

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE

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About the MKC Current Awareness Bulletin (CAB)

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

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

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CONTENTS

IMO / UNITED NATIONS NEWS & EVENTS	2
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INDUSTRY NEWS AND PUBLICATIONS

CASUALTIES	4
ENVIRONMENT	7
ENVIRONMENTAL POLLUTION	10
HEALTH AND SAFETY	12
IMO	12
LAW AND POLICY	13
MARINE TECHNOLOGY.....	20
MARITIME SAFETY	22
MARITIME SECURITY	22
MARITIME TRAINING	24
MIGRANTS	27
NAVIGATION AND COMMUNICATIONS	28
PIRACY.....	30
PORT STATE CONTROL.....	30
PORTS AND HARBOURS	31
RECYCLING OF SHIPS	32
REGULATIONS	33
SEARCH AND RESCUE	36
SHIPBUILDING AND SHIPREPAIR	37
SHIPPING.....	38
RESEARCH.....	46

IMO / UNITED NATIONS NEWS & EVENTS

WHAT'S NEW

Kenya's Jomo Kenyatta University of Agriculture and Technology to host Africa Maritime Technology Cooperation Centre

International Maritime Organization (IMO) has announced that Jomo Kenyatta University of Agriculture and Technology (JKUAT), Kenya, has been selected to host the regional Maritime Technology Cooperation Centre (MTCC) for the Africa region, under an ambitious project, funded by the European Union (EU) and implemented by IMO, to help mitigate the harmful effects of climate change.

Under the Global MTTC Network (GMN) project, JKUAT will host MTCC-Africa in collaboration with Kenya Ports Authority and Kenya Maritime Authority. The selection of JKUAT followed a competitive international tendering process.

In December 2016, IMO [announced](#) that Shanghai Maritime University in China will host MTCC-Asia, while the University of Trinidad and Tobago will host MTCC-Caribbean.

In the coming months two further MTCCs will be established in other target regions - Latin America and the Pacific – to form a global network of such centres.

The five regional MTCCs will deliver the agreed project milestones over a three-year period, making a significant contribution to IMO's continuing, widespread efforts to ensure effective implementation and enforcement of the global energy-efficiency regulations for international shipping. [Full Story: Briefing 8 - 03/02/2017](#)

IMO MEETINGS FOR 2017

Sub-Committee on Ship Design and Construction (SDC)
4th session, 13 – 17 February 2017

IMO PRESS BRIEFINGS

IMO NEWS MAGAZINE [\(Issue 4, 2016\)](#)

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

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

[European Shipping Week Event - Safety in the Intermodal Supply Chain](#)
27 February 2017, Brussels, Belgium

Sub-Committee on Ship Design and Construction (SDC),
4th session, 13 – 17 February 2017 ([Opening](#) remarks)

UNITED NATIONS NEWS

High-level event underscores urgency and importance of conserving oceans, seas and marine resources for sustainable development. *United Nations Development Programme (UNDP)* [Online]. 14 February 2017. Available from: <http://www.goo.gl/B7oZlr> With an estimated 40 percent of the world's oceans heavily affected by unsustainable practices, global leaders are gearing up for an historic Ocean Conference (June 5-9), to renew momentum towards achieving Sustainable Development Goal (SDG) 14, 'Life Below Water'.

UN chief Guterres announces steps towards reforming Organization's peace and security architecture. *UN News Centre* [Online]. 14 February 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=56173> United Nations Secretary-General António Guterres today announced the establishment of an internal review team that will take forward the reforms to the UN Secretariat peace and security strategy, functioning and architecture, which he outlined when he was appointed the Secretary-General last year.

UN kicks off preparations for upcoming summit on oceans, launches voluntary commitment website. *UN News Centre* [Online]. 15 February 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=56179> The world dumps the equivalent of one garbage truck of plastic into the ocean every minute, the United Nations heard today at the start of a two-day meeting to prepare for this June's Ocean Conference that will aim to help safeguard the planet's oceans and help them recover from human-induced problems.


The Ocean Conference: 5 to 9 June 2017. *United Nations* [Online]. February 2017. Available from: <https://oceanconference.un.org/about> The high-level United Nations Conference to Support the Implementation of Sustainable Development Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development will be convened at United Nations Headquarters in New York from 5 to 9 June 2017, coinciding with World Oceans Day, to support the implementation of Sustainable Development Goal 14.

CASUALTIES

Investigation launched into sunken Maersk vessels. By Daniel Logan Berg-Munch.

ShippingWatch [Online]. 1 February 2017. Available from: <http://shippingwatch.com/secure/carriers/article9333345.ece> The Accident Investigation Board Denmark has launched an official investigation into the two Maersk Supply Service vessels which sank off the coast of France shortly before Christmas.

Yemen's Houthis attack Saudi ship, launch ballistic missile. By Mohammed Ghobari and Ali Abdelaty. Reuters [Online]. 31 January 2017. Available from:

<http://www.reuters.com/article/us-yemen-security-saudi-idUSKBN15E2KE>  The armed Houthi movement attacked a Saudi warship off the western coast of Yemen on Monday, causing an explosion that killed two crew members and injured three others, Saudi state news agency SPA reported.

Bodies of three sailors recovered from sunken ship. By Aghaddir Ali. Gulf News [Online].

5 February 2017. Available from: <http://gulfnews.com/news/uae/government/bodies-of-three-sailors-recovered-from-sunken-ship-1.1973631>  Four crew members were rescued and transported to hospital and later discharged.



Flashlight "Bomb" Prompts Ferry Evacuation. Maritime Executive [Online]. 2 February 2017.

Available from: <http://maritime-executive.com/article/flashlight-bomb-prompts-ferry-evacuation> On Thursday, Stena Line evacuated the ropax ferry *Skåne* after a cleaning crew found a suspected explosive device on board.

El Faro safety probed in final U.S. hearing on sinking. By Letitia Stein. Reuters [Online].

6 February 2017. Available from: <http://www.reuters.com/article/us-ship-elfaro-idUSKBN15L1AB> The U.S. investigation into the deadly sinking of a cargo ship during a 2015 hurricane on Monday examined conditions aboard the *El Faro*, including preliminary findings that it was operating with a minimal stability margin on its final voyage.


Accident Investigation Report 3/2017: Collision between pure car carrier *City of Rotterdam* and ro-ro freight ferry *Primula Seaways*. UK Marine Accident Investigation Branch (MAIB) [Online]. 8 February 2017. Available from:

<http://www.goo.gl/mLPXqd> On 3 December 2015 the Panama registered pure car carrier *City of Rotterdam* collided with the Danish registered ro-ro ferry *Primula Seaways* on the River Humber.
[Report](#)  [Annexes](#) 

El Faro's Sister Ship Scrapped After USCG Found Wastage. Maritime Executive [Online].

7 February 2017. Available from: <http://www.maritime-executive.com/article/el-faros-sister-ship-scrapped-after-corrosion-found> The Marine Board of Investigation hearings into the loss of the *El Faro* continued Tuesday with testimony regarding the condition of the *El Yunque*, the *El Faro's* sister ship.

Crew member dead in *Emerald Princess* cruise ship explosion at Port Chalmers.

By Sam Hurley. *New Zealand Herald* [Online]. 9 February 2017. Available from: http://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=11797775  A visiting cruise ship is not expected to leave Port Chalmers wharf until midday today after a crew member was killed by an exploding gas cylinder.

Rough seas hinder tow of cargo ship broken down off southwest Newfoundland.

By Geoff Bartlett. *Canadian Broadcasting Corporation (CBC)* [Online]. 8 February 2017.

Available from: <http://www.cbc.ca/news/canada/newfoundland-labrador/cargo-ship-thorco-crown-newfoundland-disabled-tow-1.3973128>

The foreign cargo ship which has been disabled and floating off the southwestern coast of Newfoundland since Tuesday is still waiting to be towed.

Cruise ship bound for NZ drifting off the coast of Australia after breaking down.

New Zealand Herald [Online]. 10 February 2017. Available from:

http://www.nzherald.co.nz/travel/news/article.cfm?c_id=7&objectid=11798457

Thousands of distressed passengers are onboard a cruise ship bound for New Zealand that has broken down and is drifting off the coast of Australia.

Isle of Man ferry crash forces cancellation of services to UK. By Ellan Vannin. *BBC News*

[Online]. 13 February 2017. Available from: <http://www.bbc.co.uk/news/world-europe-isle-of-man-38954907>

A ferry crashed into a pier on the Isle of Man as the captain tried to dock in strong winds.

South African firefighters tackle APL boxship inferno. By Sam Chambers. *Splash 24/7*

[Online]. 13 February 2017. Available from: <http://splash247.com/south-african-firefighters-tackle-apl-boxship-inferno/>

Tugs and firefighters were deployed this morning to Algoa Bay in South Africa where a number of boxes on the 6,350 teu *APL Austria* had caught fire, leading to the majority of the ship's crew to evacuate.

Cruise ship damage after crash in Timaru port. *Radio New Zealand* [Online].

12 February 2017. Available from: <http://www.radionz.co.nz/news/national/324328/cruise-ship-damage-after-crash-in-timaru-port> The *Seabourn Encore* berthed at the Port of Timaru this morning and, according to the Port's website, was due to leave for Akaroa about 6pm.

Fire on cargo vessel at Port of Ngqurha under control: SAMSA.

South African Maritime Safety Authority (SAMSA) [Online]. 15 February 2017. Available from:

<https://blog.samsa.org.za/2017/02/15/fire-on-cargo-vessel-at-port-of-ngqurha-under-control-samsa/>

Work to salvage the last batch of about 32 containers in hatch No4 of the fire ravaged Liberian flagged cargo vessel currently docked at the port of Ngqurha was due to begin on Wednesday morning, on condition that the fire in the hold had been successfully extinguished, the South African Maritime Authority (SAMSA) reported on Tuesday night.

WATCH: Overseas experts fly in to fight ship blaze. By Gareth Wilson. *Herald Live*

(*South Africa*) [Online]. 15 February 2017. Available from:

<http://www.heraldlive.co.za/news/2017/02/15/overseas-experts-fly-fight-ship-blaze/>


Specialist hazardous cargo fire experts have been flown in from London and Austria to assist with extinguishing the fire aboard a container ship docked at the Port of Ngqura.

***El Faro* hearing told there was no safety training for Polish workers on the ship.**

By Donal Scully. *Splash 24/7* [Online]. 15 February 2017. Available from:

<http://splash247.com/el-faro-hearing-told-there-was-no-safety-training-for-polish-workers-on-the-ship/>

A Polish electrician who had worked on *El Faro* in the past, on Wednesday told the hearing into the cargo ship's sinking that he and his fellow nationals aboard were never formally given safety procedure training.

Accident Investigation Report 4/2017: Collision between ro-ro freight ferry *Petunia Seaways* and historic motor launch *Peggotty*. *UK Marine Accident Investigation Branch (MAIB)* [Online]. 15 February 2017. Available from: <http://www.goo.gl/53KFQ6> On 16 May 2016, the Danish registered ro-ro freight ferry *Petunia Seaways* and the historic motor launch *Peggotty* collided on the River Humber while in dense fog. [Report](#) 

Britons injured in Norway boat accident. *BBC News* [Online]. 17 February 2017. Available from: <http://www.bbc.co.uk/news/uk-39000174> Police said 10 British tourists and a local driver were injured when a speedboat hit a water fountain near the town of Harstad.


Ferry *SNAV Toscana* caught fire off Palermo. *Turkish Maritime* [Online]. 20 February 2017. Available from: <http://www.turkishmaritime.com.tr/ferry-snav-toscana-caught-fire-off-palermo-29150h.htm> The ferry *SNAV Toscana*, with 113 passengers and 75 crew on board, caught fire in engine room on about a mile off Palermo, Italy.

Crane collapses onto ship in Ashdod port. By Stuart Winer. *Times of Israel* [Online]. 19 February 2017. Available from: <http://www.timesofisrael.com/crane-collapses-onto-ship-in-ashdod-port/>  A large crane collapsed onto a ship docked in the southern port of Ashdod on Sunday, causing damage but no injuries.

***El Faro* hearing concludes on highly emotional note. By Donal Scully.** *Splash 24/7* [Online]. 19 February 2017. Available from: <http://splash247.com/el-faro-hearing-concludes-highly-emotional-note/> Emotions ran high on the final day of the US Coast Guard (USCG) Marine Board of Investigation (MBI) hearings into the *El Faro* tragedy in Jacksonville, Florida on Friday.

***El Faro*: safety experts question stability rules. By Eric Martin.** *TradeWinds* [Online]. 16 February 2017. Available from: <http://www.tradewindsnews.com/casualties/1216169/el-faro-safety-experts-question-stability-rules> Safety experts raised questions about the grandfathering of a crucial stability requirement for ro-ros after new revelations in the investigation into the deadly 2015 sinking of *El Faro*.

Foreign sailor killed by cracked pipe hot water in ship at Chittagong Port. *Bdnews24.Com (Bangladesh)* [Online]. 23 February 2017. Available from: <http://bdnews24.com/bangladesh/2017/02/23/foreign-sailor-killed-by-cracked-pipe-hot-water-in-ship-at-chittagong-port> A foreign sailor has been killed by hot water splashed from a cracked engine pipe of a ship docked at Chittagong Port's outer anchorage, police say.

Stricken Barge Carrier Towed to Safety Off Norway – Update. *gCaptain* [Online]. 23 February 2017. Available from: <http://gcaptain.com/stricken-barge-carrier-in-danger-of-grounding-off-norway/>  Crews in Norway are trying to prevent a 263-meter barge carrier from going aground after the ship apparently dragged anchor and drifted dangerously close to shore in heavy weather.

Fatal accident on Solstad ship. By Gary Dixon. *TradeWinds* [Online]. 22 February 2017. Available from: <http://www.tradewindsnews.com/casualties/1217587/fatal-accident-on-solstad-ship> A person has been killed in an accident on a Solstad Offshore vessel in Brazil.

Remembering the *Leros Strength*. By John Dalziel, Department of Industrial Engineering, Dalhousie University. *Maritime Executive* [Online]. 25 February 2017. Available from: <http://maritime-executive.com/editorials/remembering-the-leros-strength> Twenty years ago this month, on February 8, 1997 the master of the *Leros Strength* contacted the rescue co-ordination center in Stavanger, Norway, requesting immediate assistance. After approximately three minutes the radio contact was abruptly cut off.

UK Coastguard coordinating incident involving fire on car carrier in the English Channel.

UK Maritime & Coastguard Agency [Online]. 24 February 2017. Available from:

<http://hmcoastguard.blogspot.co.uk/2017/02/uk-coastguard-coordinating-incident.html>

At around 3:45am today (Friday 24 February 2017) UK Coastguard was notified of a fire on board the US car carrier 'Honor' in the English Channel whilst it was on route to Baltimore from Southampton.

LNG carrier *Al Khattiya* damaged after collision with oil tanker off Fujairah.

Seatrade Maritime News [Online]. 27 February 2017. Available from: <http://www.goo.gl/5uljQq>

The *Al Khattiya* LNG carrier, owned by Qatar's Nakilat and managed by Shell's shipping unit Stasco, has suffered damage on its starboard side after a collision with an oil tanker off Fujairah

Cargo Ship Partially Sinks Off Ecuador. By Mike Schuler. gCaptain [Online].

27 February 2017. Available from: <http://gcaptain.com/cargo-ship-partially-sinks-off-ecuador/> 

Officials in Ecuador are coordinating the environmental response and salvage of the general cargo ship *Isla Bartolome*, which ran aground and partially sank last Thursday in the main shipping channel from the port of Guayaquil.

ENVIRONMENT

Laurence Tubiana: prepare for G20 climate showdown. By Ed King. Climate Home

[Online]. 31 January 2017. Available from:

<http://www.climatechangenews.com/2017/01/31/laurence-tubiana-prepare-for-g20-climate-showdown/> Brace yourselves for a climate change showdown at the G20 in July.

Sound and the sea. By Jessica Perelman, Woods Hole Oceanographic Institution.

National Geographic [Online]. 31 January 2017. Available from:

<http://voices.nationalgeographic.com/2017/01/31/sound-and-the-sea/> Leonardo da Vinci first observed that ships could be heard at long distances underwater back in the late 1400s, and physicists first measured the speed of sound in water in 1826.

China backs UN conference on ocean development. By Wang Qingyun. China Daily.Com

[Online]. 8 February 2017. Available from: http://www.chinadaily.com.cn/world/2017-02/08/content_28141802.htm Foreign Ministry spokesman Lu Kang said on Wednesday that China will actively take part in the preparation for The Ocean Conference the UN will hold in New York from June 5 to June 9, and will make its own contributions to the sustainable development of oceans.

Commentary: Arctic shipping: Clean commitment required. By Runa Haug Khoury, Senior Advisor Energy and Industry, Bellona Foundation. High North News (Norway)

[Online]. 13 February 2017. Available from: <http://www.highnorthnews.com/commentary-arctic-shipping-clean-commitment-required-new/> As shipping activity in Arctic waters increases, so does the need to regulate environmental risks.

EQUATE and Maersk Line Sign the First Partnership Agreement in Kuwait to Reduce CO2 Emission in Ocean Transportation. Maersk [Online]. 13 February 2017. Available from:

<http://www.maerskline.com/en-us/countries/int/news/news-articles/2017/02/equate-and-maersk-line-sign-the-first-partnership-agreement-in-kuwait-to-reduce-co2> The agreement, which is the first of its kind in Kuwait, is based on EQUATE's and Maersk Line's Sustainability priorities that include the shared vision to protect and safeguard the environment by decreasing CO2 emissions and confirms an aspiration to reduce EQUATE's CO2 emissions per container transported with Maersk Line by 15% from 2017 to 2020.

Ocean literacy conference to be held in Malta. *Times of Malta* [Online]. 13 February 2017. Available from: <http://www.timesofmalta.com/articles/view/20170213/environment/ocean-literacy-conference-to-be-held-in-malta.639506> The European Marine Science Educators Association event will focus on promoting a greater awareness of the sea and the role it plays in human lives as laid down in the seven principles of ocean literacy.

Dolphin populations 'will take 40 years to recover from *Deepwater Horizon* oil spill'. **By Kirsteen Paterson.** *The National (Scotland)* [Online]. 13 February 2017. Available from: <http://www.goo.gl/GuVMPH> It will take 40 years for dolphins in the Gulf of Mexico to recover from the devastating *Deepwater Horizon* disaster, an international study has found.

In support of EU action on ship CO2 emissions to boost IMO process [Letter to EU Parliament...]. *Biceps Network* [Online]. 13 February 2017. Available from: <http://bicepsnetwork.org/wp-content/uploads/2016/04/ETS-support-letter-BICEPS-Network-10-feb-2017-signed.pdf> Last month, the Environment Committee of the European Parliament agreed to establish a Maritime Climate Fund for shipping under the EU Emissions Trading Scheme (ETS), as a means to see shipping contribute to the EU's 2030 Paris target.

"K" Line's CO2 Reduction Target Certified as "Science Based Target (SBT)" - Evaluated as the Goal to Contribute to the Paris Agreement. *Kawasaki Kisen Kaisha, Ltd.* [Online]. 14 February 2017. Available from: https://www.kline.co.jp/en/news/detail/1206979_1997.html In March 2015, we introduced our long-term environmental vision, "K" LINE Environmental Vision 2050 "Securing Blue Seas for Tomorrow"*3 and set an environmental target to reduce CO2 emissions from our operating ships by half before 2050 as one of our counter-measures against global warming.


1st oceanographic research vessel starts operation. *MEHR News Agency (Iran)* [Online]. 14 February 2017. Available from: <http://en.mehrnews.com/news/123553/1st-oceanographic-research-vessel-starts-operation> Speaking during the ceremony, attended by Iran's Minister of Science Mohammad .Farhadi, head of Iranian National Institute for Oceanography and Atmospheric Science Nasser Hajizadeh said the vessel will kick off research career after delivery from the Marine Industries Organization of Iran.

Indonesia, US to cooperate for conservation of Indonesian marine habitats. *Antara News (Indonesia)* [Online]. 16 February 2017. Available from: <http://www.antaraneews.com/en/news/109444/indonesia-us-to-cooperate-for-conservation-of-indonesian-marine-habitats> Indonesia and the US will cooperate to realize a US\$40 million program for the conservation of Indonesia's marine habitats and sustainable fishery resources.


UN addresses issue of whale-ship collisions. *Phys Org* [Online]. 15 February 2017. Available from: <https://phys.org/news/2017-02-issue-whale-ship-collisions.html> Scientists and government officials met at the United Nations today to consider possible solutions to a global problem: how to protect whale species in their most important marine habitats that overlap with shipping lanes vital to the economies of many of the world's nations.


The fight for ocean health. By Jose Maria Figueres, Pascal Lamy, and John D. Podesta. *Eco-Business* [Online]. 16 February 2017. Available from: <http://www.eco-business.com/news/the-fight-for-ocean-health/> Our responsibility for the ocean's health is as deep, fundamental, and permanent as our dependence on it. It's time for policymakers, businesses, and citizens to protect it.

The Digital Ocean: Our Next Information Frontier. By Gary Gysin. *Scientific American* [Online]. 16 February 2017. Available from: <https://blogs.scientificamerican.com/quest-blog/the-digital-ocean-our-next-information-frontier1/> When the term Information Highway was coined, little did the majority of the world realize the impact this concept and the resulting Internet Superhighway would have on humanity.

Scientists have just detected a major change to the Earth's oceans linked to a warming climate. By Chris Mooney. *Washington Post* [Online]. 15 February 2017. Available from: <http://www.goo.gl/Ztss3Y>  A large research synthesis, published in one of the world's most influential scientific journals, has detected a decline in the amount of dissolved oxygen in oceans around the world - a long-predicted result of climate change that could have severe consequences for marine organisms if it continues.

Our oceans need protecting. This is how we can help. By Jose Maria Figueres, Pascal Lamy, and John D. Podesta. *World Economic Forum* [Online]. 17 February 2017. Available from: <http://www.goo.gl/vdYO76> The ocean is changing - and not for the better.

The Biggest Environmental Challenges of 2017. *Nature Conservancy* [Online]. 2 February 2017. Available from: <https://global.nature.org/content/environment2017>  The environmental challenges the world faces have never been greater or more complex.


Giving Oceans a Break Could Generate US\$83 Billion in Additional Benefits for Fisheries. *World Bank* [Online]. 14 February 2017. Available from: <http://www.worldbank.org/en/news/press-release/2017/02/14/giving-oceans-a-break-could-generate-83-billion-in-additional-benefits-for-fisheries> Fishing less, and better, could generate an additional \$83 billion each year for the fisheries sector, creating a much-needed revenue stream in developing countries and improving global food security, according to a new World Bank Group report. [The Sunken Billions Revisited: Progress and Challenges in Global Marine Fisheries](#) 

Dell Ships First Recycled Ocean Plastics Packaging in Its Industry. *Dell* [Online]. 22 February 2017. Available from: <http://www.dell.com/learn/us/en/vn/press-releases/2017-02-22-dell-announces-ocean-plastics-shipment> Dell announces the technology industry's first shipment of ocean plastics packaging, the result of an innovative, commercial-scale pilot program


Great Australian Bight drilling opposition expects boost from documentary about 'last intact wilderness'. By Malcolm Sutton. *ABC (Australia)* [Online]. 24 February 2017. Available from: <http://www.abc.net.au/news/2017-02-24/great-australian-bight-drilling-opposition-to-release-film/8301066>  As energy firm Chevron pushes on with plans to drill four exploration wells in the Great Australian Bight (GAB), an opposing alliance is preparing to release a documentary it says will initiate tourism in the region and persuade Australians to resist its mining.

The WWF is promoting the principles of sustainable blue economy for the Northern Mozambique Channel. *WWF* [Online]. 24 February 2017. Available from: http://wwf.panda.org/about_our_earth/search_wwf_news/?293270/The-WWF-is-promoting-the-principles-of-sustainable-blue-economy-for-the-Northern-Mozambique-Channel On the sidelines of preparatory meeting on February 15, 2017 at the UN headquarters in New York, the WWF presented the principles of sustainable blue economy and in particular the main lines of its Western Indian Ocean Economy Report.

50 Reefs: World-first global plan says only 10 pc of coral reefs can be saved from extinction. By Greg Hassall and Rebecca Latham. *ABC (Australia)* [Online].

23 February 2017. Available from: <http://www.abc.net.au/news/2017-02-24/50-reefs-first-global-plan-says-only-10-pc-reefs-can-be-saved/8293514>  A new global plan aims to save the meagre 10 per cent of the world's coral reefs predicted to survive beyond 2050.

The ocean's trillion dollar blue economy. *Aljazeera* [Online]. 25 February 2017.

Available from: <http://www.aljazeera.com/programmes/countingthecost/2017/02/ocean-trillion-dollar-blue-economy-170225093248028.html>  The ocean is essential to the livelihoods and food security of billions of people around the globe.

Marshall Islands first to ratify global HFC greenhouse gas pact. By Alister Doyle. *Reuters*

[Online]. 28 February 2017. Available from: <http://uk.reuters.com/article/uk-climatechange-hfc-idUKKBN1670J3> The Marshall Islands in the Pacific Ocean became the first nation on Tuesday to ratify a 2016 accord to cut the use of powerful factory-made greenhouse gases, saying the survival of the nation was at risk from climate change.

ENVIRONMENTAL POLLUTION


Russia and Finland agree to continue studying of black carbon emissions in the Arctic.

Port News [Online]. 30 January 2017. Available from: <http://portnews.ru/news/233426/> At the 37th meeting of Russia-Finland Joint Commission on Maritime Shipping held in Helsinki the delegations of the two parties agreed on the necessity to continue studying black carbon emissions in the Arctic, says press center of Rosmorrechflot's Marine Rescue Service.


Chennai oil spill deadly for spawning fish and nesting turtles. By P Oppili. *Times of India*

[Online]. 31 January 2017. Available from: <http://timesofindia.indiatimes.com/city/chennai/spill-deadly-for-spawning-fish-and-nesting-turtles/articleshow/56883202.cms> The oil spill near Ennore Port will have a long-term impact on the marine eco-system, fear researchers.

Chennai oil spill could severely impact marine life, environmentalists say.

By Malavika Vyawahare. *Hindustan Times (India)* [Online]. 6 February 2017. Available from: <http://www.hindustantimes.com/india-news/chennai-oil-spill-could-severely-impact-marine-life-environmentalists-say/story-He1NeiyQcBsIWILA9t4hcM.html>  Environmentalists fear the massive oil spill after two ships collided near Chennai last Saturday will have a long-term impact on the marine life than previously believed.

Air quality on cruise ships '20 times worse' than in a busy city centre. By Soo Kim.

The Telegraph [Online]. 1 February 2017. Available from: <http://www.telegraph.co.uk/travel/cruises/news/air-pollution-levels-200-times-higher-on-cruise-ships/>  Passengers on a cruise ship could be inhaling "60 times higher concentrations of harmful air pollutants " than they would in natural air settings, Naturschutzbund Deutschland (NABU), a German environmental association, has warned.

Chennai oil spill: As it happened. By Abdullah Nurullah. *Times of India* [Online].

3 February 2017. Available from: <http://timesofindia.indiatimes.com/india/chennai-oil-spill-as-it-happened/articleshow/56939334.cms> The ship *BW Maple* (UK flag), an LPG tanker, rams the petroleum tanker *Dawn Kanchipuram* (Indian flag) at 17kmph (nine knots), just two nautical miles off the Kamarajar Port at Ennore near Chennai at 4 am on Saturday.

Extreme air pollution levels found on deck of cruise ship.

NABU (Nature and Biodiversity Conservation Union) [Online]. February 2017. Available from: <https://en.nabu.de/news/2017/21870.htm> NABU finds its criticism confirmed that cruise ships' exhaust gases not only severely damage the environment but also harm human health.

Effects of the Deepwater Horizon Oil Spill on Sea Turtles and Marine Mammals.

US National Oceanic and Atmospheric Administration (NOAA) [Online]. 1 February 2017. Available from: <http://response.restoration.noaa.gov/oil-and-chemical-spills/significant-incidents/deepwater-horizon-oil-spill/effects-deepwater-horizon/> The scientific studies, conducted by National Oceanic and Atmospheric Administration authors and partners, document the unprecedented mortality rate and long-term environmental impacts of the oil's exposure and presents a synthesis of more than five years' worth of data collection, analysis, and interpretation.

Clean-up enters final lap, but ecological concerns loom. By S V Krishna Chaitanya.

New Indian Express [Online]. 8 February 2017. Available from: <http://www.newindianexpress.com/cities/chennai/2017/feb/08/clean-up-enters-final-lap-but-ecological-concerns-loom-1568182--1.html> The Coast Guard on Tuesday claimed that the clean-up has entered the final lap and Dornier aircraft were deployed to ensure there are no traces of oil in the sea.

Litter Levels in the Depths of the Arctic are On the Rise. Alfred-Wegener-Institut (Germany)

[Online]. 8 February 2017. Available from: <https://www.awi.de/nc/en/about-us/service/press/press-release/muellmenge-in-der-arktischen-tiefsee-steigt-stark-an.html> The Arctic has a serious litter problem: in just ten years, the concentration of marine litter at a deep-sea station in the Arctic Ocean has risen 20-fold.

Preventing air pollution from ships. By Brenda V. Pimentel. Manila Times

[Online]. 11 February 2017. Available from: <http://www.manilatimes.net/preventing-air-pollution-ships/311601/> Capt. Alfredo Vidal, Deputy Administrator for Operations of the Maritime Industry Authority (MARINA) noted the absence of regulations that would cover emissions of ships and highlighted the agency's efforts to push for the ratification of Annex VI of the International Convention on the Prevention of Pollution from Ships, 1973/1978 (MARPOL).

New Study Helps Explain How Garbage Patches Form in the World's Oceans.

University of Miami Rosenstiel School of Marine & Atmospheric Science [Online]. 10 February 2017. Available from: <http://www.rsmas.miami.edu/news-events/press-releases/2017/new-study-helps-explain-how-garbage-patches-form-in-the-worlds-oceans/> A new study on how ocean currents transport floating marine debris is helping to explain how garbage patches form in the world's oceans.

Expert team studies impact of oil spill. The Hindu (India)

[Online]. 15 February 2017. Available from: <http://www.thehindu.com/news/cities/Visakhapatnam/Expert-team-studies-impact-of-oil-spill/article17303584.ece> A team of Asian Marine Conservation Association (AMCA) has studied the impact of the oil spill that occurred on Chennai coast on the east coast.

Oil in sea could persist in environment for months if not removed: ITOPF study.

By C Shivakumar. *New Indian Express* [Online]. 17 February 2017. Available from: <http://www.newindianexpress.com/cities/chennai/2017/feb/17/oil-in-sea-could-persist-in-environment-for-months-if-not-removed-itopf-study-1571484.html> The bunker oil spilt by Indian flagship vessel *M T Dawn Kancheepuram* after it collided with the Isle of Man's vessel *B W Maple* could persist in the environment for months or years if not removed.

UN Declares War on Ocean Plastic. *United Nations Environment Programme (UNEP)* [Online]. 23 February 2017. Available from: <http://web.unep.org/newscentre/un-declares-war-ocean-plastic> UN Environment launched today an unprecedented global campaign to eliminate major sources of marine litter: microplastics in cosmetics and the excessive, wasteful usage of single-use plastic by the year 2022.

HEALTH AND SAFETY

Good Knowledge Of Nutrition Must Be High On The Agenda For Catering Crews To Beat Fatigue In Seafarers – Says MCTC. *Hellenic Shipping News* [Online]. 9 February 2017. Available from: <http://www.hellenicshippingnews.com/good-knowledge-of-nutrition-must-be-high-on-the-agenda-for-catering-crews-to-beat-fatigue-in-seafarers-says-mctc/> Crew members must be provided with nutritionally-balanced meals while onboard to avoid high levels of fatigue, says catering training provider Marine Catering Training Consultancy (MCTC) following the findings of InterManager's recent study into tiredness levels.

IMO

Decision-making processes of ICAO and IMO in respect of environmental regulations. **By Sarabjeet Hayer.** *European Parliament* [Online]. 26 December 2017. Available from: <http://www.goo.gl/e3rtsV> Parties to the 1992 Kyoto Protocol explicitly requested industrialised countries to pursue emission limitations from international transport working through the International Maritime Organisation (IMO) and International Civil Aviation Organisation (ICAO).

Sea-change in polar shipping: from Arctic to Antarctic Polar Code initiatives. **By Dorottya Bognar.** *Arctic University of Norway* [Online]. 1 February 2017. Available from: <http://site.uit.no/jclos/2017/02/01/sea-change-in-polar-shipping-from-arctic-to-antarctic-polar-code-initiatives/> The International Maritime Organisation's (IMO) mandatory Polar Code - or to use its official title: International Code for Ships Operating in Polar Waters has just entered into force with the turn of the New Year.

JKUAT to Host IMO's Maritime Technology Cooperation Centre. *Jomo Kenyatta University of Agriculture and Technology (Kenya)* [Online]. 6 February 2017. Available from: <http://www.jkuat.ac.ke/jkuat-host-imos-maritime-technology-cooperation-centre/> Jomo Kenyatta University of Agriculture and Technology has won an international competitive bid to host the regional Maritime Technology Cooperation Centre (MTCC) for the Africa region.

IMO will for the first time work from an exact strategy. *ShippingWatch* [Online]. 13 February 2017. Available from: <http://shippingwatch.com/secure/carriers/article9362370.ece> A new strategy for the International Maritime Organization, IMO, will break from the historically very wide focus employed by the UN's maritime body.

Jokowi, IMO Secretary-General Discuss Maritime Axis. *Tempo (Indonesia)* [Online]. 21 February 2017. Available from: <https://en.tempo.co/read/news/2017/02/21/056848633/Jokowi-IMO-Secretary-General-Discuss-Maritime-Axis> The International Maritime Organization (IMO) secretary-general H.E. Kitack Lim has paid his first official visit to Indonesia since taking office in 2015.

IBIA raises awareness of sulphur compliance verification challenges at IMO.

International Bunker Industry Association (IBIA) [Online]. 22 February 2017. Available from: <http://ibia.net/ibia-raises-awareness-of-sulphur-compliance-verification-challenges-at-imo/>
On January 17 this year, IBIA put on a lunchtime presentation in the main hall at the headquarters of the International Maritime Organization (IMO) for delegations attending the fourth session of the Sub-Committee on Pollution Prevention and Response (PPR 4).

New complex to spur achieving of maritime authority's agenda. By Gitonga Marete.

Daily Nation (Kenya) [Online]. 26 February 2017. Available from: <http://www.nation.co.ke/news/Maritime-authority-to-build-Sh1-8bn-complex/1056-3827274-j3lsls/>
The Kenya Maritime Authority (KMA) has begun constructing a Sh1.8 billion building that will house its headquarters and the Maritime Technology Cooperation Centre (MTCC) for Africa region.

LAW AND POLICY

Why Singapore and friends cannot ignore the new Silk Road. By Andre Wheeler.

Splash 24/7 [Online]. 31 January 2017. Available from: <http://splash247.com/singapore-friends-cannot-ignore-new-silk-road/> At the recent briefing looking at China's One Belt One Road strategy and Myanmar opportunities, held in Yangon, attendance was good and the discussion robust.

Court to solve Kenya, Somalia maritime border dispute. By John Njagi.

Daily Nation (Kenya) [Online]. 31 January 2017. Available from: <http://www.nation.co.ke/news/-sea-row-with-Somalia/1056-3793356-nwuj4u/> The International Court of Justice (ICJ) will on Thursday rule on a case filed by Kenya in its maritime border dispute with Somalia, the Attorney-General said.

UT researchers looking for possibilities for sustainable growth of maritime economy in the Gulf of Finland and the Archipelago Sea.

University of Tartu (Estonia) [Online]. 30 January 2017. Available from: <http://www.ut.ee/en/news/ut-researchers-looking-possibilities-sustainable-growth-maritime-economy-gulf-finland-and> Within the Estonian-Finnish joint project Plan4Blue "Maritime Spatial Planning for Sustainable Blue Economies", UT researchers are studying the possibilities for planning and developing marine and maritime economies in the era of high and rapidly increasing demand for maritime space.

Trump executive order to impact shipping. By Dale Wainwright.

TradeWinds [Online]. 1 February 2017. Available from: <http://www.tradewindsnews.com/andalso/1211614/trump-executive-order-to-impact-shipping> President Trump's executive order restricting entry to the US by citizens from seven predominantly Muslim countries could impact the shipping sector, say P&I Clubs.

Shipping Ministry orders inquiry into oil spill from Chennai ship collision.

By C Shivakumar. *New Indian Express* [Online]. 2 February 2017. Available from: <http://www.newindianexpress.com/cities/chennai/2017/feb/01/shipping-ministry-orders-inquiry-into-oil-spill-from-chennai-ship-collision-1565750--1.html> The Union Shipping Ministry ordered an inquiry into the collision of cargo ships *M V Dawn Kancheepuram*, owned by Mumbai-based Arya Group and British vessel *B W Maple*.

SHIPPING FEATURE: Sulfur emission cap - 2020 deadline fuelling challenges.**By Sameer Mohindru and Shriram Sivaramakrishnan.** *Bunkerworld* [Online].31 January 2017. Available from: <http://www.bunkerworld.com/news/144721>

Legal frameworks and detection methods remain inadequate, and fines and sanctions are currently up to the individual member countries to enforce.

Arctic heavy-fuel oil ban backed by EU political groups. *Transport & Environment* [Online].31 January 2017. Available from: <https://www.transportenvironment.org/press/arctic-heavy-fuel-oil-ban-backed-eu-political-groups>

Today's vote by MEPs to call for a ban on the use of heavy fuel oil (HFO), the dirtiest of all fuel types, by ships when operating in the Arctic has been welcomed by sustainable transport group Transport & Environment.

Protect the Arctic from emerging risks, urge MEPs. *European Parliament* [Online].31 January 2017. Available from: <http://www.europarl.europa.eu/news/en/news-room/20170130IPR60273/protect-the-arctic-from-emerging-risks-urge-meps>

As the geopolitical importance of the Arctic region is growing, with climate change effects and competition for natural resources bringing new environmental and security risks for the region and for the world, the EU should speak with one voice and push to keep the Arctic an area of cooperation, says a resolution adopted by the Foreign Affairs and Environment committees on Tuesday.

Oman holds oil spill emergency preparedness drill. **By Gautan Viswanathan.***Times of Oman* [Online]. 31 January 2017. Available from:<http://timesofoman.com/article/101761/Oman/PDO-and-Ministry-of-Environment-organise-oil-spill-drill-in-Oman>

Petroleum Development Oman, in cooperation with the Ministry of Environment and Climate Affairs and Oman Petroleum and Environmental Services Company (PESCO), organised a drill on Monday morning to simulate the preparedness of emergency response units when faced with an oil spill.

Philippines' Duterte asks China to patrol piracy-plagued waters. **By Manuel Mogato.***Reuters* [Online]. 31 January 2017. Available from: <http://www.reuters.com/article/us-philippine-militants-china-idUSKBN15F1AV>

Philippine President Rodrigo Duterte on Tuesday said he had asked China to help in the fight against Islamic State-linked militants by sending ships to patrol southern waters plagued by raids on commercial vessels.

Court to declare Hanjin Shipping bankrupt on Feb. 17. *Yonhap News Agency (South Korea)*[Online]. 2 February 2017. Available from: <http://www.goo.gl/G8WEAI>

A South Korean court said Thursday that it has decided to end a rehabilitation plan for embattled Hanjin Shipping Co., heralding the liquidation of the country's one-time top shipping line.

Namibia and Germany Initial Merchant Shipping Agreement. *Embassy of the Federal Republic of Germany Windhoek* [Online]. 1 February 2017. Available from:http://www.windhuk.diplo.de/Vertretung/windhuk/en/07/Press_Releases/PR_2017/pr-10_Seefahrtsabkommen.html

On 31 January 2017, after two days of negotiations, government delegations of Germany and Namibia initialled a bilateral merchant shipping agreement in Windhoek.

Maersk Line fined by Russia for alleged price fixing. **By Lena Rutkowski.***ShippingWatch* [Online]. 6 February 2017. Available from:<http://shippingwatch.com/secure/carriers/Container/article9345099.ece>

The Russian competition authorities, FAS, have issued Maersk Line with a fine of USD 12 million for allegedly fixing prices together with several competitors on the Russian market, in a case when began in 2013.

Implementing the rules on the prevention of pollution from ships. By Brenda V. Pimentel.

Manila Times [Online]. 4 February 2017. Available from:

<http://www.manilatimes.net/implementing-rules-prevention-pollution-ships/310413/>

The Philippines ratified MARPOL and its Annexes I to V in 2000.

Alabama State Port Authority Signs MOU with Cuba's Transport Ministry.

American Journal of Transportation (AJOT) [Online]. 3 February 2017. Available from:

<https://www.ajot.com/news/alabama-state-port-authority-signs-mou-with-cubas-transport-ministry>

The Memorandum of Understanding (MOU) between the Port of Mobile and the Cuban ports marks the first ports agreement signed on U.S. soil since 1959.

IMCA Comments on Potential Wide Sweeping Changes to Jones Act Decisions.

International Marine Contractors Association (IMCA) [Online]. 3 February 2017. Available from:

<http://www.imca-int.com/news/2017/2/3/imca-comments-on-potential-wide-sweeping-changes-to-jones-act-decisions.aspx>

Members of the International Marine Contractors Association (IMCA) with vessels active in US waters, together with their clients, have expressed serious concern over the hasty proposals by the Customs and Border Protection agency to revoke longstanding decisions made over the last 40 years concerning the Jones Act.



Kenya-Somalia maritime boundary dispute proceeds to full trial, ICJ rules.

By David Mwere. *The Star (Kenya)* [Online]. 2 February 2017. Available from: http://www.the-star.co.ke/news/2017/02/02/kenya-somalia-maritime-boundary-dispute-proceeds-to-full-trial-icj_c1499658

The maritime boundary dispute between Kenya and Somalia will now proceed to full trial at the International Court of Justice after the court dismissed Kenya's preliminary objections.


The Court finds that it may proceed with the maritime delimitation between Somalia and Kenya in the Indian Ocean.

International Court of Justice [Online]. 2 February 2017.

Available from: <http://www.icj-cij.org/docket/files/161/19324.pdf>  The International Court of Justice (ICJ), the principal judicial organ of the United Nations, has today delivered its Judgment on the preliminary objections raised by Kenya in the case concerning Maritime Delimitation in the Indian Ocean (Somalia v. Kenya), in which it finds that it may proceed with the maritime delimitation between Somalia and Kenya in the Indian Ocean. [Preliminary Objections](#) 

World Development Report 2017: Governance and the law.

World Bank [Online]. February 2017. Available from: <http://www.worldbank.org/en/publication/wdr2017>

This World Development Report 2017: Governance and the Law addresses these fundamental questions, which are at the heart of development. [Report](#) 

Promoting Integrated and Participatory Ocean Governance in Guyana.

European Union [Online]. 6 February 2017. Available from: https://eeas.europa.eu/headquarters/headquarters-homepage/20028/promoting-integrated-and-participatory-ocean-governance-guyana_en

Today marks the official launch, in Guyana, of the project Promoting Integrated and Participatory Ocean Governance in Guyana and Suriname: the Eastern Gate to the Caribbean hosted by WWF Guianas and the Protected Areas Commission.

Building international ocean governance through science and management in Europe.

UNESCO [Online]. 6 February 2017. Available from: http://www.unesco.org/new/en/media-services/single-view/news/building_international_ocean_governance_through_science_and/

Having played a central role in helping countries develop marine spatial plans since 2006, UNESCO's Intergovernmental Oceanographic Commission (IOC) welcomes the European Union's strong commitment and bold action toward integrating state-of-the-art scientific and marine planning frameworks in pursuit of effective international ocean governance.

Ship operators see limited impact from China's new emission control areas.


S&P Global Platts [Online]. 8 February 2017. Available from: <http://www.platts.com/latest-news/shipping/singapore/ship-operators-see-limited-impact-from-chinas-27765132>

The expansion of China's emission control area or ECA rules to several key ports from the start of 2017 has had little impact on ship operators and owners due to low bunker fuel prices and ample preparation time, market sources said recently.

Tanker fined for MARPOL violations. *Sea News (Turkey)* [Online]. 8 February 2017.

Available from: <http://www.seanews.com.tr/tanker-fined-for-marpol-violations/163929/> During a port state control of the "Amber 1" on Feb 7, 2017, the water police in Kiel found false waste and missing notices and suspected that food waste was disposed of at sea.

Why MEPs must act on aviation and shipping emissions. *Transport & Environment* [Online].

9 February 2017. Available from: <https://www.transportenvironment.org/publications/why-meps-must-act-aviation-and-shipping-emissions> In a plenary vote on 14 February, the European Parliament will adopt its position on reforms to Europe's emissions trading system (EU ETS) for the 4th trading period (2021-2030). [Decarbonising shipping sector in EU](#) 

Ship owners cry foul over carbon tax. *By Eric Frykberg. Radio New Zealand* [Online].

12 February 2017. Available from: <http://www.radionz.co.nz/news/business/324333/ship-owners-cry-foul-over-carbon-tax> New Zealand ship owners say they pay too much for greenhouse gas emissions when their rivals do not pay anything.

Exclusive: China mulls radical output cuts, port coal ban in war on smog - document.

By Meng Meng and Josephine Mason. *Reuters* [Online]. 13 February 2017. Available from: <http://www.reuters.com/article/us-china-pollution-idUSKBN15S0ET> China is considering forcing steel and aluminium producers to cut more output, banning coal in one of the country's top ports and shutting some fertilizer and drug plants as Beijing intensifies its war on smog, a draft policy document shows.

MEPs back plans to cut carbon emission allowances and fund low-carbon innovation.

European Parliament [Online]. 15 February 2017. Available from: <http://www.europarl.europa.eu/news/en/news-room/20170210IPR61806/meps-back-plans-to-cut-carbon-emission-allowances-and-fund-low-carbon-innovation> Plans to boost greenhouse-gas emission curbs through the EU carbon market (EU ETS), so as to bring EU climate policy into line with the aims of the Paris agreement, were backed by Parliament on Wednesday.

Parliament's emissions trading reforms the best outcome for reducing ship and aircraft CO2. *Transport & Environment* [Online]. 15 February 2017. Available from:

<https://www.transportenvironment.org/press/parliament%E2%80%99s-emissions-trading-reforms-best-outcome-reducing-ship-and-aircraft-co2> MEPs today backed reforms of the EU emissions trading system (ETS) that will, for the first time anywhere, regulate international ship CO2 emissions as well as significantly tighten the cap on aviation emissions.

Vega Faces Penalty for U.S. Ballast Water Release. *Maritime Executive* [Online].

13 February 2017. Available from: <http://www.maritime-executive.com/article/vega-faces-penalty-for-us-ballast-water-release> The U.S. Coast Guard has initiated civil penalty proceedings against the operator, Vega Reederei GmbH & Co. KG, after an investigation into ballast water discharge violations by the bulk carrier *Vega Mars*.

Industry associations hit out as EU persists with plan to include shipping in Emissions Trading System. By Bob Jaques.

Seatrade Maritime News [Online]. 16 February 2017. Available from: <http://www.goo.gl/jeHjxl> A majority of MEPs supported the proposal that international shipping (including non-EU flag ships) should be incorporated into the EU Emissions Trading System from 2023 if there is no comparable system operating in the IMO by 2021.

Market shrugs as EU lawmakers pass carbon trading reforms. By Megan Darby.

Climate Home [Online]. 15 February 2017. Available from: <http://www.climatechangenews.com/2017/02/15/market-shrugs-as-eu-lawmakers-pass-carbon-trading-reforms/> Welcomed by the steel lobby and slammed by climate advocates, a package of EU carbon market reforms passed in the European Parliament on Wednesday.

Government of Canada settles SIUC lawsuits. *Seafarers' International Union of Canada* [Online]. 15 February 2017. Available from: <http://www.seafarers.ca/government-of-canada-settles-siuc-lawsuits/> Commencing next week, the Federal Court had been set to hear arguments in dozens of lawsuits filed by the Seafarers' International Union of Canada ("SIUC") against the Government of Canada.

Chennai Port Trust to procure response vessel after Kamarajar port oil spill.

By C Shivakumar. *New Indian Express* [Online]. 16 February 2017. Available from: <http://www.goo.gl/Odp1t9> Chennai Port Trust is now taking steps to augment its capacity to contain oil spills by planning to have an oil spill response vessel.

Draft maritime law revisions say China may bar foreign ships from passing through its waters.

People's Daily Online (China) [Online]. 16 February 2017. Available from: <http://en.people.cn/n3/2017/0216/c90000-9178826.html> China is to revise its 1984 Maritime Traffic Safety Law, which would allow the relevant authorities to bar some foreign ships from passing through Chinese territorial waters.


Federal Court raps cruise ship owner for 2010 Nunavut grounding. By Jane George.

Nunatsiaq News Online (Canada) [Online]. 13 February 2017. Available from: http://www.nunatsiaqonline.ca/stories/article/65674federal_judge_raps_clipper_adventurer_oner_for_nunavut_grounding/ The owners of the Arctic cruise ship, the *Clipper Adventurer*, which famously grounded near Kugluktuk in August 2010, with 128 passengers and 69 crew members on board, has lost a \$13.5 million lawsuit they filed against the Government of Canada.

Decision: Canada v Adventure Owner Ltd. *Federal Court (Canada)* [Online].

27 January 2017. Available from: <http://decisions.fct-cf.gc.ca/fc-cf/decisions/en/item/218549/index.do> It was August 27, 2010, the day the *Clipper Adventurer* steamed full speed ahead onto an uncharted, submerged shoal.

Report identifies concerns with tanker escort tugs being built for service in Prince William Sound.

Prince William Sound Regional Citizens' Advisory Council [Online]. 10 February 2017. Available from: <http://www.pwsrcac.org/newsreleases/report-identifies-concerns-tanker-escort-tugs-built-service-prince-william-sound/> The council has identified some areas of concern with the design of the new escort and general purpose tugs under construction by Edison Chouest Offshore for use in Prince William Sound. ["A Review of the Proposed New Escort and Support Tugs for Tanker Operations on Prince William Sound"](#) 

Sri Lanka Lacks Maritime Regulations. *Sunday Leader (Sri Lanka)* [Online]. 20 February 2017. Available from: <http://www.thesundayleader.lk/2017/02/19/sri-lanka-lacks-maritime-regulations/> The Company of Master Mariners of Sri Lanka (CMMSL) a professional organization of Sri Lankan Ship Captains, jointly with the Organization of Professional Associations of Sri Lanka (OPA) held a seminar at the OPA Auditorium on February 9, 2017 on the theme of 'IMO Conventions and Maritime Regulations in Sri Lanka'.

Lack of policy integration hurts Kenya's maritime growth, says PS. By Hillary Kipkemoi. *The Star (Kenya)* [Online]. 20 February 2017. Available from: http://www.the-star.co.ke/news/2017/02/20/lack-of-policy-integration-hurts-kenyas-maritime-growth-says-ps_c1508584 Kenya is yet to realise full economic benefits from the maritime sector despite her strategic geographical position along the Indian Ocean, State Department for Shipping and Maritime Affairs has said.

Wike unveils land ship *MV Rivers Pride*, approves C of Oluwakemi Dauda. By Oluwakemi Dauda. *The Nation (Nigeria)* [Online]. 21 February 2017. Available from: <http://thenationonlineng.net/wike-unveils-land-ship-mv-rivers-pride-approves-c-ooluwakemi-dauda/> History was made in Rivers State last week when the Governor, Chief Nyesom Wike unveiled Nigeria's first-ever land ship, *MV Rivers Pride*.

Tom Miller: One Belt, One Road explained. *Splash 24/7* [Online]. 21 February 2017. Available from: <http://splash247.com/tom-miller-one-belt-one-road-explained/> An old friend of Maritime CEO's has just published a book, which should be essential for anyone in shipping with an interest in where China is heading under President Xi Jinping.

ASEAN ministers call for continuous South China Sea dialogue. By Patricia Lourdes Viray. *Philippine Star* [Online]. 21 February 2017. Available from: <http://www.philstar.com/headlines/2017/02/21/1674415/asean-ministers-call-continuous-south-china-sea-dialogue> Foreign ministers of the Association of Southeast Asian Nations (ASEAN) noted the importance of sustaining the momentum of dialogue in easing the tensions in the disputed South China Sea, the Philippines' top diplomat said on Tuesday.

Italian court investigates whether smugglers finance rescue boats. By Antonella Cinelli and Steve Scherer. *Reuters* [Online]. 17 February 2017. Available from: <http://www.reuters.com/article/europe-migrants-italy-ngo-idUSL8N1G24W2> Feb 17 The chief prosecutor of a Sicilian court said on Friday that a task force is looking into whether people smugglers may be financing rescue boats run by humanitarian groups that operate off the coast of Libya.

China and Jamaica strengthen south-south cooperation. By Qian Ding. *China Central Television (CCTV)* [Online]. 22 February 2017. Available from: <http://english.cctv.com/2017/02/22/ARTI771qvDBEUWXWUf9VCKgy170222.shtml> The beginning of the Chinese New Year has witnessed strengthening ties between China and Jamaica.

Are Canada's Coast Guard Icebreakers Ready? *Maritime Executive* [Online]. 21 February 2017. Available from: <http://www.maritime-executive.com/article/are-canadas-coast-guard-icebreakers-ready> As the ice is receding in the Arctic, human activity has been on the rise.

Fighting illegal fishing: Commission lifts 'yellow cards' for Curaçao and Solomon Islands.

European Commission [Online]. 22 February 2017. Available from:

https://ec.europa.eu/fisheries/fighting-illegal-fishing-commission-lifts-yellow-cards-cura%C3%A7ao-and-solomon-islands_en

The European Commission has lifted today the 'yellow cards' for Curaçao and Solomon Islands, recognising the significant progress both countries have made in the fight against illegal, unreported and unregulated (IUU) fishing.

Major global agreement comes into force making trade cheaper, easier and faster.

United Nations Conference on Trade and Development (UNCTAD) [Online]. 22 February 2017.

Available from: <http://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=1423>

Waiting times at customs points for trucks bringing goods into the East African nation of Rwanda dropped from an astonishing 11 days in 2010 to 34 hours in 2014 thanks to an automated "single window" system.

WTO's Trade Facilitation Agreement enters into force. *World Trade Organization (WTO)*

[Online]. 22 February 2017. Available from:

https://www.wto.org/english/news_e/news17_e/fac_31jan17_e.htm

A major milestone for the global trading system was reached on 22 February 2017 when the first multilateral deal concluded in the 21 year history of the World Trade Organization entered into force.

Singapore Plans Southeast Asia's First Carbon Tax From 2019. *By Dan Murtaugh.*

Bloomberg [Online]. 21 February 2017. Available from:

<https://www.bloomberqqint.com/markets/2017/02/21/singapore-plans-southeast-asia-s-first-carbon-tax-by-2019>

Singapore plans to implement Southeast Asia's first carbon tax starting in 2019, a move that would raise energy costs in the island nation and require more than 30 big polluters such as power plants to pay the levy.

Government of Myanmar unveils new plan to protect marine wildlife and resources.

Phys Org [Online]. 24 February 2017. Available from: <https://phys.org/news/2017-02-myanmar-unveils-marine-wildlife-resources.html>

The Government of Myanmar and WCS (Wildlife Conservation Society) announced today a comprehensive plan to protect the country's diverse fisheries and marine life - including dolphins, sea turtles, and other species - and other marine resources.

Two Vessel Engineers Convicted of Environmental and Obstruction Crimes After Trial.


US Department of Justice [Online]. 23 February 2017. Available from:

<https://www.justice.gov/opa/pr/two-vessel-engineers-convicted-environmental-and-obstruction-crimes-after-trial-vessel>

A federal jury in Charleston, South Carolina, late yesterday convicted two chief engineers of the vessel, *T/V Green Sky*, of falsifying documents in order to conceal illegal discharges of oily bilge waste and obstruction charges, announced Acting Assistant Attorney General Jeff Wood of the Justice Department's Environment and Natural Resources Division and U.S. Attorney Beth Drake of the District of South Carolina.

Oceana Report Exposes Thousands of Suspected Vessel Rendezvous at Sea. *Oceana*

[Online]. 22 February 2017. Available from: <http://usa.oceana.org/press-releases/oceana-report-exposes-thousands-suspected-vessel-rendezvous-sea>

Oceana today released a report exposing the global scale of transshipping at sea, a practice that can mask illegal fishing practices and conceal human rights abuses. [No More Hiding at Sea: Transshipping Exposed](#) 

Europe's tough line on shipping emissions. *By Terry Macalister.* *Climate News Network*

[Online]. 25 February 2017. Available from: <http://climatenewsnetwork.net/europe-tough-shipping-emissions/>

The European Parliament has lost patience with shipping industry inaction over climate change and has outlined plans to include vessels in its Emissions Trading System (ETS).

The Ballast Water Bill Is Back. By Rebecca Riley, Senior Attorney, Land & Wildlife program. *Natural Resources Defense Council (NRDC)* [Online]. 27 February 2017.

Available from: <https://www.nrdc.org/experts/rebecca-riley/ballast-water-bill-back>

Congress's favorite zombie ballast water bill has emerged from the grave again this year, hell-bent on letting special interests devastate the Great Lakes and other US waters.

MARINE TECHNOLOGY

Technology Can Turn Around Shipping's Prospects. By Tim Schweikert, CEO, GE Marine Solutions. *Maritime Executive* [Online]. 30 January 2017. Available from: <http://maritime-executive.com/blog/technology-can-turn-around-shippings-prospects>

The offshore and marine industry can look back on 2016 as one of the most bruising in recent memory.

Forget Autonomous Cars—Autonomous Ships Are Almost Here. By Oskar Levander, VP Innovation, Rolls Royce. *Institute of Electrical and Electronics Engineers (IEEE)* [Online].

28 January 2017. Available from: <http://spectrum.ieee.org/transportation/marine/forget-autonomous-cars-autonomous-ships-are-almost-here>

My colleagues and I at Rolls-Royce anticipate that the first commercial vessel to navigate entirely by itself could be a harbor tug or a ferry designed to carry cars the short distance across the mouth of a river or a fjord and that it or similar ships will be in commercial operation within the next few years.

AkzoNobel and partners developing drone technology to make marine industry safer.

AkzoNobel [Online]. 1 February 2017. Available from: <http://www.goo.gl/x17fsD> Safety in the marine industry is set to be improved after AkzoNobel, oil and gas tanker operator Barrier Group and DroneOps joined forces to develop a drone capable of remotely inspecting enclosed spaces and ballast water tanks.

MPA Expands MOU with DNV GL to include Autonomous Systems and Intelligent Shipping. *Maritime and Port Authority of Singapore (MPA)* [Online]. 3 February 2017.

Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/6172e16c-583f-4b79-8fa9-d7f3adca81ca>

A memorandum of understanding (MOU) to promote research and development (R&D) and innovation in the maritime industry was renewed between DNV GL and the Maritime and Port Authority of Singapore (MPA) today.

New electric ferry to curb Asian emissions. *The Motorship* [Online]. 2 February 2017.

Available from: <http://www.motorship.com/news101/industry-news/new-electric-ferry-to-curb-asian-emissions> A new hybrid electric ferry has been launched by the Taiwanese harbour city of Kaohsiung to curb greenhouse and diesel emissions in the area.

Carnival Maritime uses machine learning to optimise cruise operations.

By Rebecca Gibson. *Cruise and Ferry* [Online]. 2 February 2017. Available from:

<http://www.cruiseandferry.net/articles/carnival-maritime-uses-machine-learning-to-optimise-cruise-operations>

Carnival Maritime, the marine service unit for Carnival Corporation's cruise brands, has harnessed the power of machine learning and Microsoft's Cortana Intelligence Suite to better predict water consumption onboard the Costa Group's 26 cruise ships.

Type Approvals Spark Interest in Ballast Water Treatment. *Maritime Executive* [Online].

6 February 2017. Available from: <http://www.maritime-executive.com/article/type-approvals-spark-interest-in-ballast-water-treatment>

On Monday, Alfa Laval announced that the recent U.S. Coast Guard type approval for its new ballast water management system is leading to an uptick in inquiries and sales.

Is there a future for hydrogen-powered ship propulsion? By Gary Peters.

Ship-Technology.Com [Online]. 8 February 2017. Available from: <http://www.ship-technology.com/features/featureis-there-a-future-for-hydrogen-powered-ship-propulsion-5731545/> Using hydrogen fuel cells as a means of eco-friendly ship propulsion is on the agenda of a growing number of tech leaders and shipping owners.

Torvald Klaveness selects ABB's OCTOPUS marine software to help comply with environmental regulations. ABB [Online]. 7 February 2017. Available from:

<http://www.abb.com/cawp/seitp202/a755a8b13aa2ebe7c12580c000296369.aspx>

ABB's OCTOPUS marine software will be installed on three new Torvald Klaveness vessels to help them meet incoming emissions regulations.

Ask the expert - Why is marine oil testing important? By Jonas Östlund, Product Marketing Manager, Oil Solutions.

Wilhelmsen [Online]. 8 February 2017. Available from: <http://www.wilhelmsen.com/marine-products/oil-solutions/ask-the-expert--why-is-marine-fuel-testing-important/> There are a host of issues, which can arise in marine fuels, which are not covered by the current fuel specifications.

Genoil Inc. signs MOU for low sulphur fuel collaboration with Bomin Group. Genoil Inc.

[Online]. 13 February 2017. Available from: <http://genoil.ca/genoil-inc-signs-mou-for-low-sulphur-fuel-collaboration-with-bomin-group/> Genoil Inc., (OTCQB:GNOLF), the publicly traded clean technology engineering company for the petroleum industries, today announced the signing of a Memorandum of Understanding (MOU) with the Bomin Group, a leading global physical supplier and trader of marine fuel, for a potential collaboration to develop low sulphur fuel products compliant with the International Maritime Organization's (IMO) newly announced global low sulphur fuel regulations.

Shipping leaders set course for digital future. By Stuart Brewer, Beacon

Communications. *Splash 24/7* [Online]. 21 February 2017. Available from:

<http://splash247.com/shipping-leaders-set-course-digital-future/> Services to help Norwegian business make greater use of digitalisation, and create new business models, methods of production and customer interfaces are included in the Digital Norway Centre designed to achieve a step change across the Norwegian shipping.

Carnival Corporation's Exhaust Gas Cleaning Technology Installed on 60 Percent of Fleet. Carnival Corporation & Plc [Online]. 27 February 2017. Available from:

<http://www.carnivalcorp.com/phoenix.zhtml?c=200767&p=irol-newsArticle&ID=2249739>

World's largest leisure travel company on track to expand its breakthrough environmental technology to more than 85 vessels across its global fleet through 2020 Company's \$400 million investment to develop and deploy systems improves quality of air emissions, reinforces commitment to environment.

The move to digitise accelerates in container ship sector. By Rebecca Moore.

Container Shipping & Trade [Online]. 27 February 2017. Available from:

http://www.containerst.com/news/view,the-move-to-digitise_46661.htm The importance of digitisation and automation will continue to gather momentum and will have a considerable impact on container shipping according to a new book, *Liner Shipping 2025 – How to survive and thrive*, by Lars Jensen, chief executive and founder of SealIntelligence Consulting.

MARITIME SAFETY

Increase in frequency of fires onboard car/ro-ro passenger vessels.


Ship Management International [Online]. 8 February 2017. Available from:

<http://shipmanagementinternational.com/increase-in-frequency-of-fires-onboard-carro-ro-passenger-vessels/>

The International Union of Marine Insurance (IUMI) has today (Wednesday) published a position paper voicing its concerns with fires on ro-ro passenger vehicles.

Position paper of the International Union of Marine Insurance (IUMI) Fires on ro-ro passenger vehicle decks.

International Union of Marine Insurance (IUMI) [Online].

7 February 2017. Available from: [Position Paper](#)  The deadly fires aboard the ferries "Norman Atlantic" just before New Year 2014 and the "Sorrento" in April 2015, prompted an international response from the UN International Maritime Organization (IMO) in May 2015.

New route to compliance for ferries.

Royal Institution of Naval Architects (RINA) [Online].

February 2017. Available from:

https://www.rina.org.uk/New_route_to_compliance_for_ferries.html

Passenger ship safety was high on the agenda at the IMO's Maritime Safety Committee meeting MSC 97 in November as regulators pushed forward with new proposals on damage stability and "survivability" in the event of a collision. For the moment, changes to the rules must wait, with further work on the proposals deemed necessary before the MSC meets again in June next year.

Safety discrepancies addressed, *Majesty* cleared to sail by USCG. By Anne Kalosh.

Seatrade Cruise News [Online]. 14 February 2017. Available from: <http://www.seatrade-cruise.com/news/news-headlines/rci-working-to-correct-majesty-safety-violations-cited-by-uscg.html> Royal Caribbean International's *Majesty of the Seas* sailed Tuesday afternoon from Port Canaveral after safety discrepancies were addressed, a US Coast Guard public affairs officer said.

MARITIME SECURITY

EU boosts Libya coastguard training to stem migrant flow.

EurActiv [Online]. 31 January 2017. Available from: <http://www.euractiv.com/section/global-europe/news/eu-boosts-libya-coastguard-training-to-stem-migrant-flow/>

The European Union on Monday (30 January) kicked off the second stage of a training scheme for Libya's coastguard to stem the trafficking of migrants.

Launch of U.S. Maritime Advisory System-Global.

US Maritime Administration (MARAD) [Online]. 26 January 2017. Available from:

<https://www.marad.dot.gov/msci/advisory/2017/22729/>

This message announces the launch of the new U.S. Maritime Advisory System, which represents the most significant update since 1939 to the U.S. government process for issuing maritime security alerts and advisories.

Shipping industry vulnerable to cyber attacks and GPS jamming. By Luke Graham.

CNBC [Online]. 1 February 2017. Available from: <http://www.cnbc.com/2017/02/01/shipping-industry-vulnerable-to-cyber-attacks-and-gps-jamming.html>

The shipping industry is increasingly at risk from cybersecurity attacks and a gap in insurance policies is leaving them vulnerable, industry experts have told CNBC.

Maritime cyber security: On whose radar? By Sally Daultrey. *Fox News* [Online]. 3 February 2017. Available from: <http://www.foxnews.com/world/2017/02/03/maritime-cyber-security-on-whose-radar.html> 🗞️ Glance through the headlines on any given day and it's easy to conclude that cyber security is mostly a city problem - high densities of people and their data create a virtual environment that's rich with opportunity for criminals seeking to exploit financial systems and the Internet of Things.

Addressing maritime insecurity in the Horn of Africa. *Oceans Beyond Piracy* [Online]. February 2017. Available from: <http://www.goo.gl/qV5pn6> 🗞️ Recent security incidents targeted at both military and commercial vessels in the Horn of Africa may indicate an evolving maritime threat that could lead to major maritime disruptions, particularly in the Bab el Mandeb.

Alleged Missile Attack on Riyadh Should Concern Shipping Lines in Gulf Region. *Handy Shipping Guide* [Online]. 7 February 2017. Available from: http://www.handyshippingguide.com/shipping-news/alleged-missile-attack-on-riyadh-should-concern-shipping-lines-in-gulf-region_7749 🗞️ The ongoing conflict between the Gulf Arabs and Iran via the latter's Yemeni Houthi tribesmen proxy has shown a marked escalation recently that shipping lines and oil companies will be watching with great trepidation.

Cyber Security interview with Phil Tinsley, Manager, BIMCO Maritime Security. *Hellenic Shipping News* [Online]. 9 February 2017. Available from: <https://www.hellenicshippingnews.com/cyber-security-interview-with-phil-tinsley-manager-bimco-maritime-security/> 🗞️ BIMCO's Phil Tinsley discusses the risk of cyber security in shipping and highlights what owners need to be putting in place to reduce the risk.

When US Coast Guards came calling. By Isaac Anumihe. *The Sun (Nigeria)* [Online]. 13 February 2017. Available from: <http://sunnewsonline.com/when-us-coast-guards-came-calling/> 🗞️ ISPS Code is a comprehensive set of measures to enhance the security of ships and port facilities, developed in response to the perceived threats to ships and port facilities in the wake of the September 11, 2001 terrorist attacks on World Trade Centre in US.

UN Security Council urges joint measures to protect 'critical infrastructure' from terrorist attacks. *UN News Centre* [Online]. 13 February 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=56163> 🗞️ Given the importance of critical infrastructure for a country's prosperity and security and against the backdrop of increasingly diverse physical and cyber threats from terrorist groups, the United Nations Security Council today underlined the need for international collaboration - both domestically and across borders - to ensure their protection. [Chris Trelawny \(IMO\) - Presentation to the Security Council: Protection of critical infrastructure against terrorist attacks](#) 🗞️

Calls for extra vigilance in Sulu Sea as crew abductions continue. By Wei Zhe Tan. *Lloyd's List* [Online]. 14 February 2017. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article549534.ece> 🗞️ Crew kidnapping incidents in the Sulu-Celebes Sea continue to be a worrying trend in the region, according to the Singapore-based Regional Co-operation Agreement on Combating Piracy and Armed Robbery against Ships in Asia Information Sharing Centre.

Adm. Michel: Icebreakers are a national security imperative. By Stephanie Young. *US Coast Guard Compass* [Online]. 13 February 2017. Available from: <http://coastguard.dodlive.mil/2017/02/adm-michel-icebreakers-are-a-national-security-imperative/> 🗞️ Today, as *Polar Star* and crew are at the far reaches of our planet for Operation Deep Freeze, senior Coast Guard leaders gathered in the nation's capital to communicate the strategic need for icebreakers.

Dignity Operation seizes foreign commercial ship en route to Misrata.

By Abdulalkader Assad. *Libya Observer* [Online]. 19 February 2017. Available from: <https://www.libyaobserver.ly/news/dignity-operation-seizes-foreign-commercial-ship-en-route-misrata> A boat of Khalifa Haftar-led forces intercepted a commercial ship sailing on the sea from South Korea and heading to Misrata port.

ISPS Code – How it figures in PH fight against terrorism. By Brenda V. Pimentel.

Manila Times [Online]. 18 February 2017. Available from: <http://www.manilatimes.net/isps-code-figures-ph-fight-terrorism/312849/> The International Maritime Organization (IMO) adopted the International Ship and Port Facility Security Code (ISPS Code) in 2002 following the attack on the Twin Towers in the US. The Code aims to detect threats to security and introduce measures to prevent security incidents on ships and port facilities.

Incident Alert Abduction of Crew of *Giang Ha*. ReCAAP [Online]. 20 February 2017.

Available from: <http://www.goo.gl/Lslnzo> On 20 Feb 17, the ReCAAP ISC received report from the Focal Point (Vietnam) about an abduction incident occurred on a Vietnam-registered ship, *Giang Hai*.

ABS Issues Industry's First Cyber Safety Notation. ABS (American Bureau of Shipping)

[Online]. 21 February 2017. Available from: <http://ww2.eagle.org/en/news/press-room/2017/ABS-Issues-Industrys-First-Cyber-Safety-Notation.html> ABS, a leading provider of classification and technical services to the marine and offshore industries, has issued its first notation for the ABS Guide for Cybersecurity Implementation for the Marine and Offshore Industries.

Navy foils Abus' hijack attempt on foreign vessel. By Roel Pareño. *Philippine Star* [Online].

24 February 2017. Available from: <http://www.philstar.com/nation/2017/02/24/1675375/navy-foils-abus-hijack-attempt-foreign-vessel> Abu Sayyaf militants attempted to hijack a foreign registered vessel but was thwarted by the patrolling naval gunboat on the border of *Sulu Sea*.

Coast Guard offloads in Puerto Rico over \$125 million dollars' worth of seized cocaine interdicted in the Atlantic Ocean. United States Coast Guard [Online]. 27 February 2017.

Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/1897163> The Coast Guard offloaded Monday approximately 4.2 tons of seized cocaine, worth an estimated \$125 million in wholesale value, at Coast Guard Sector San Juan.

MARITIME TRAINING

Marlins and Human Rights at Sea new Diversity and Inclusion at Sea course goes live.

Human Rights at Sea (HRAS) [Online]. 31 January 2017. Available from: <https://humanrightsatsea-news.org/2017/01/31/marlins-and-human-rights-at-sea-new-diversity-and-inclusion-at-sea-course-goes-live/> Marlins, V. Group's training business and Human Rights at Sea collaboration on a Diversity and Inclusion at Sea e-learning course is now available and being offered free of charge to individual seafarers for a limited time via Marlin's online shop.

SA's dedicated cadet training vessel, *SA Agulhas*; sails yet again deep into the Antarctica for research and training. *South African Maritime Safety Authority (SAMSA)* [Online].

1 February 2017. Available from: <https://blog.samsa.org.za/2017/02/01/sas-dedicated-cadet-training-vessel-sa-agulhas-sails-yet-again-deep-into-the-antarctica-for-research-and-training/> The *SA Agulhas*, South Africa's only dedicated cadet training vessel under command of the South African Maritime Safety Authority (SAMSA) has clocked yet another milestone after reaching its half-way point on Monday in a research survey expedition to the ice cordoned southern seas of the Antarctica, a journey that began just before Christmas last year.

Most Training Providers Expect to Implement Revised International Maritime Standards by the Deadline Despite Challenges. *US Government Accountability Office (GAO)* [Online]. 31 January 2017. Available from: <http://www.gao.gov/products/GAO-17-40> Most training providers (80 percent) who responded to GAO's survey reported that they were satisfied with guidance the U.S. Coast Guard (Coast Guard) provided to assist them in implementing the revised International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW) requirements.

Yong: Time for a maritime academy. *Daily Express (Malaysia)* [Online]. 2 February 2017. Available from: <http://www.dailyexpress.com.my/news.cfm?NewsID=115496> Tragic incidents at sea, which could have been avoided, can be greatly reduced if Sabah has complete infrastructure for its maritime economy and a culture of professionalism among a pool of trained mariners backed by fully equipped maritime authorities.

Last Port of Call for the US Merchant Marine? By Charlie Papavizas, Partner, Winston & Strawn LLP. *MarineLink.Com* [Online]. 6 February 2017. Available from: <http://www.marinelink.com/news/merchant-marine-call421701> The privately owned U.S.-flag foreign trading fleet, which is an essential component of U.S. sealift capability, stands on the edge of a precipice.

Debunking the human error myth. By Professor Margareta Lützhöft. *Australian Maritime College* [Online]. 6 February 2017. Available from: <http://www.amc.edu.au/about-amc/news-and-events/news-items/debunking-the-human-error-myth> Over the last decades, the divide between humans and systems is widening as technology - which now intrudes on almost all aspects of our lives - frequently fails to be designed for the person who will be using it.

First batch of international maritime scholars graduate from NMP. *Philippine Information Agency* [Online]. 11 February 2017. Available from: <http://news.pia.gov.ph/article/view/1141486723970/first-batch-of-international-maritime-scholars-graduate-from-nmp> Six pioneer scholars of International Mariners Management Association of Japan-Philippine-Japan Manning Consultative Council, Inc. (IMMAJ-PJMCC) completed the IMO Model Course 6.10 Training Course for Simulator Instructors and Assessors at the National Maritime Polytechnic (NMP), the only government-owned maritime training and research institute in the country.

Grupo Navega supporting the Boarding Program for Maritime Cadets. *All About Shipping* [Online]. 11 February 2017. Available from: <http://www.allaboutshipping.co.uk/2017/02/11/grupo-navega-supporting-the-boarding-program-for-maritime-cadets/> Capt. Antonio M. Padrón y Santiago, "IMO Maritime Ambassador" and Maritime Authority of Tenerife, held a meeting with Mr. Sergio W. Smit, CEO of GRUPO NAVEGA, during his visit to Tenerife.

NIMASA to resuscitate Nigerian Maritime Resource Development Centre. *Vanguard (Nigeria)* [Online]. 10 February 2017. Available from: <http://www.vanguardngr.com/2017/02/nimasa-resuscitate-nigerian-maritime-resource-development-centre/> The Nigerian Maritime Administration and Safety Agency (NIMASA) is to rehabilitate the Nigerian Maritime Resource Development Centre (NMRDC) Kirikiri, Apapa, Lagos, to improve revenue generation and ensure the operations of the agency conform with international best practices.

National Port Authority Conducts Training For Liberian Marines. By Edwin G. Genoway.

Front Page Africa [Online]. 14 February 2017. Available from:

<http://frontpageafricaonline.com/index.php/news/3379-national-port-authority-conducts-training-for-liberian-marines> The first phase of the training currently taking place in Monrovia is under a mandate from the International Maritime Organization (IMO).

United States Merchant Marine Academy Announces Resumption of Commercial Sea Year. US Maritime Administration (MARAD) [Online].

15 February 2017. Available from:

https://www.marad.dot.gov/newsroom/news_release/2017/united-states-merchant-marine-academy-announces-resumption-of-commercial-sea-year/ The United States Merchant Marine Academy (USMMA) today announced that Sea Year training for USMMA Midshipmen will resume on three commercial carriers beginning in March, 2017.

MVS helps cadets get life at sea with a good CV. Ship Management International [Online].

20 February 2017. Available from: <http://shipmanagementinternational.com/mvs-helps-cadets-get-life-at-sea-with-a-good-cv/> A group of young nautical cadets keen to improve their chances of a career at sea have teamed up with the Fleetwood unit of a national maritime charity for real work experience opportunities.

Senate to debate bill to make Maritime Institute a university on Friday. Jamaica Observer

[Online]. 21 February 2017. Available from: <http://www.jamaicaobserver.com/news/Senate-to-debate-bill-to-make-Maritime-Institute-a-university-on-Friday> The Upper House of Parliament is set to debate a bill to confer university status on the Caribbean Maritime Institute (CMI) at its next sitting on Friday.

Skills training for seagoing Engineering Cadets. Cape Peninsula University of Technology (South Africa) [Online].

23 February 2017. Available from: <http://www.cput.ac.za/newsroom/news/article/3292/skills-training-for-seagoing-engineering-cadets> In yet another first for the African continent, CPUT has teamed up with industry and the College of Cape Town (CCT) to launch a project to boost the skills of marine engineering students.

Senate Approves Bill for CMI to Become a University. By Christ Patterson.

Jamaica Information Service [Online]. 26 February 2017. Available from:

<http://jis.gov.jm/senate-approves-bill-cmi-become-university/> The Caribbean Maritime Institute (CMI) will now gain university status, following the passage of legislation in both Houses of Parliament to effect this.

Expansion of maritime education and training to South Africa's TVETs presents innovation opportunities: SAMSA. South African Maritime Safety Authority (SAMSA) [Online].

27 February 2017. Available from: <https://blog.samsa.org.za/2017/02/27/expansion-of-maritime-education-and-training-to-south-africas-tvets-presents-innovation-opportunities-samsa/>

South Africa's expansion of the reach of maritime education and training through extension also to the country's Technical and Vocational Education and Training (TVET) institutions beginning 2017, is facing huge challenges, among which is the lack of suitably qualified tutors.

Ushakov University suggests development of a simulator for training of specialists in compliance with BWMC 2004. Port News [Online].

27 February 2017. Available from:

<http://portnews.ru/news/234934/> Federal State Educational Institution of higher vocational training "Admiral Ushakov Maritime University" is the largest educational institution of water transport and the only higher educational institution in the South of Russia training marine specialists for shipping companies, building and shipbuilding plants, works of water transport, ports and transport terminals.

MIGRANTS

Mediterranean Migrant Arrivals Reach 5,483 Deaths at Sea: 253.

International Organization for Migration (IOM) [Online]. 31 January 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-5483-deaths-sea-253>
IOM reports that 5,483 migrants and refugees entered Europe by sea in 2017 through 29 January.

Malta Declaration by the members of the European Council on the external aspects of migration: addressing the Central Mediterranean route. *European Council* [Online].

3 February 2017. Available from: <http://www.consilium.europa.eu/en/press/press-releases/2017/02/03-malta-declaration/> We reaffirm our determination to act in full respect of human rights, international law and European values, and in conjunction with UNHCR and IOM.

Stop stopping the Libyan migrants: Start asking why they are coming. By Imogen Sudbery, International Rescue Committee. *EurActiv* [Online]. 3 February 2017.


Available from: <http://www.euractiv.com/section/global-europe/opinion/stop-stopping-the-libyan-migrants-start-asking-why-they-are-coming/> EU leaders are discussing plans to stop people embarking from Libya from reaching Europe's shores, the details of which seem unworkable, counterproductive and morally dubious, writes Imogen Sudbery.

Mediterranean Migrant Arrivals Reach 11,010; Deaths: 255.

International Organization for Migration (IOM) [Online]. 7 February 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-11010-deaths-255>
IOM reports that 11,010 migrants and refugees entered Europe by sea in 2017 through 5 February – about 85 percent arriving in Italy and the rest in Greece.

Legal Migration, Rights, Protection for Vulnerable African Migrants Key to Implementation of 2015 Valletta Action Plan: IOM. *International Organization for Migration (IOM)* [Online]. 7 February 2017. Available from: <http://www.iom.int/news/legal-migration-rights-protection-vulnerable-african-migrants-key-implementation-2015-valletta> IOM will highlight the need for more legal channels, better migrant protection and the centrality of human rights in its contribution to discussions starting Wednesday (8/2) at the first intercontinental, high-level meeting to follow up on progress made since the Valletta Summit on Migration held in November 2015.

More rescue boats, more migrants drowning in the Med. By Natalie Huet. *Euronews* [Online]. 15 February 2017. Available from: <http://www.euronews.com/2017/02/15/more-rescue-boats-more-migrants-drowning-in-the-med> Yet the number of people dying en route from Libya to Italy has hit a record high, as smugglers pack ever more people onto unseaworthy boats.

FRONTEX publishes risk analysis for 2017. *Frontex European Border and Coast Guard Agency* [Online]. 15 February 2017. Available from: <http://frontex.europa.eu/news/frontex-publishes-risk-analysis-for-2017-CpJiC8> In 2016, migration pressure at Europe's external borders remained high with the detection of over half a million illegal border-crossings.
[Risk Analysis for 2017](#) 

ICS calls on UN to act on migrant deaths. By Anastassios Adamopoulos. *Lloyd's List* [Online]. 17 February 2017. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article549924.ece> The elimination, or at least the reduction, of the deaths of migrants crossing the Mediterranean Sea must become a priority backed by a co-ordinated UN effort, the International Chamber of Shipping recently argued.

Libya | Maritime Incidents Libyan coast Update | 2 - 15 February 2017.

International Organization for Migration (IOM) [Online]. 17 February 2017. Available from: <http://www.iom.int/sitreps/libya-maritime-incidents-libyan-coast-update-2-15-february-2017>

Mediterranean Migrant Arrivals Reach 12,381; Deaths: 272.

International Organization for Migration (IOM) [Online]. 17 February 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-12381-deaths-272>

IOM reports that 12,381 migrants and refugees entered Europe by sea in 2017 through 15 February – just under 9,500 to Italy, just under 2,000 to Greece, and 1,000 to Spain.

Mediterranean Migrant Arrivals Reach 13,170, Deaths: 272.

International Organization for Migration (IOM) [Online]. 21 February 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-13170-deaths-272> IOM reports that 13,170 migrants and refugees entered Europe by sea in 2017, through 19 February, with over 75 percent arriving in Italy and the rest in Greece and Spain.


Bodies of 27 migrants recovered in west Libya, 13 in shipping container. By Aidan Lewis.

Reuters [Online]. 23 February 2017. Available from: <http://uk.reuters.com/article/uk-europe-migrants-libya-idUKKBN16225U> The migrants found in the container appear to have been locked inside it for several days as it was transported to the coast at Khoms, where they were to attempt to cross the Mediterranean towards Europe, the Red Crescent said in a statement.

Refugees and migrants face heightened risks while trying to reach Europe – UNHCR

report. *United Nations High Commissioner for Refugees (UNHCR)* [Online]. 27 February 2017. Available from: <http://www.unhcr.org/en-us/news/press/2017/2/58b458654/refugees-migrants-face-heightened-risks-trying-reach-europe-unhcr-report.html> In a new report, UNHCR, the UN Refugee Agency, details the impact of the increased border restrictions introduced in 2016 on refugee and migrant movements towards and inside Europe.

Desperate Journeys: Refugees and migrants entering and crossing Europe via the Mediterranean and Western Balkans routes.

United Nations High Commissioner for Refugees (UNHCR) [Online]. February 2017. Available from: <http://www.unhcr.org/58b449f54>  The number of refugees and migrants arriving by sea to Europe decreased significantly in 2016 from 2015 with a further decrease since March mostly due to fewer people using the Eastern Mediterranean route.

NAVIGATION AND COMMUNICATIONS

The new mid-winter Arctic shipping: tanker makes it through Bering Strait to pick up oil in Yamal. By Atle Staalesen.

Independent Barents Observer (Norway) [Online].

1 February 2017. Available from: <http://www.goo.gl/ossIWh> The «Shturman Ovtzyn» set course for the history books when it in late December left the yard of the Samsung Heavy Industries in South Korea.

Below Zero: The art of icebreaking. By David Mosley.

US Coast Guard Compass [Online]. 6 February 2017. Available from: <http://coastguard.dodlive.mil/2017/02/below-zero-the-art-of-icebreaking/> The process of icebreaking involves more than using the biggest hammer and busting your way through.

Don't swim against the tide, make the most of your crew's connection.

By Trevor Whitworth, Globecom Maritime. *Splash 24/7* [Online]. 8 February 2017. Available from: <http://splash247.com/dont-swim-tide-make-crews-connections/> The shipping industry's response to improved communications at sea has failed to reflect the needs of seafarers or the potential of new technology.

Northern Sea Route requires port infrastructure, skilled personnel — FESCO.

TASS Russian News Agency [Online]. 13 February 2017. Available from: <http://tass.com/economy/930637> Those factors are the weak port infrastructure, lack of repairing and refuelling bases, high costs of icebreaker's exploration, shortage of trained personnel, and others, he said. While in the Arctic's western part some projects on NSR development have begun, in the eastern part this work is at the very beginning.

Arctic Shipping Traffic Has Been Rising for Decades. By Eva Holland. *Hakai Magazine (Canada)* [Online]. 13 February 2017. Available from: <https://www.hakaimagazine.com/article-short/arctic-shipping-traffic-has-been-rising-decades> Last summer, when the *Crystal Serenity* weaved through Canada's Arctic maze, it became the first large-scale, luxury cruise ship to transit the Northwest Passage.

Ice management – the enabler of Arctic ice operations. By Åke Rohlén and Anders Backman, Arctic Marine Solutions. *Tanker Shipping & Trade* [Online]. 16 February 2017. Available from: http://www.tankershipping.com/news/view,ice-management-the-enabler-of-arctic-ice-operations_46563.htm The introduction of the Polar Code gives a fundamental framework for Arctic operations.

Broadband boosted for Caribbean cruise and Atlantic shipping. By Martyn Wingrove. *Marine Electronics and Communications* [Online]. 16 February 2017. Available from: http://www.marinemec.com/news/view,broadband-boosted-for-caribbean-cruise-and-atlantic-shipping_46557.htm Arianespace has launched the third of Intelsat's EpicNG satellites that will deliver high throughput broadband to ships in the North Atlantic and cruise lines in the Caribbean.

Demand for High-Speed Polar Connectivity Grows. *Maritime Executive* [Online]. 19 February 2017. Available from: <http://www.maritime-executive.com/editorials/demand-for-high-speed-polar-connectivity-grows> The entry into force of the Polar Code from January 2017 and high profile orders for expedition cruise ships ensure polar shipping remains a hot topic.

Systems Readied for Sea Traffic Management Trial. *Maritime Executive* [Online]. 23 February 2017. Available from: <http://maritime-executive.com/article/systems-readied-for-sea-traffic-management-trial>  Electronics and ECDIS supplier Furuno has announced it will provide 43 ships with systems for the E.U. Sea Traffic Management (STM) project trial.

PIRACY

Nigerian pirates take Russian, Ukrainian sailors hostage. *TASS Russian News Agency* [Online]. 8 February 2017. Available from: <http://tass.com/world/929662> Seven Russian citizens and one Ukrainian citizen have been kidnapped from the ship, according to the Russian embassy.

Navy Rescues Oil Tanker from Pirates. By Paul Obi. *This Day (Nigeria)* [Online]. 9 February 2017. Available from: <http://www.thisdaylive.com/index.php/2017/02/09/navy-rescues-oil-tanker-from-pirates/> As part of the strategy to rid the nation of maritime crimes, the Nigerian Navy yesterday rescued an oil tanker hijacked by pirates around Bonny Island.

Navy thwarts pirate attack on Iranian vessel. *MEHR News Agency (Iran)* [Online]. 13 February 2017. Available from: <http://en.mehrnews.com/news/123531/Navy-thwarts-pirate-attack-on-iranian-vessel> Naval forces have successfully saved an Iranian-owned trade ship from pirates in the Bab el-Mandeb Strait, which connects the Red Sea to the Gulf of Aden.

US warns of growing piracy risk off West Africa. *Pulse.Ng (Nigeria)* [Online]. 15 February 2017. Available from: <http://pulse.ng/world/trump-us-warns-of-growing-piracy-risk-off-west-africa-id6223392.html> The United States is increasingly worried about pirate attacks off West Africa and is committed to helping countries bolster security in the region, a US diplomat said Tuesday.

Updated: One dead, seven kidnapped in attack on cargo vessel in Southern Philippines. By Marcus Hand. *Seatrade Maritime News* [Online]. 20 February 2017. Available from: <http://www.seatrade-maritime.com/news/asia/one-dead-seven-kidnapped-in-attack-on-cargo-vessel-in-southern-philippines.html> Philippines gunmen attacked a Vietnamese cargo vessel in the south of the country killed one crew member and kidnapping seven on Sunday evening.

Libyan Militants Release Car Carrier *Morning Compass*. *World Maritime News* [Online]. 21 February 2017. Available from: <http://worldmaritimeneews.com/archives/213302/libyan-militants-release-car-carrier-morning-compass/> After Libyan militants seized the car carrier *Morning Compass*, the vessel was released from captivity on February 21, the ship's charterer Korean shipping firm EUKOR Car Carriers informed.

PORT STATE CONTROL

Building on American relationships. *Marine Professional / IMarEST* [Online]. 1 February 2017. Available from: <https://www.imarest.org/themarineprofessional/item/3088-building-on-american-relationships> Like others in the classification business of equivalent experience, the working life of ClassNK Los Angeles Office general manager John J. Kim has coincided with profound change in maritime regulations brought about by the creation of port state control (PSC).

Foreign flagged ships under detention in the UK during January 2017. *UK Maritime & Coastguard Agency* [Online]. 8 February 2017. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-january-2017> The Maritime and Coastguard Agency (MCA) announced today that nine foreign flagged ships were under detention in UK ports during January 2017 after failing Port State Control (PSC) inspection.

PORTS AND HARBOURS

Europort tackles shipping's big issues for 2017. *Port News* [Online]. 30 January 2017.

Available from: <http://portnews.ru/news/233410/> Shipping's data revolution, its environmental responsibilities and its continuing reliance on 'the human factor' will be the focus of attention as the eyes of the maritime world turn once more to Rotterdam between 7th-10th November 2017, for the staging of the long-established, and always well-supported Europort event, the event organizers say in a press release.

America cruise terminal - New location for cruise ships. *Port of Gothenburg* [Online].

2 February 2017. Available from: <https://www.portofgothenburg.com/news-room/press-releases/america-cruise-terminal--new-location-for-cruise-ships/> Over 100 years ago, the first Swedish American Line vessel sailed for the USA from Stigbergskajen in Gothenburg.

Major Ports to Go Green, to Save Rs. 75 Crore Annually. *Government of India* [Online].

1 February 2017. Available from: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=157885> The Ministry of Shipping, as a part of its 'Green Port Initiative' has been emphasizing on use of renewable sources of energy to power Major Ports across the nation.

NIMASA has increased Economic activities at Ports, Jetties – DG. *Nigerian News Direct*

[Online]. 3 February 2017. Available from: <http://nigeriannewsdirect.com/nimasa-has-increased-economic-activities-at-ports-jetties-dg/> The Nigerian Maritime Administration and Safety Agency (NIMASA) said it had increased activities at various jetties and terminals across the country.

Tackling processes. *Port Strategy* [Online]. 3 February 2017. Available from:

<http://www.portstrategy.com/news101/port-profile/new-zealand-port-profile> New Zealand's southernmost port, South Port, is reaping the benefits of a commitment to the "Lean" production philosophy as well as ensuring the maximum utilisation of its infrastructure, as evidenced by consecutive annual records in both profit and cargo volume.

The Port of Tallinn is digitalising the shipping industry. By Valdo Kalm, Chairman, Port of Tallinn. *European CEO* [Online]. 2 February 2017. Available from:

<http://www.europeanceo.com/business-and-management/the-port-of-tallinn-is-digitalising-the-shipping-industry/> Through the integration of new digital standards and innovative loading systems, the Port of Tallinn is making shipping more efficient, environmentally friendly, and affordable for all parties.

Week long joint operation at major WA ports 'sends a strong warning'. By Phil Hickey.

Sydney Morning Herald (Australia) [Online]. 7 February 2017. Available from: <http://www.smh.com.au/wa-news/week-long-joint-operation-at-major-wa-ports-sends-a-strong-warning-20170207-gu7moq.html> A joint operation aimed at deterring criminality at major WA ports has resulted in dozens of ID checks and vessels being boarded for compliance inspections.

Africa's ports revolution: West Coast to welcome the world. By David Rogers.

Global Construction Review (GCR) Chartered Institute of Building [Online]. 7 February 2017. Available from: <http://www.globalconstructionreview.com/sectors/africas-ports-revolution-w7est-coa7st-welc7ome/> A number of factors are coming together to propel the container port market along the west coast of Africa between the two desert states of Mauritania in the north and Namibia in the south.

Panama Canal: Maneuvering fuel requirements revised. *Green4Sea* [Online]. 8 February 2017. Available from: <http://www.green4sea.com/panama-canal-maneuvering-fuel-requirements-revised/> The Panama Canal Authority has issued advisory in order to inform on a few revised requirements regarding the maneuvering operations in Canal waters, effective as of January 2017.

'Ships berthing at ports lowest in 2016'. By Chuka Odittah. *Guardian (Nigeria)* [Online]. 9 February 2017. Available from: <https://guardian.ng/news/ships-berthing-at-ports-lowest-in-2016/> Ship traffic statistics at Nigerian ports has shown that the number of ships that berthed at various Nigerian ports continued to drop from 2013 with the highest level in 2016.

Adjustment of the navigation channel on the Lower and Outer Elbe. *Port of Hamburg* [Online]. 9 February 2017. Available from: <https://www.hafen-hamburg.de/en/adjustment-navigation-channel> On 9 February 2017 the Federal Administrative Court in Leipzig announced the decision in the procedure concerning the fairway adjustment of the river Elbe.

Court: Elbe Dredging "Partially Illegal". *World Maritime News* [Online]. 9 February 2017. Available from: <http://worldmaritimeneews.com/archives/212324/court-elbe-dredging-partially-illegal/> Germany's Federal Administrative Court (Bundesverwaltungsgericht) in Leipzig has approved in principle the plan to dredge the river Elbe, stating that it needs to be revised by taking into account environmental concerns.

Jamaica Poised to Become Region's Top Cruise Destination – Bartlett. By Garwin Davis. *Jamaica Information Service* [Online]. 8 February 2017. Available from: <http://jis.gov.jm/jamaica-poised-become-regions-top-cruise-destination-bartlett/> Minister of Tourism, Hon. Edmund Bartlett, says Jamaica's hosting of the six largest ships in the world is proof that the island is poised to become the region's number one cruise destination.

APM Terminals increases Port Elizabeth investment plans to USD \$200 million in preparation for ultra large container ships. *APM Terminals* [Online]. 22 February 2017. Available from: <http://www.apmterminals.com/en/news/press-releases/2014/12/apm-terminals-increases-port-elizabeth> Alongside infrastructure improvement projects announced by the Port Authority NY/NJ, this investment will further enable global trade at the largest container terminal on the east coast of the United States.

RECYCLING OF SHIPS

Platform publishers list of ships dismantled worldwide in 2016. *NGO Shipbreaking Platform* [Online]. 1 February 2017. Available from: <http://www.shipbreakingplatform.org/press-release-platform-publishes-list-of-ships-dismantled-worldwide-in-2016/> The list of all ships dismantled around the world in 2016, which the NGO Shipbreaking Platform has compiled and analysed, shows no improvements of the shipping industry's management of its end-of-life vessels.

Balochistan CM bans dismantling of ships with oil, LPG at Gadani. By Saleem Shahid. *Dawn (Pakistan)* [Online]. 3 February 2017. Available from: <http://www.dawn.com/news/1312451/balochistan-cm-bans-dismantling-of-ships-with-oil-lpg-at-gadani> Balochistan Chief Minister Nawab Sanaullah Khan Zehri on Thursday imposed a ban on dismantling of oil tankers and LPG containers at the Gadani shipbreaking yard until a proper safety mechanism was put in place to save the lives of people working there.

Ship recycling contributing significantly to economy: Amu.

National News Agency of Bangladesh [Online]. 22 February 2017. Available from:

<http://www.bssnews.net/newsDetails.php?cat=2&id=644331&date=2017-02-22>

Industries minister Amir Hossain Amu today said ship recycling is contributing significantly to the national economy as the sector is supplying raw material to the steel and re-rolling mills.

REGULATIONS

Total and CMA CGM Prepare for New Environmental Regulations in the Shipping Industry. *Total* [Online]. 1 February 2017. Available from:

<http://www.total.com/en/media/news/press-releases/Total-and-CMA-CGM-Prepare-for-New-Environmental-Regulations-in-the-Shipping-Industry>

The two partners will be combining their expertise to prepare for stricter fuel regulations in the shipping industry and further reduce the sector's footprint by developing solutions that make container ships ever more environmentally-friendly.

Ballast Water Management – How to comply with the IMO Convention. *DNV GL* [Online].

3 February 2017. Available from: <https://www.dnvgl.com/news/ballast-water-management-how-to-comply-with-the-imo-convention-85088> With the ratification of the IMO Ballast Water Management Convention on 8 September 2016, the convention will enter into force on 8 September 2017.

Interview with Guido Harling, ETS Verification GmbH. *Green4Sea* [Online]. 2 February 2017.

Available from: <http://www.green4sea.com/interview-guido-harling-ets-verification-gmbh/>

Guido Harling, Executive Director and Founder of ETS verification GmbH, says the reporting of shipping emissions under MRV Regulation is a 'daunting task' and advises how companies shall get prepared for the monitoring plan up to the Aug 31st deadline.

Commission adopts new regulation on EU Fleet Register. *European Commission* [Online].

10 February 2017. Available from: https://ec.europa.eu/fisheries/commission-adopts-new-regulation-eu-fleet-register_en

Updates to the European Union's fleet register will soon be available in real time, following the adoption of a new regulation by the European Commission on 6 February.

Panama Changes Bunker Regulation to Clarify Fuel Switching Rule. *Ship & Bunker*

[Online]. 15 February 2017. Available from: <http://shipandbunker.com/news/am/658480-panama-changes-bunker-regulation-to-clarify-fuel-switching-rule>

The Panama Canal Authority (ACP) has made changes to its bunker regulations in order to clarify a rule on fuel switching.

Ramping up for BWM installation. *The Motorship* [Online]. 20 February 2017. Available from:

<http://www.motorship.com/news101/industry-news/ramping-up-for-bwm-installation>

The first batch of US Coast Guard type approved ballast water management systems (BWMS) may have a valuable head start, but all suppliers face challenges in the run up to the IMO Ballast Water Management Convention, writes Gavin Lipsith.

Dutch shipowners want state aid for environmental regulations. *By Niklas Krigslund.*

ShippingWatch [Online]. 27 February 2017. Available from:

<http://shippingwatch.com/secure/carriers/article9394242.ece>

The Dutch government should help the country's crisis-stricken carriers pay for complying with environmental requirements, such as new ballast water systems, the shipowner association's chairman tells ShippingWatch.

Ballast Water Management Convention success dependent on cooperation.

Seatrade Maritime News [Online]. 28 February 2017. Available from: <http://www.goo.gl/GxqXgt>
The Ballast Water Management Convention aimed at establishing standards and procedures to prevent the spread of aquatic organisms, enters into force and takes effect on 8 September this year.

Stena backs IMO regulations over EU. By Nick Roumpis. *TradeWinds* [Online].

28 February 2017. Available from: <http://www.tradewindsnews.com/liner/1219112/stena-backs-imo-regulations-over-eu> Stena Line chief executive Niclas Martensson has criticised the European Union (EU) for introducing separate regulations and added the International Maritime Organization (IMO) should make such decisions.

SEAFARERS

Seven Gujarat sailors in Iranian jail for a year, families seek Centre's help. By Hiral Dave.

Hindustan Times (India) [Online]. 6 February 2017. Available from: <http://www.goo.gl/m5TrNP>
Families of seven Gujarati sailors languishing in an Iranian jail for more than a year for allegedly smuggling oil have sought the Modi government's intervention to bring the seamen home.

The Mission appoints new Chairman. *Mission to Seafarers* [Online]. 2 February 2017.

Available from: <https://www.missiontoseafarers.org/news/the-mission-appoints-new-chairman>
The Mission to Seafarers is pleased to announce that Tom Boardley, Executive Vice President of Lloyd's Register has been appointed as the new Chairman of the global maritime welfare charity.


Travel ban to USA - What does this mean for Crew? *UK P&I Club* [Online]. 30 January 2017.

Available from: <https://www.ukpandi.com/knowledge-publications/article/travel-ban-to-usa-what-does-this-mean-for-shipowners-136894/> The travel ban has been stayed in full temporarily and upheld by Circuit Court of Appeals.

Crewmen on detained tanker *Sea Emperor* 'had no warm clothes and were left without pay for three months'. By Chris Yandell. *Southern Daily Echo (UK)* [Online].

7 February 2017. Available from: <http://www.goo.gl/PEfp1p> An international seafarers' charity says crewmen aboard a tanker detained in Hampshire had no warm clothes and had not been paid for three months.

The ITF Seafarers' Trust Port-Based Welfare Services Survey 2016: Summary Report. By Henry Norm. *Seafarers' Trust* [Online]. 3 February 2017. Available from:

<http://www.seafarerstrust.org/the-itf-seafarers-trust-port-based-welfare-services-survey-2016-summary-report/> The ITF Seafarers' Trust Port-Based Welfare Services Survey 2016 Summary Report presents the findings of a research project conducted by the Seafarers' Trust between July 2015 and February 2016. [Summary Report](#) 

Nigeria to export seafarers soon- NIMASA. *Voice of Nigeria (VON)* [Online]. 9 February 2017.

Available from: <http://von.gov.ng/nigeria-export-seafarers-soon-nimasa/> The Nigerian Maritime Administration and Safety Agency (NIMASA) in Lagos says beneficiaries of the Nigerian Seafarers' Development Programme (NSDP) would obtain their Certificate of Competency (CoC) by undergoing requisite sea time training.

IMarEST and MARINA support Filipino seafarers through MOU. *Institute of Marine Engineering, Science and Technology (IMarEST)* [Online]. 7 February 2017. Available from: <https://www.imarest.org/policy-news/institute-news/item/3105-imarest-and-marina-support-filipino-seafarers-through-mou> The MOU, spearheaded by Adm Santos, Chair of the IMarEST's Manila Branch, has been put in place to further support the recognition of seafarers through routes to registration, providing a pathway for seafarers to use their Certificates of Competency and experience gained, to work towards an international qualification, Chartered Marine Engineer (CMarEng) for engineers and Chartered Marine Technologist (CMarTech) for deck officers.

Seafarers Awareness Week 24-30 June 2017. *Seafarers UK* [Online]. 9 February 2017. Available from: <http://www.seafarers.uk/news/maritime-jobs-at-sea-and-ashore-and-sea-ports-for-prosperity-2/> Announcing the themes 'Maritime Jobs at Sea and Ashore' and 'Sea Ports for Prosperity', Seafarers UK has launched this year's Seafarers Awareness Week campaign, with the focus on promoting maritime career opportunities, both at sea and ashore, including in the UK's thriving port industry.

The HRAS Interview with Dr Pengfei Zhang – Chinese Seafarers: An Invisible Group. *Human Rights at Sea (HRAS)* [Online]. 10 February 2017. Available from: <https://thehrasinterview.wordpress.com/2017/02/10/the-hras-interview-with-dr-pengfei-zhang-chinese-seafarers-an-invisible-group/> In recent years, China has emerged as a world leader in shipbuilding, shipowning and seafarer-supply.

Eight Iranian sailors in pirate captivity freed. *Tehran Times (Iran)* [Online]. 14 February 2017. Available from: <http://www.tehrantimes.com/news/411115/Eight-Iranian-sailors-in-pirate-captivity-freed> The crew were freed as a result of negotiations held between Senegal's embassy in Somalia and the pirates, parliamentarian Ali Yar Mohammadi said on Monday.

Chinese cargo ship with 23 crew members stranded in Haldia port for nearly two months. **By Suvojit Bagchi.** *The Hindu (India)* [Online]. 14 February 2017. Available from: <http://www.thehindu.com/news/cities/kolkata/Chinese-cargo-ship-with-23-crew-members-stranded-in-Haldia-port-for-nearly-two-months/article17300839.ece> A cargo ship - Union Demeter - from China's Jiangsu province China with 23 Chinese crew members on board, has been stranded at Haldia port in Purba (East) Medinipur district of Bengal since last December.

NZ to protect seafarers' safety and wellbeing. *Maritime New Zealand* [Online]. 17 February 2017. Available from: <http://www.maritimenz.govt.nz/public/news/media-releases-2017/20170217a.asp> New Zealand will start enforcing the Maritime Labour Convention (MLC) on 9 March – a move that will protect domestic and international seafarers and improve their safety and wellbeing onboard foreign-flagged and New Zealand ships.

Ukrainian trade unions introduce a new CBA to break the monopoly in the seafarers' labour market. *Hellenic Shipping News* [Online]. 16 February 2017. Available from: <http://www.hellenicshippingnews.com/ukrainian-trade-unions-introduce-a-new-cba-to-break-the-monopoly-in-the-seafarers-labour-market/> Major Ukrainian trade unions joined forces and developed a new collective bargain agreement (CBA) with the lowest recommended wage for ratings starting from US\$1,085.

Seafarers facing tight job market in 2017. By Ben Kritz. *Manila Times* [Online]. 18 February 2017. Available from: <http://www.manilatimes.net/seafarers-facing-tight-job-market-2017/312853/> Filipino seafarers are still facing a tight job market, as several out-of-work crewmen expressed frustration at being unemployed for an extended period of time, belying the optimistic outlook from local manning agencies.

ITF condemns Ukrainian wage slash offer. *International Transport Workers' Federation* [Online]. 20 February 2017. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2017/february/itf-condemns-ukrainian-wage-slash-offer/> The ITF (International Transport Workers' Federation) today condemned an offer by a small coalition of Ukrainian trade unions to slash minimum wages for the country's seafarers.

Fake, foreign seafarers plying Nigerian waters —Merchant Navy. By Tola Adenubi. *Nigerian Tribune* [Online]. 23 February 2017. Available from: <http://tribuneonlineng.com/fake-foreign-seafarers-plying-nigerian-waters-merchant-navy/> The Nigeria Merchant Navy Officers and Water Transport Senior Staff Association have drawn the attention of the Nigerian Maritime Administration and Safety Agency (NIMASA) over alleged proliferation of fake certificates obtained by foreigners sailing on Nigerian waters.

Abandonment: MV Liberty Prrudencia crew abandoned Zhoushan, China. *Human Rights at Sea (HRAS)* [Online]. 24 February 2017. Available from: <https://www.humanrightsatsea.org/abandonment-mv-liberty-prrudencia-crew-abandoned-zhoushan-china/> In yet another case of alleged abandonment, the 19 Indian crew of the Hong Kong flagged *MV Liberty Prrudencia* (IMO 9250141) continue to remain isolated in Zhoushan in China after the owner allegedly became bankrupt.

Victory and tickets home for Malaviya crew. *International Transport Workers' Federation* [Online]. 23 February 2017. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2017/february/victory-and-tickets-home-for-malaviya-crew/> The ITF (International Transport Workers' Federation) is pleased to announce that the 12 strong crew of the *Malaviya 20* - the ship abandoned in Great Yarmouth, UK in June last year - finally began their journey home on Tuesday, complete with all the wages they were owed.

Seafarers reimbursed more than \$100,000 by foreign shipping company. *Australian Government* [Online]. 27 February 2017. Available from: <http://www.fairwork.gov.au/about-us/news-and-media-releases/2017-media-releases/february-2017/20170227-maritime-mr> The underpayments occurred during voyages that the foreign-flagged vessel conducted in the Australian Exclusive Economic Zone between January and June 2016, travelling between ports in Queensland, New South Wales and Victoria.

Shipowners should invest in crew internet connectivity. By Martyn Wingrove, Editor, **Marine Electronics & Communications.** *Riviera Maritime Media Ltd (UK)* [Online]. 22 February 2017. Available from: <http://www.goo.gl/5sGl3c> Crew welfare and ship connectivity have become important issues that the whole industry needs to address.

SEARCH AND RESCUE

Cruise ship comes to rescue of six fishermen. *Maritime New Zealand* [Online]. 4 February 2017. Available from: <http://www.maritimenz.govt.nz/public/news/media-releases-2017/20170204a.asp> The Rescue Coordination Centre of New Zealand organised for the German cruise ship *Albatros* to change course at 5am this morning, after the fishing vessel crew set off an emergency rescue beacon 400 kilometres west south west of Tonga.

MARITIME HISTORY: AMSA awards seafarers after PNG ferry rescue mission, five years ago. By David Sexton. *Lloyd's List Australia* [Online]. 23 February 2017. Available from: <http://www.goo.gl/a8ULkk> Back in February 2012, Captain Pavlo and his crew received an AMSA award for their role in rescuing 53 survivors of the *Rabaul Queen*, the Papua New Guinean ferry that sank en route from Kimbe to Lae earlier that month.

SHIPBUILDING AND SHIPREPAIR

LNG-wind powered hybrid cruiseship first. *Green Port* [Online]. 1 February 2017. Available from: <http://www.greenport.com/news101/lng/lngwind-powered-hybrid-ship-first> Finnish based wind propulsion expert, Norsepower Oy Ltd, has signed an agreement with Viking Line to install its Rotor Sail Solution onboard the ' M/S Viking Grace', the operator's flagship LNG-fuelled cruise ship.

'Team Finland' hones its edge. *The Motorship* [Online]. 15 February 2017. Available from: <http://www.motorship.com/news101/industry-news/team-finland-hones-its-edge> After some challenging years, the Finnish shipbuilding industry is again resurgent, buoyed by a supportive government and a cooperative spirit.

World's first purpose-built LNG Bunkering Vessel delivered to ENGIE, Fluxys, Mitsubishi Corporation and NYK. *ENGIE* [Online]. 15 February 2017. Available from: <http://www.engie.com/en/journalists/press-releases/lng-fluxys-mitsubishi-corporation-nyk/> She will run on LNG for her maiden voyage, after a few days of loading LNG delivered by trucks at the shipyard.

All-Terrain Cruise "Ship" for the Arctic? *Maritime Executive* [Online]. 21 February 2017. Available from: <http://www.maritime-executive.com/features/all-terrain-cruise-ship-for-the-arctic> Arctic cruising has captured the imagination of a futuristic designer who has developed a concept vehicle called the Resolute - an all-season, all-terrain cruise vessel designed to explore the Arctic and Antarctic regions on tracks

80 LNG careers completed main boiler retrofit for Low Sulfur Fuel. *Mitsubishi Heavy Industries Marine Machinery & Engine Co., Ltd.* [Online]. 20 February 2017. Available from: <https://www.mhi-mme.com/news/0075.html> In order to comply with the new regulation, oil companies develop their own brand fuels as Ultra Low Sulfur Heavy Fuel Oil (ULSHFO) which contain 0.5% of sulfur or below.

Carnival Corporation Cruise Joint Venture in China to Order First-Ever Cruise Ships Built in China. *Carnival Corporation & Plc* [Online]. 22 February 2017. Available from: http://www.carnivalcorp.com/phoenix.zhtml?c=200767&p=irol-newsArticle_print&ID=2248174 The world's largest leisure travel company, today announced that its cruise joint venture in China has signed a new memorandum of agreement (MOA) to order the first-ever cruise ships built in China for the Chinese market.

SHIPPING

BWMS: What does it mean for onboard operations? By Matthew Bonvento, Senior Manager for Safety, Vanuatu Maritime Services Ltd. *MarineLink.Com* [Online].

30 January 2017. Available from: <http://www.marinelink.com/news/operations-onboard-does421393> As of September 8, 2016 the Ballast Water Convention officially was ratified by the International Maritime Organization (IMO), crossing the necessary threshold of 35% of world tonnage signed on courtesy of the ratification by Finland.

The Smart Connected Ship, Big Data and Cybersecurity towards Smart shipping.

By Frank Coles, CEO, Transas. *Safety 4 Sea* [Online]. 1 February 2017. Available from:

<http://www.safety4sea.com/smart-connected-ship-big-data-cybersecurity-towards-smart-shipping/>

Frank Coles, CEO, Transas, points out that with all the talk about smart ships, automation and even unmanned ships there remains three key elements that need to be resolved: the ecosystem in which they would operate, the connectivity that they require and the overall cybersecurity picture.

What happens when you flush the loo on a cruise ship? By John Honeywell.

The Telegraph [Online]. 1 February 2017. Available from:

<http://www.telegraph.co.uk/travel/cruises/what-happens-when-you-flush-the-loo-on-a-cruise-ship/>

The largest modern cruise ships, such as *Harmony of the Seas*, carry more than 6,500 passengers and 2,400 crew.

PM Underscores the Importance of Maritime Sector to the Economy.

Jamaica Information Service [Online]. 3 February 2017. Available from:

<http://jis.gov.jm/pm-underscores-importance-maritime-sector-economy/> Prime Minister Andrew Holness says the maritime sector, which boasts remarkable infrastructure, is important to the Jamaican economy.

Shipbroking's role in the 21st century. By Panos Patsadas, Managing Director, Target Maritime Transport. *Splash 24/7* [Online]. 7 February 2017. Available from:

<http://splash247.com/shipbrokings-role-21st-century/> The frenzy following BHP's decision to use an online bidding platform and to cut out the brokers has raised one important question regarding the future of shipbrokers.

Panama Maritime uniting the shipping sector. *Bulletin Panama* [Online]. 6 February 2017.

Available from: <http://thebulletinpanama.com/2017/02/panama-maritime-uniting-the-shipping-sector/>

The Megapolis Convention Center will be the venue for the Panama Maritime XIII Conference and World Exhibition that will take place from the 12th to the 14th of March.

UK shipping must 'step up' says Henderson. By Julian Bray. *TradeWinds* [Online].

6 February 2017. Available from: <http://www.tradewindsnews.com/people/1213074/uk-shipping-must-step-up-says-henderson>

Safety, the environment, jobs and innovation are key areas where British shipping needs to improve as the UK heads towards exit from the European Union, says Shell's Grahaeme Henderson.

Shipping must become 'an industry that works for all' – UK Chamber President.

UK Chamber of Shipping [Online]. 8 February 2017. Available from:

<https://www.ukchamberofshipping.com/latest/shipping-must-become-industry-works-all-uk-chamber-president/>

UK Chamber President Grahaeme Henderson called for an 'industry that works for all' at his address to the UK Chamber of Shipping Annual Dinner.

U.S. Still Reluctant to Adopt LNG Bunkers: Industry Sources. *Ship & Bunker* [Online]. 8 February 2017. Available from: <http://shipandbunker.com/news/am/129860-us-still-reluctant-to-adopt-lng-bunkers-industry-sources> Liquefied natural gas (LNG) bunkering in the U.S. will take a while to be meaningfully adopted as shipowners and suppliers weigh the risks and costs of developing the supporting infrastructure, according to industry sources quoted by Platts.

Big benefits from maritime sector. By Cara L Foster. *Barbados Advocate* [Online]. 8 February 2017. Available from: <https://www.barbadosadvocate.com/news/big-benefits-maritime-sector> The benefits provided by the maritime industry are often overlooked, but its contribution plays a pivotal role in the sustainability of the global economy.

Shipping will need to adopt alternative fuels to meet CO2 emission reductions: LR. By Marcus Hand. *Seatrade Maritime News* [Online]. 8 February 2017. Available from: <http://www.seatrade-maritime.com/news/asia/shipping-will-need-to-adopt-alternative-fuels-to-meet-co2-emission-reductions-lloyds-register.html> The shipping industry will need to adopt alternative fuels to heavy fuel oil to meet the demands of CO2 reductions, believes Douglas Raitt from Lloyd's Register (LR).

The sad story of a small island state. By Olaf Merk. *Shipping Today* [Online]. 4 February 2017. Available from: <http://shippingtoday.eu/sad-story/> A country you might have never heard of were it not for its ship registry, one of the largest in the world.

The year of promising assertiveness? By Olaf Merk, ITF-OCED. *Port Strategy* [Online]. 3 February 2017. Available from: <http://www.portstrategy.com/news101/insight-and-opinion/port-talk/the-year-of-promising-assertiveness> Shipping companies have become very powerful actors, in particular in container shipping.

Collaboration and disruption: the next frontiers for shipping? By John Taxgaard, Head of Maritime, Ericsson. *Splash 24/7* [Online]. 9 February 2017. Available from: <http://splash247.com/collaboration-disruption-next-frontiers-shipping/> The threat of disruption facing the shipping industry might in practice represent an opportunity to adopt new ways of working.

World's Biggest Shipping Company Voices Alarm at Trump Trade War. By Christian Wienberg. *Bloomberg* [Online]. 8 February 2017. Available from: <https://www.bloomberg.com/news/articles/2017-02-08/world-s-biggest-shipping-company-voices-alarm-at-trump-trade-war> A.P. Moller-Maersk A/S, the owner of the world's biggest container shipping line, is paying particular attention to noises coming from the U.S. that suggest the new administration is moving closer to a trade war with China.

Seatrade, the world's largest reefer ship operator, goes containers. By Alexander Whiteman. *The Loadstar* [Online]. 30 January 2017. Available from: <http://theloadstar.co.uk/coolstar/seatrade-worlds-largest-reefer-ship-operator-goes-containers/> Seatrade has expanded its use of container vessels on its Fast Direct Dedicated (FDD) service between Europe and New Zealand, adding another nail to the coffin of its aging conventional reefer fleet.

Dr Martin Stopford on the future of shipping. *Splash 24/7* [Online]. 10 February 2017. Available from: <http://splash247.com/dr-martin-stopford-future-shipping/> The world's most famous shipping analyst presents Splash readers with a compelling picture of the challenges facing the maritime industry today.

Northern Sea Routes' cargo turnover exceeded record 6.9 million tonnes in 2016.

TASS Russian News Agency [Online]. 13 February 2017. Available from:

<http://tass.com/economy/930620> "The Ministry of Economic Development reports a record level of cargo turnover along the Northern Sea Route in 2016 - as of December 1, 2016, 6.9 million tons were transported there, which is a record in that transport corridor's history, including the Soviet times," he said.

UGS objective - maintaining Greek shipping's leading status in maritime affairs.

By David Glass. *Seatrade Maritime News* [Online]. 10 February 2017. Available from:

<http://www.seatrade-maritime.com/news/europe/ugs-objective-maintaining-greek-shipping-s-leading-status-in-maritime-affairs.html> The Greek government and seafarers unions are failing to utilise the largest shipping fleet in the world as the country struggles to overcome its economic crisis and the high level of unemployment according to the shipowners.

Charting The Consolidation Of Container Shipping. *Clarksons Research* [Online].

10 February 2017. Available from:

<https://clarksonresearch.wordpress.com/2017/02/10/charting-the-consolidation-of-container-shipping/> Last year saw a huge amount of change in the under pressure container shipping sector.

New ISO standard for the safe bunkering of LNG-fuelled ships. By Sandrine Tranchard.

International Organization for Standardization (ISO) [Online]. 13 February 2017. Available from:

http://www.iso.org/iso/home/news_index/news_archive/news.htm?refid=Ref2161 Some ships in northern Europe have been using liquefied natural gas (LNG) as their fuel source for over a decade, with an extremely good safety record.

Containers see light at the end of the tunnel. By Barry Luthwaite. *Marine Propulsion & Auxiliary Machinery* [Online].

13 February 2017. Available from:

http://www.mpropulsion.com/news/view_containers-see-light-at-the-end-of-the-tunnel_46504.htm

The first eight weeks of this year yielded US\$1,000 per container on routes from Asia to northwest Europe, and healthy jumps in rates have been recorded elsewhere.

Shipping does not belong in EU Emission Trading Scheme.

European Community Shipowners' Associations (ECSA) [Online]. 15 February 2017.

Available from: <http://www.ecsa.eu/9-latest-news/297-shipping-does-not-belong-in-eu-emission-trading-scheme> A majority of MEPs voted to include shipping in the scheme as of 2023, if there is no comparable system operating in the International Maritime Organisation (IMO) in 2021.

EU Member States Must Reject European Parliament's Proposal to Include Global Shipping into Regional CO2 Trading System. *International Chamber of Shipping (ICS)*

[Online]. 15 February 2017. Available from: <http://www.goo.gl/SyQI1j> The International Chamber of Shipping (ICS) – which represents over 80% of the world merchant fleet – says it is 'disappointed but not surprised' by today's vote in the European Parliament to propose that international shipping (including non-EU flag ships) should be incorporated into the EU Emissions Trading System from 2023.

EU votes to include shipping in CO2 quota scheme. By Mette Mandrup. *ShippingWatch*

[Online]. 15 February 2017. Available from:

<http://shippingwatch.com/secure/carriers/article9368269.ece> If a global CO2 emission trading system for shipping is not in place by 2021, the European part of the sector will be included in the EU emission trading scheme, ETS.

German shipowners join chorus against EU ETS. By Wei Zhe Tan. *Lloyd's List* [Online]. 16 February 2017. Available from:

<https://www.lloydslist.com/ll/sector/regulation/article549830.ece> The German Shipowners Association (VDR) has criticised the European Parliament's decision to ratify the inclusion of maritime shipping in the European Union Emissions Trading System.

Downturn brings shipping closer to the general public. By Sam Chambers. *Splash 24/7* [Online]. 17 February 2017. Available from: <http://splash247.com/downturn-brings-shipping-closer-general-public/> The past eight years of recession in the shipping and offshore industries has actually shown the hardware of these all to often invisible sectors to the general public more than normal thanks to the thousands of laid up vessels around the world.

Hanjin Shipping declared bankrupt, ending 40-year run. *Yonhap News Agency* (South Korea) [Online]. 17 February 2017. Available from:

<http://english.yonhapnews.co.kr/news/2017/02/17/0200000000AEN20170217003551320.html> Hanjin Shipping Co., a major shipping line in South Korea, was officially declared bankrupt by a Seoul court Friday, ending its 40-year run and heralding a fundamental change in the country's shipping landscape.

A bumpy start for chemical tankers in 2017. By Plamen Aleksandrov. *Tanker Shipping & Trade* [Online]. 16 February 2017. Available from: http://www.tankershipping.com/news/view.a-bumpy-start-for-chemical-tankers-in-2017_46555.htm Two months into 2017 and it seems the year ahead will be quite a ride for the chemical tanker shipping.

Environmental Performance a "Failure-Is-Not-An-Option" Mission for Shipping, Says WWL CEO. *Ship & Bunker* [Online]. 16 February 2017. Available from:

<http://shipandbunker.com/news/world/399881-environmental-performance-a-failure-is-not-an-option-mission-for-shipping-says-wwl-ceo> Craig Jasienski, CEO of Wallenius Wilhelmsen Logistics (WWL), says environmental performance is set to persist in modern shipping as a "failure-is-not-an-option" mission, World Maritime News reports.

Panama Canal sets the direction to green shipping. *Green4Sea* [Online]. 16 February 2017. Available from: <http://www.green4sea.com/panama-canal-sets-direction-green-shipping/>

In an exclusive interview with GREEN4SEA, Mr. Alexis Rodriguez, Panama Canal's Environmental Protection Specialist, talks about Canal's Green Route strategy which consists of many initiatives encouraging operators to enhance environmental performance in the industry.

GHG emissions of shipping: ECSA deplores that port and cargo interests condone regional measures. *European Community Shipowners' Associations (ECSA)* [Online].

20 February 2017. Available from: <http://www.ecsa.eu/9-latest-news/298-ghg-emissions-of-shipping-ecsa-deplores-that-port-and-cargo-interests-condone-regional-measures>

ECSA regrets that European port and cargo interests have come out in favour of the European Parliament's position to conditionally include shipping in the EU Emission Trading Scheme as of 2023 if the International Maritime Organisation does not have a comparable system operating by 2021.

IRClass receives authorisation from Iran; opens office in Tehran.

Indian Register of Shipping (IRClass) [Online]. 20 February 2017. Available from:

<http://www.goo.gl/1JdtLa> Indian Register of Shipping (IRClass), a leading classification society, has received authorisation as a Recognised Organisation from Iran's maritime administration – Ports and Maritime Organization (PMO).

Japan readies for LNG bunkering as marine industry turns to cleaner fuels.


S&P Global Platts [Online]. 19 February 2017. Available from: <http://www.platts.com/latest-news/shipping/singapore/feature-japan-readies-for-lng-bunkering-as-marine-27772412>

Japan, the world's largest LNG importer and accounting for about 35% of global demand, is set to play a significant role in LNG bunkering as the marine industry turns to cleaner fuel options to comply with stricter environmental regulations.

Shipping in the EU Emission Trading Scheme (ETS): a strong message sent by the European Parliament to all maritime stakeholders. *FEPOR* (Federation of European Private Port Operators and Terminals) [Online]. 17 February 2017. Available from:

<https://www.feport.eu/2014-11-18-12-05-27/news/news/298> Two days ago, the European Parliament has voted in favour of the inclusion of CO2 emissions from shipping in the EU Emission Trading Scheme (ETS) and the establishment of a maritime climate fund "in the absence of progress at international level" as from 2023.

ICS Releases Latest Flag State Performance Table. *International Chamber of Shipping (ICS)*

[Online]. 21 February 2017. Available from: <http://www.ics-shipping.org/news/press-releases/2017/02/21/ics-releases-latest-flag-state-performance-table> The Table provides an annual overview of the performance of the world's flag states against a number of criteria such as port state control records, ratification of international maritime Conventions and attendance at IMO meetings. [Shipping Industry Flag State Performance Table 2016/2017](#) 

LNG in shipping: analysing the state of play. By Gary Peters. *Ship-Technology.Com*

[Online]. 20 February 2017. Available from: <http://www.ship-technology.com/features/featurelng-in-shipping-analysing-the-state-of-play-5737503/>

Ask a roundtable of industry insiders what the fuel of the future is and it's a fair bet that a few, if not most, will say liquefied natural gas (LNG).

Special Report: Shipping and the Environment. By David Sexton. *Lloyd's List Australia* [Online]. 20 February 2017. Available from: <https://www.lloydslistaustralia.com.au/lla/market-sectors/ports/SPECIAL-REPORT-Shipping-and-the-Environment-549936.html>

Flinders Port Holdings (FPHG) chief executive, Vincent Tremaine, said environmental management had been a focus for South Australia's largest privately-run port group, for more than a decade.

Tanker charterers expected to bear part of post-2020 hikes in bunker costs.

By Max Tingyao Lin. *Lloyd's List* [Online]. 21 February 2017. Available from: <https://www.lloydslist.com/ll/sector/tankers/article550177.ece> With the International Maritime Organization cutting the sulphur content in marine fuel to 0.5% globally from 2020, versus 3.5% now, shipping market participants will have to pay more to use more eco-friendly products.

Hyundai Global Services Enters into Eco-friendly Ship Services Business with KSS Line.

Hyundai Heavy Industries Co.Ltd. [Online]. 20 February 2017. Available from: <http://english.hhi.co.kr/news/view?idx=609> Hyundai Global Services (HGS), Hyundai Heavy Industries' (HHI) newly spun-off company specializing in providing total marine services announced today it signed an MOU with KSS Line, a Korean shipping company, for entering into eco-friendly ship business.

Shipowners isolated as maritime industry supports EU's 'first move' to regulate CO2.

Transport & Environment [Online]. 21 February 2017. Available from: <http://www.goo.gl/wXhTWl> Support from ports and cargo owners for last week's vote by MEPs to include shipping emissions in the EU emissions trading system (ETS) has been sharply criticised by shipowners.

IBIA celebrates 24th annual dinner. *International Bunker Industry Association (IBIA)* [Online]. 20 February 2017. Available from: <http://ibia.net/ibia-celebrates-24th-annual-dinner/>
Around 1,000 marine fuel professionals attended the prestigious International Bunker Industry Association (IBIA) annual dinner on Monday 20 February to mark the start of International Petroleum week in London.

Are Compliance Officers the Next "Must Have" for the Bunker Industry? *Ship & Bunker* [Online]. 23 February 2017. Available from: <http://shipandbunker.com/news/world/314161-are-compliance-officers-the-next-must-have-for-the-bunker-industry> When it comes to technology and standards, the bunker industry is often, and rightly, accused of being stuck in the past. If you need convincing of this, look no further than two milestone events for the industry from the last 12 months.

Feature: Panama Canal's green ambitions could be big boost for LNG. *S&P Global Platts* [Online]. 22 February 2017. Available from: <http://www.platts.com/latest-news/shipping/houston/feature-panama-canals-green-ambitions-could-be-21962633>
Since January 1, the Panama Canal Authority (ACP) has been running its Environmental Premium Ranking initiative, where ships that reach certain environmental or energy efficiency standards receive extra percentage points per transit, which can improve their position in the waterway's Customer Ranking System.

New white paper informs on the current BW regulatory. *Green4Sea* [Online]. 22 February 2017. Available from: <http://www.green4sea.com/new-white-paper-informs-on-the-current-bw-regulatory/> Alfa Laval has published a white paper providing an overview of the most influential ballast water regulations and their enforcement, guidance and a few information about selecting a system and supplier to match a particular vessel's needs, and about what to consider when planning the installation.

Ballast water management: An overview of regulations and ballast water treatment technologies. *Alfa Laval Corporate AB* [Online]. February 2017. Available from: <http://www.goo.gl/21tALi> To minimize and ultimately eliminate the transfer of harmful aquatic organisms and pathogens, various international, national and regional maritime bodies have worked for several years to establish standards for managing ballast water.

Lloyd's List to honour Jeffrey Lantz in New York. By Anastassios Adamopoulos. *Lloyd's List* [Online]. 22 February 2017. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article550245.ece> Jeffrey G Lantz is to receive the 2017 Lifetime Achievement Award at the Lloyd's List America Awards in recognition of his lasting contribution and service to the international and US maritime sector.

ICS Chairman sets out plan for CO2 reduction by shipping sector. *International Chamber of Shipping (ICS)* [Online]. 24 February 2017. Available from: <http://www.ics-shipping.org/news/press-releases/2017/02/24/ics-chairman-sets-out-plan-for-co2-reduction-by-shipping-sector> The Chairman of the International Chamber of Shipping, Esben Poulsson, has set out what the industry would like the International Maritime Organization to achieve as part of its CO2 reduction strategy for the shipping sector.

ABS Takes the Lead as First Class Society to Earn EU MRV Accreditation. *ABS (American Bureau of Shipping)* [Online]. 23 February 2017. Available from: <http://ww2.eagle.org/en/news/press-room/2017/ABS-First-Class-Society-to-Earn-EU-MRV-Accreditation.html> "We are proud to be the first class society accredited to perform EU MRV assessments," says ABS Chairman, President and CEO Christopher J. Wiernicki.

Shipping emissions: lessons learned from the aviation industry. By Julien Dufour, CEO, Verifavia Shipping. *Green4Sea* [Online]. 23 February 2017. Available from:

<http://www.green4sea.com/shipping-emissions-lessons-learned-aviation-industry/>


Mr. Julien Dufour, CEO, Verifavia Shipping, comments current developments regarding the inclusion of shipping in ETS and stresses that regardless the offsetting scheme is finally run by either IMO or an ETS, it is important for the industry not to deviate from the initial object; the reduction of the GHG emissions from shipping.

Up to \$400 billion of ship debt represents unassessed climate risk exposure at the major investment banks. *Carbon War Room* [Online]. 26 February 2017. Available from:

<http://carbonwarroom.com/news/2017/02/26/news-shipping-debt-represents-unassessed-climate-risk-exposure>

Today, Carbon War Room (CWR) and UMAS released research that suggests climate transition pathways pose risks to the banks that hold \$400 billion of global shipping debt.

Navigating Decarbonisation: An approach to evaluate shipping's risks and opportunities associated with climate change mitigation policy. *UMAS for the Carbon War Room* [Online].

17 February 2017. Available from: <http://www.goo.gl/HePYbo> 

The report outlines a possible approach to evaluating risks related to climate change mitigation policy in the shipping industry through an illustrative case study of investments in newbuild drybulk vessels in the size range of 60,000-99,999 dwt.

Socio-economic impact of the EU shipping industry remains solid.

European Community Shipowners' Associations (ECSA) [Online]. 27 February 2017.

Available from: <http://www.ecsa.eu/9-latest-news/299-socio-economic-impact-of-the-eu-shipping-industry-remains-solid>

The EU shipping industry directly employed 640,000 people and supported a € 57 billion contribution to GDP in 2015.

[The Economic Value of the EU Shipping Industry: 2017 update](#) 

Nigeria to host Associations of Heads of African Maritime Administrations.

By Tola Adenubi. *Nigerian Tribune* [Online]. 26 February 2017. Available from:

<http://tribuneonlineng.com/nigeria-host-associations-heads-african-maritime-administrations/>

In a bid to continue to improve on its role as a global player in the comity of maritime nations, Nigeria would be hosting the 3rd Conference of the Association of Heads of African Maritime Administrations (AAMA Conference) in Abuja, at the Transcorp Hilton Hotel, from 19th -21st of April, 2017.

A Bigger Pie – Can You Get A Good Slice? *Clarksons Research* [Online]. 24 February 2017.

Available from: <https://clarksonresearch.wordpress.com/2017/02/24/a-bigger-pie-can-you-get-a-good-slice/>

With the ClarkSea Index around \$9,000/day, and many if not most of the major shipping markets under severe pressure, it's hard to escape the conclusion that the shipping markets are a tough place right now, with limited pickings to share between owners.

Hinchliffe: Arrogant Europe is alienating IMO member countries. By Helen Kelly.

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

<https://www.lloydslist.com/ll/sector/regulation/article550262.ece>

One of the biggest battles in maritime regulation is being played out in gory detail this month with the European Union in one corner wielding a big stick on CO2 emissions and the International Maritime Organization in the other, bruised and bloodied, but so far standing firm.

EU's leverage and insurance policy on dirty shipping needed. *NGO Shipbreaking Platform* [Online]. 28 February 2017. Available from: <http://www.shipbreakingplatform.org/press-release-eu-leverage-insurance-policy-on-dirty-shipping-needed/> From dangerous emissions in ports to hazardous scrapping on South Asian beaches, European shipping companies pollute and put people's health and lives at serious risk.

EU clashes with maritime industry over ship emissions. By Terry Macalister.

Climate Home [Online]. 27 February 2017. Available from: <http://www.climatechangenews.com/2017/02/27/eu-clashes-with-maritime-industry-over-ship-emissions/> The European Parliament has lost patience with shipping industry inaction over climate change and has outlined plans to include vessels in its Emissions Trading System (ETS).

European Shipping Week kicks off the 2017 Maritime Year. *European Commission* [Online]. 27 February 2017. Available from: https://ec.europa.eu/transport/2017-european-shipping-week_en EU Transport Commissioner Violeta Bulc has called 2017 to be the "Maritime Year" to raise awareness for the potential and the challenges of maritime sector and to review EU policy on maritime transport.

RESEARCH

Global Study into use of Wind and Solar Power on Ships. *Eco Marine Power* [Online]. 8 February 2017. Available from: <http://www.ecomarinepower.com/en/company-news-archive/126-global-study-into-use-of-wind-and-solar-power-on-ship> In co-operation with several shipping companies and technology partners, Eco Marine Power (EMP) is pleased to announce that it has begun a detailed study focused on the practical applications of its patented EnergySail and Aquarius MRE technologies.

Marine litter on deep Arctic seafloor continues to increase and spreads to the North at the HAUSGARTEN observatory. By M. B. Tekman, T. Krumpen et al. *Deep Sea Research Part I: Oceanographic Research Papers*. [Online]. (2017). Available from: <http://www.sciencedirect.com/science/article/pii/S096706371630200X> The increased global production of plastics has been mirrored by greater accumulations of plastic litter in marine environments worldwide.

The influence of declining sea ice on shipping activity in the Canadian Arctic. By L. Pizzolato, S. E. L. Howell et al. *Geophysical Research Letters*. [Online]. (2016). Available from: <http://dx.doi.org/10.1002/2016GL071489> Significant attention has focused on the potential for increased shipping activity driven by recently observed declines in Arctic sea ice cover.

Quantifying injury to common bottlenose dolphins from the *Deepwater Horizon* oil spill using an age-, sex- and class-structured population model. By et al Lori H. Schwacke. *Endangered Species Research* [Online]. 31 January 2017. Available from: <http://www.int-res.com/abstracts/esr/v33/p265-279/> Field studies documented increased mortality, adverse health effects, and reproductive failure in common bottlenose dolphins *Tursiops truncatus* following the *Deepwater Horizon* (DWH) oil spill.

Decline in global oceanic oxygen content during the past five decades. By S. Schmidtko, L. Stramma et al. *Nature*. [Online]. (2017). Available from: <http://dx.doi.org/10.1038/nature21399> Ocean models predict a decline in the dissolved oxygen inventory of the global ocean of one to seven per cent by the year 2100, caused by a combination of a warming-induced decline in oxygen solubility and reduced ventilation of the deep ocean.

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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.