

**INTERNATIONAL MARITIME ORGANIZATION**

**MARITIME KNOWLEDGE CENTRE**

*“sharing maritime knowledge”*

# **CURRENT AWARENESS BULLETIN**

January 2017



Maritime Knowledge Centre  
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INTERNATIONAL MARITIME ORGANIZATION  
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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](#).

[Email us](#) if you would like to receive email notification when the most recent Current Awareness Bulletin is available to be downloaded.

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

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## IMO / UNITED NATIONS NEWS & EVENTS

### WHAT'S NEW

#### ***Connecting ships, ports and people: World Maritime Day 2017 theme launched by IMO Secretary-General***

The importance of coherent and connected development across all maritime sectors will feature strongly in IMO's work this year, as the Organization focuses on its [World Maritime Day](#) theme "Connecting ships, ports and people".

The theme for 2017 was launched by IMO Secretary-General Lim during a visit to Felixstowe, the busiest container port in the United Kingdom. "Throughout the year, we will highlight the importance of 'joined-up' maritime development across all sectors, both from a policy and a practical perspective. The benefits of a free and efficient flow of goods and trade extend far beyond the ships and ports themselves," Mr. Lim said.

"As a UN agency, IMO has a strong commitment to helping achieve the aims of the Sustainable Development Goals. Shipping and ports can play a significant role in helping to create conditions for increased employment, prosperity and stability through promoting maritime trade. The port and maritime sectors can be wealth creators, both on land and at sea," Mr. Lim said. [Full Story: Briefing 7 - 18/01/2017](#) View video [here](#), photos [here](#).

### IMO MEETINGS FOR 2017

[Sub-Committee on Human Element, Training and Watchkeeping \(HTW\)](#)  
4<sup>th</sup> session, 30 January – 3 February 2017

[Sub-Committee on Pollution Prevention and Response \(PPR\)](#),  
4<sup>th</sup> session, 16 – 20 January 2017

### IMO PRESS BRIEFINGS

[IMO welcomes entry into force of financial security for seafarers](#)  
Briefing: 06, January 18, 2017

[Successful cooperation for safe sea transport of oil told in new exhibition](#)  
Briefing: 05, January 17, 2017

[Regional maritime piracy agreement broadened to cover other illicit maritime activity](#)  
Briefing: 04, January 13, 2017

[IMO Secretary-General speaks out against regional emission trading system](#)  
Briefing: 03, January 09, 2017

[Milestone for polar protection as comprehensive new ship regulations come into force](#)  
Briefing: 02, January 01, 2017

[Safety for gas-fuelled ships – new mandatory code enters into force](#)  
Briefing: 01, January 01, 2017

**IMO NEWS MAGAZINE**    **(Issue 4, 2016)**

**IMO PUBLISHING**    Just Published: 2017    January 2017 Newsletter

**RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM**

Sub-Committee on Human Element, Training and Watchkeeping (HTW)  
4<sup>th</sup> session, 30 January – 3 February 2017 ([Opening](#) remarks)

[International Conference on Maritime Energy Management \(MARENER 2017\), World Maritime University, Malmö, Sweden](#) 24 January 2017

Sub-Committee on Pollution Prevention and Response (PPR)  
4<sup>th</sup> session, 16 – 20 January ([Opening](#) remarks)

[6th IMarEST Ballast Water Technology Conference](#) 12 January 2017

## UNITED NATIONS NEWS

**Secretary-General António Guterres cites multilateralism, teamwork as critical to achieving UN goals.** *UN News Centre* [Online]. 3 January 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=55902> On his first day in office, United Nations Secretary-General António Guterres called for teamwork, telling staff at the world body's New York Headquarters that it is not enough to the "do the right thing, we need to earn the right to do the right thing."

**Climate change will lead to annual coral bleaching, UN-supported study predicts.**

*UN News Centre* [Online]. 5 January 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=55913> If current trends continue and the world fails to reduce greenhouse gas emissions, nearly all of the world's coral reefs will suffer severe bleaching – the gravest threat to one of the Earth's most important ecosystems – on annual basis, the United Nations environment agency today reported.

**U.N. Secretary-General António Guterres: My Vision for Revitalizing the United Nations.**

*Newsweek* [Online]. 9 January 2017. Available from: <http://europe.newsweek.com/davos-2017-un-secretary-general-antonio-guterres-opinion-540326>

When I was growing up reading history books as a young student, it seemed all wars had a winner.

**The world needs a new strategy to tackle the migration crisis. By William Lacy Swing, Director General, International Organization for Migration.** *The Guardian* [Online].

15 January 2017. Available from:

[https://www.theguardian.com/commentisfree/2017/jan/15/migration-deaths-europe-davos-strategy?CMP=Share\\_iOSApp\\_Other](https://www.theguardian.com/commentisfree/2017/jan/15/migration-deaths-europe-davos-strategy?CMP=Share_iOSApp_Other) As European and world leaders approach the World Economic Forum in Davos, they should reflect on the growing number of helpless migrants who have frozen to death in the current cold weather.

**UN refugee agency lauds Europe's rescue efforts in Mediterranean amid 'tragic start' to New Year.** *UN News Centre* [Online]. 16 January 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=55978> The United Nations refugee agency praised the Italian Coastguard in coordination with Frontex, the European Border and Coast Guard Agency, for rescuing some 1,500 people from boats on the Mediterranean struggling in rough weather throughout the weekend.

**Briefing on the United Nations high-level oceans conference 2017: The trade and development perspective.** *United Nations Conference on Trade and Development (UNCTAD)*

[Online]. 16 January 2017. Available from:

<http://unctad.org/en/Pages/MeetingDetails.aspx?meetingid=1260> The objective of this briefing is to raise awareness within the trade community in Geneva about the High-Level United Nations Oceans Conference and the preparatory process.

## CASUALTIES

**Ferry accident exposes safety loopholes. By Corry Elyda, Agnes Anya, and Nurul Fitri Ramadhani.** *Jakarta Post* [Online]. 3 January 2017. Available from:


<http://www.thejakartapost.com/news/2017/01/03/ferry-accident-exposes-safety-loopholes.html>

The fatal Zahro Express ferry accident in the Jakarta Bay has forced the government to revisit safety standards of sea transportation as preliminary indications have suggested that the ill-fated boat had design flaws even though it had passed safety tests.

### Annual Overview of Marine Casualties and Incidents 2016.

*European Maritime Safety Agency (EMSA)* [Online]. 20 December 2016. Available from:

<http://www.emsa.europa.eu/emsa-homepage/2-news-a-press-centre/news/2903-annual-overview-of-marine-casualties-and-incidents-2016.html>

The Annual Overview of Marine Casualties and Incidents consists in a high-level analysis of accidents reported by the EU Member States in European Marine Casualty Information Platform (EMCIP). [Report](#) 

### Collision of Container Vessels *WAN HAI 301* and *APL DENVER*.

*Maritime and Port Authority of Singapore (MPA)* [Online]. 4 January 2017. Available from:

<http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/aba4760d-8e0e-430d-b632-8b05054ec797>

At about 2350 hrs on 3rd January 2017, the Maritime and Port Authority of Singapore (MPA) was notified by the Johor Port Authority (JPA) of a collision between Singapore-registered container vessel *WAN HAI 301* and a Gibraltar-registered container vessel *APL DENVER* off Pasir Gudang Port, Johor Malaysia.

### UPDATE at 1700 hrs: Collision of Container Vessels *WAN HAI 301* and *APL DENVER*.

*Maritime and Port Authority of Singapore (MPA)* [Online]. 5 January 2017. Available from:

<http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/408c2e02-bb89-430a-a3d5-047007650ec5>

The Maritime and Port Authority of Singapore (MPA) continues to coordinate the containment and clean-up efforts of the oil spillage in Singapore's waters following the collision of container vessels *WAN HAI 301* and *APL DENVER*

### UPDATE 4: Collision of Container Vessels *WAN HAI 301* and *APL DENVER*.

*Maritime and Port Authority of Singapore (MPA)* [Online]. 6 January 2017. Available from:

<http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/06e03f09-b990-40f9-9f0f-f19792d3e11a>

The Maritime and Port Authority of Singapore (MPA) continues to coordinate the clean-up efforts of the oil spillage in Singapore's waters following the collision of container vessels *WAN HAI 301* and *APL DENVER*

### Russian diving vessel *Uglich* sent to assist grounded tanker *Araks* in Caspian Sea.

*Turkish Maritime* [Online]. 9 January 2017. Available from:

<http://www.turkishmaritime.com.tr/russian-diving-vessel-uglich-sent-to-assist-grounded-tanker-araks-in-caspian-sea-28432h.htm>

The divers will inspect the underwater condition of the hull and will consider the removal of the wreck from the shallows.

### 7 fishermen hurt as ship rams boat off Kochi. *The Hindu (India)* [Online]. 9 January 2017.

Available from: <http://www.thehindu.com/todays-paper/tp-national/7-fishermen-hurt-as-ship-rams-boat-off-Kochi/article17010696.ece> A major tragedy was averted as another fishing boat anchored nearby rescued the fishermen before their boat capsized.

### Rescue workers scoop crew from tanker stranded off Cape Breton. By Anjuli Patil.

*Canadian Broadcasting Corporation (CBC)* [Online]. 8 January 2017. Available from:

<http://www.cbc.ca/news/canada/nova-scotia/tanker-aground-off-sydney-mines-1.3926585> 

A tanker has run aground off Little Pond, N.S., after experiencing engine failure and rescue crews have successfully removed six people from the stranded ship.



**Uni-Asia bulk carrier collides with fishing boat, two dead. By Lee Hong Liang.**

*Seatrade Maritime News* [Online]. 11 January 2017. Available from: <http://www.seatrade-maritime.com/news/asia/uni-asia-s-bulk-carrier-collides-with-fishing-boat-two-lives-lost.html>

Uni-Asia Holdings has informed that one of its bulk carriers had collided with a fishing boat in South Korean waters on 11 January, leading to the capsizing of the fishing boat and death of the two boat crew.

**Pirates attack fishing boat in Philippine south, eight killed - coast guard.**

**By Manuel Mogato.** *Reuters* [Online]. 10 January 2017. Available from:

<http://uk.reuters.com/article/uk-philippines-piracy-idUKKBN14U0DT> Armed men killed eight fishermen in what appeared to be an attack by pirates in dangerous waters in the southern Philippines, a coast guard spokesman said on Tuesday.

**First attempt to tow tanker grounded off Cape Breton ends in failure.**

*Canadian Broadcasting Corporation (CBC)* [Online]. 10 January 2017. Available from:

<http://www.cbc.ca/news/canada/nova-scotia/canadian-coast-guard-tanker-arca-1-1.3928688>

An attempt to tow a vessel grounded off Cape Breton ended in failure Tuesday evening when the salvage contractor couldn't remove enough ballast water from the ship, according to the Canadian Coast Guard.

**Gustav Maersk grounded in the Messina Strait. Maersk** [Online]. 12 January 2017.

Available from: <http://www.maerskline.com/en-us/countries/int/news/news-articles/2017/01/gustav-maersk-grounded-in-the-messina-strait>

On Tuesday 10 January at 02.43 AM local time, our container vessel *Gustav Maersk* grounded in the Messina Strait, while en route from Rijeka, Croatia, to Gioia Tauro, Italy.

**Minister demands Danish report on Maersk shipwreck. By Niklas Krigslund.**

*ShippingWatch* [Online]. 13 January 2017. Available from:

<http://shippingwatch.com/secure/Offshore/article9290148.ece> France's Minister of Environment and former presidential candidate Ségolène Royal is now entering the case regarding the two Maersk vessels which sank off the coast of France just before Christmas.

**Grounded tanker freed from Cape Breton shore. By David Burke.**

*Canadian Broadcasting Corporation (CBC)* [Online]. 15 January 2017. Available from:

<http://www.cbc.ca/news/canada/nova-scotia/arca-1-vessel-removed-tanker-cape-breton-1.3936654>

The grounded bunkering tanker *Arca 1* has been freed from the coast of Little Pond, N.S., and is now tied to a dock in the Sydney harbour after being stranded for a week.

**1 survives, 10 missing as ship sinks near Corregidor. By Betheena Kae Unite.**

*Manila Bulletin* [Online]. 17 January 2017. Available from:

<http://news.mb.com.ph/2017/01/17/1-survives-10-missing-as-ship-catches-fire-sinks-near-corregidor/>

A cargo vessel caught fire and sank off Caballo Island at the mouth of Manila Bay between Corregidor Island and Cavite early Tuesday, January 17, the Philippine Coast Guard reported.

**The MSC NAPOLI - ten years on. UK Maritime & Coastguard Agency** [Online].

18 January 2017. Available from: <http://hmcoastguard.blogspot.co.uk/2017/01/the-msc-napoli-ten-years-on.html>

Ten years ago today, the *MSC Napoli*, a 275 metre (900ft) long container ship was on passage in the English Channel when she got caught in stormy weather and suffered catastrophic hull damage.

**Ten years to the day *MSC Napoli* beached in Devon. By Daniel Clark.**

*Torquay Herald Express* [Online]. 18 January 2017. Available from:

<http://www.torquayheraldexpress.co.uk/ten-years-to-the-day-msc-napoli-beached-in-devon/story-30067418-detail/story.html>

It is ten years to the day when the container ship *MSC Napoli*, measuring 275 metres long, was caught in stormy weather in the English channel.

**All passengers safely evacuated after ferry fire this morning - Isle of Wight.**

*UK Maritime & Coastguard Agency* [Online]. 19 January 2017. Available from:

<http://hmcoastguard.blogspot.co.uk/2017/01/all-passengers-safely-evacuated-after.html>

At about 9.30 today the St Faith Wight Link car ferry contacted the UK Coastguard reporting a fire on their bridge wing port side.

**Ice Traps Four-Vessel Convoy off Chukotka. *World Maritime News* [Online].**

19 January 2017. Available from: [http://worldmaritimenews.com/archives/210800/ice-traps-](http://worldmaritimenews.com/archives/210800/ice-traps-four-vessel-convoy-off-chukotka/)

[four-vessel-convoy-off-chukotka/](http://worldmaritimenews.com/archives/210800/ice-traps-four-vessel-convoy-off-chukotka/) A convoy of four vessels, two bulk carriers and two icebreakers, is trapped by ice off the coast of Chukotka Peninsula, according to Russian Emergencies Ministry's Directorate for the Chukotka Autonomous Area.

**Man dies in ship boiler room 'explosion' in Felixstowe. *BBC News* [Online].**

20 January 2017. Available from: <http://www.bbc.co.uk/news/uk-england-suffolk-38687852> 


A person has died in what has been described as an "explosion" on board a ship at the Port of Felixstowe.

**12 dead, 25 missing after boat capsizes off Malaysia. *Channel News Asia* [Online].**

23 January 2017. Available from: <http://www.channelnewsasia.com/news/asiapacific/ten-dead-30-missing-after-boat-capsizes-off-malaysia/3460306.html>

Twelve people are confirmed dead and about 25 missing after a boat believed to be carrying Indonesian illegal immigrants capsized in rough seas off Malaysia, an official said in an update on Tuesday (Jan 24).

**The sunken lighthouse: The inspections. By Eric Martin. *TradeWinds* [Online].**

23 January 2017. Available from: <http://www.tradewindsnews.com/casualties/1208797/the-sunken-lighthouse-the-inspections> 

The Sunken Lighthouse is TradeWinds' podcast exploring the sinking of the containership/ro-ro *El Faro*, a TOTE Maritime-controlled ship whose loss killed all 33 people onboard.

**Captain, crew arrested over deadly Sabah boat capsizes. *Malay Mail Online* [Online].**

30 January 2017. Available from: <http://www.themalaymailonline.com/malaysia/article/captain-crew-arrested-over-deadly-sabah-boat-capsize>

Police have arrested a boat skipper and crew member for gross negligence over a catamaran accident off Kota Kinabalu that killed at least three people.

**Ship collision spills 1 tonne oil, turns up dead turtles, fish. By Abdullah Nurullah.**

*Times of India* [Online]. 30 January 2017. Available from:

<http://timesofindia.indiatimes.com/city/chennai/ship-collision-spills-1-tonne-oil-turns-up-dead-turtles-fish/articleshow/56863794.cms>

Dead turtles and fish floated on the sea at Ernavur, near Ennore, a day after the fuel tank of an oil tanker ship burst following a collision with an LPG carrying vessel.



## ENVIRONMENT

### **Freight Vessels and Cruise Liners Must Amend Their Behaviour to Protect Polar Waters.**

*Handy Shipping Guide* [Online]. 4 January 2017. Available from:

[http://www.handyshippingguide.com/shipping-news/freight-vessels-and-cruise-liners-must-amend-their-behaviour-to-protect-polar-waters\\_7669](http://www.handyshippingguide.com/shipping-news/freight-vessels-and-cruise-liners-must-amend-their-behaviour-to-protect-polar-waters_7669)

Arctic – Antarctic – With more and more ships navigating in polar waters, the International Maritime Organization (IMO) has moved to address international concern about the protection of the polar environment and the safety of seafarers and passengers with the introduction of new regulations that all ships operating in these harsh and challenging waters must comply with.

### **Planes and ships hampering road transport's climate efforts.**

*Transport & Environment* [Online]. 5 January 2017. Available from: <https://www.transportenvironment.org/news/planes-and-ships-hampering-road-transport%E2%80%99s-climate-efforts> The extent to which transport is falling behind in reducing its CO2 emissions is highlighted in a new report by the Dutch consultancy CE Delft.

### **1st Assembly on Mapping our Seas, Oceans and Waterways - More Important Than Ever.**

*Hydro International* [Online]. 11 January 2017. Available from: <http://www.goo.gl/losdkZ>

After nearly a century in Monaco, the IHO will enter its second century under a revised governance structure, with the 1st Session of the IHO Assembly taking place from 24 to 28 April 2017.

### **Manitoba and Genome Canada invest in research in Canada's Arctic.**

*University of Manitoba (Canada)* [Online]. 16 January 2017. Available from:

<http://news.umanitoba.ca/manitoba-and-genome-canada-invest-in-research-in-canadas-arctic/>

Research Manitoba and The Government of Canada today announced \$4 million in funding for GENICE: a large-scale applied research project (LSARP).

### **World's First Hydrogen Ship to Tour the Globe.**

*United Nations Framework Convention on Climate Change (UNFCCC)* [Online]. 17 January 2017. Available from:

<http://newsroom.unfccc.int/climate-action/world-s-first-hydrogen-ship-promises-potential-for-sustainable-shipping/>

Energy Observer, the world's first hydrogen ship, is set to make a six-year journey around the world to promote renewable sources of energy.

### **Global sea ice is at lowest level ever recorded. By Michael Le Page.**

*New Scientist* [Online]. 16 January 2017. Available from: <https://www.newscientist.com/article/2118093-global-sea-ice-is-at-lowest-level-ever-recorded/>

The area of the world's oceans covered by floating sea ice is the smallest recorded since satellite monitoring began in the 1970s.

### **The Blue Economy.**

*WWF* [Online]. 17 January 2017. Available from:

[http://d2ouvy59p0dg6k.cloudfront.net/downloads/thecircle0416\\_1.pdf](http://d2ouvy59p0dg6k.cloudfront.net/downloads/thecircle0416_1.pdf)

The Blue Economy concept provides us with a useful lens to understand the importance and value of the marine economy and how industrial activities, transportation, livelihoods, food security, recreational activities and ecosystems are linked.

### **World Ocean Council partners in EU blue-action project on impact of Arctic on weather and climate changes.**

*Arctic Journal* [Online]. 19 January 2017. Available from:

<http://arcticjournal.com/press-releases/2854/world-ocean-council-partners-eu-blue-action-project-impact-arctic-weather-and>

WOC Joins International Group of 40 Organizations in the Blue-Action Project on the Impact of Arctic Changes on Northern Hemisphere Weather and Climate.

### **Bid to protect world's \$2.5 trillion ocean economy.**

*South African Broadcasting Corporation (SABC)* [Online]. 21 January 2017. Available from: [http://www.sabc.co.za/news/a/6a6bc0004fc824df949ebe56448ba7d5/Bid-to-protect-worlds-\\$2.5-trillion-ocean-economy-20170121](http://www.sabc.co.za/news/a/6a6bc0004fc824df949ebe56448ba7d5/Bid-to-protect-worlds-$2.5-trillion-ocean-economy-20170121) World Economic Forum (WEF) has announced a partnership to help improve the health of the world's oceans and maritime resources.

### **Western Indian Ocean valued at US\$333.8 billion but at a crossroads. WWF** [Online].

24 January 2017. Available from: [http://wwf.panda.org/wwf\\_news/?290410/Western-Indian-Ocean-valued-at-US3338-billion-but-at-a-crossroads](http://wwf.panda.org/wwf_news/?290410/Western-Indian-Ocean-valued-at-US3338-billion-but-at-a-crossroads) A groundbreaking new report finds the ocean assets of the Western Indian Ocean region are valued conservatively at US\$333.8 billion but foreshadows significant challenges for the region's ocean-based economies and food supplies in the absence of stronger conservation actions.

[Reviewing the Western Indian Ocean Economy: Summary](#)  [Full Report](#) 


### **The Arctic: Hot or Not? By Kathrin Keil. Arctic Institute** [Online]. 23 January 2017.

Available from: <http://www.thearcticinstitute.org/arctic-hot-not/> Environmental changes in the Arctic are making the region more accessible which many believe will lead to competition and conflict over its resources.

### **Arctic Commitment Signatories Demand Arctic Shipping Clean Up. Clean Arctic Alliance**

[Online]. 25 January 2017. Available from: <http://www.hfofreearctic.org/en/2017/01/25/arctic-commitment/> A world-leading expedition cruise ship operator today joined international environmental organisations to spearhead the protection of Arctic communities and ecosystems from risks posed by the use of marine heavy fuel oil (HFO) to power ships, at the Arctic Frontiers conference in Tromsø, Norway.


### **New incentive for cargo and cruise vessels intended to quiet waters around the Port of Vancouver for at-risk whales. Port of Vancouver (Canada)** [Online]. 25 January 2017.

Available from: <http://www.portvancouver.com/news-and-media/news/new-incentive-for-cargo-and-cruise-vessels-intended-to-quiet-waters-around-the-port-of-vancouver-for-at-risk-whales/> The Vancouver Fraser Port Authority has launched an industry-leading incentive program for marine vessels operating in the Port of Vancouver, aimed at addressing concerns about underwater vessel noise affecting at-risk marine life. [The effects of vessel underwater noise on whales and what mariners can do about it – Infographic](#) 

### **Ten companies slowed ships in Santa Barbara Channel region 2016 program to protect blue whales. American Journal of Transportation (AJOT)** [Online]. 25 January 2017.

Available from: <https://www.ajot.com/news/ten-companies-slowed-ships-in-santa-barbara-channel-region-2016-program-to> The partners in an initiative to cut air pollution and protect whales announced results from the 2016 voluntary incentive program and publicly recognized the ten shipping companies who participated, reducing speeds in the Santa Barbara Channel region to 12 knots or less.

### **People around the world are helping the US save its climate data. By Carolyn Beeler.**

*Public Radio International (PRI)* [Online]. 26 January 2017. Available from: <https://www.pri.org/stories/2017-01-26/people-around-world-are-helping-us-save-its-climate-data>  Michelle Murphy is a professor in Canada, but her research on the Great Lakes depends on water quality data collected by her neighbours to the south.

### **Sounding the alarm on underwater noise. By Chris Lo. Ship-Technology.Com** [Online].

30 January 2017. Available from: <http://www.ship-technology.com/features/featuresounding-the-alarm-on-underwater-noise-5725953/> Comprehensive data on the potential damage caused by underwater shipping noise is lacking, but larger-scale studies have begun to emerge.


**European Commission about to fund 10 new blue growth projects.** *European Commission* [Online]. 27 January 2017. Available from: <http://ec.europa.eu/easme/en/news/european-commission-about-fund-10-new-blue-growth-projects> The European Commission has selected six 'blue career' and four 'blue labs' projects for funding under the European Maritime and Fisheries Fund (EMFF).

## ENVIRONMENTAL POLLUTION

**Johor oil spill clean-up in high gear as fishermen rue losses.**

*New Straits Times Online (Malaysia)* [Online]. 5 January 2017. Available from: <http://www.nst.com.my/news/2017/01/201977/johor-oil-spill-clean-high-gear-fishermen-rue-losses> Fishermen at six villages near the Pasir Gudang Port might suffer losses amounting to RM130,000 due to an oil spill following the collision of two container vessels on Tuesday.


**Big cleanup of Singapore's north-eastern coast after oil spill. By Audrey Tan.**

*Straits Times* [Online]. 6 January 2017. Available from: <http://www.straitstimes.com/singapore/environment/big-cleanup-of-n-e-coast-after-oil-spill>  More than 200 personnel have been involved in a major cleanup of Singapore's north-eastern coast, where the authorities found beaches covered with a black, tar-like substance after an oil spill in Johor.

**As British tourists take to the seas, giant cruise ships spread pollution misery.**

**By Tracy McVeigh.** *The Guardian* [Online]. 8 January 2017. Available from: <https://www.theguardian.com/environment/2017/jan/08/ports-pollution-cruising-ships-freight-sea> From the upstairs windows in Colin MacQueen's house there isn't a view of the sea but he can clearly see the ships.


**Oil spill off Johor: Affected fish farms plan to seek compensation. By Lianne Chia.**

*Channel News Asia* [Online]. 7 January 2017. Available from: <http://www.channelnewsasia.com/news/singapore/oil-spill-off-johor-affected-fish-farms-plan-to-see/3419216.html>  One fish farm lost almost its entire Chinese New Year harvest, after a vessel collision off Johor on Tuesday (Jan 3) resulted in about 300 tonnes of oil spilling into the sea.

**North Sea clean-up could cost the UK billions. By Søren Springborg.** *ShippingWatch*

[Online]. 9 January 2017. Available from: <http://shippingwatch.com/secure/Offshore/article9278954.ece> The clean-up – or "decommissioning" – of British oil ventures in the North Sea will likely end up costing the UK government more than originally anticipated, writes the Financial Times.

**Cape Breton fishermen concerned about possible oil spill from stranded oil tanker.**

*CTV News (Canada)* [Online]. 9 January 2017. Available from: <http://atlantic.ctvnews.ca/cape-breton-fishermen-concerned-about-possible-oil-spill-from-stranded-oil-tanker-1.3234357>  While the Transportation Safety Board is investigating how and why an oil tanker ran aground off Cape Breton on the weekend, concern is growing among local fishermen worried about a possible oil spill when the vessel is moved.

**The New Plastics Economy: Catalysing action.** *World Economic Forum* [Online].

16 January 2017. Available from: <https://www.weforum.org/reports/the-new-plastics-economy-catalysing-action> In just over half a century, plastics have become pervasive throughout the economy, due to their versatility and cost-effectiveness.

**Oil spill results in major pollution in Gulf of Izmit.** *Hurriyet Daily News (Turkey)* [Online]. 19 January 2017. Available from: <http://www.hurriyetdailynews.com/oil-spill-results-in-major-pollution-in-gulf-of-izmit.aspx?pagerID=238&nID=108715&NewsCatID=340> A major oil spill that occurred off the coast of Dilovasi in the Gulf of Izmit on Jan. 12 has been cleaned up "to a great extent," according to Turkey's Environment Ministry.

**Oil bottles lead to AMSA investigation.** *Tangaroa Blue Foundation (Australia)* [Online]. 20 January 2017. Available from: <http://www.tangaroablue.org/amdi/amdi-program/wa/721> During the Western Australian Beach Clean-up event in October 2016, two bunker oil bottles were discovered in the Leeuwin Naturaliste National Park by volunteers.

**Downward trend in tanker spills continues.** *International Tanker Owners Pollution Federation (ITOPF)* [Online]. 18 January 2017. Available from: <http://www.itopf.com/news-events/news/article/downward-trend-in-tanker-spills-continues-1/> The average number of large oil spills from tankers, i.e. greater than 700 tonnes, has progressively reduced and since 2010 averages 1.7 per year. [Oil Tanker Spill Statistics 2016](#)

**Extreme air pollution levels found on deck of cruise ship.** *NABU (Nature and Biodiversity Conservation Union)* [Online]. January 2017. Available from: <https://en.nabu.de/news/2017/21870.html> NABU finds its criticism confirmed that cruise ships' exhaust gases not only severely damage the environment but also harm human health.

**Oceans of Plastic: Fixing Indonesia's Marine Debris Pollution Laws.** **By Muhammad Taufan.** *The Diplomat* [Online]. 26 January 2017. Available from: <http://thediplomat.com/2017/01/oceans-of-plastic-fixing-indonesias-marine-debris-pollution-laws/> The world's oceans are choking on mountains of debris, and Indonesia's marine environment is one of the worst victims.

**44 invading species 'loose' in North Atlantic, study shows.** **By Alan Williams.** *Plymouth University (UK)* [Online]. 27 January 2017. Available from: <https://www.plymouth.ac.uk/news/44-invading-species-loose-in-the-north-atlantic-study-shows> Accidental introductions of non-native species has been of increasing concern since the 1980s when human-mediated transportation, mainly related to ships' ballast water, was recognised as a major route by which species are transported and spread.

## HEALTH


**Crew health: Obesity onboard.** *Splash 24/7* [Online]. 3 January 2017. Available from: <http://splash247.com/crew-health-obesity-onboard/> In today's world, activities at work and at home are generally less physical than previous generations.

**Captains facing a growing problem.** **By Captain Jan J Sundberg, Al Mare Consulting.** *Splash 24/7* [Online]. 4 January 2017. Available from: <http://splash247.com/captains-facing-growing-problem/> Obesity is a problem and proven to hamper 'normal' physiological activity and performance to various extents especially in stress environments with very little time at hand.

## HEALTH AND SAFETY

**Taking the livestock campaign to the IMO.** **By Sam Chambers.** *Splash 24/7* [Online]. 23 December 2016. Available from: <http://splash247.com/taking-livestock-campaign-imo/> Given Lynn's superb reportage on the horrors that crews face when working on these livestock carriers.

**Crew health: Food hygiene onboard.** *Splash 24/7* [Online]. 4 January 2017. Available from: <http://splash247.com/crew-health-food-hygiene-onboard/> When it comes to ensuring a fit and healthy crew, all vessels should apply food safety principles.

**MARTHA fatigue report is launched at the IMO.** *InterManager* [Online]. 31 January 2017. Available from: <https://www.intermanager.org/2017/01/martha-fatigue-report-is-launched-at-the-imo/> InterManager, the trade association for in-house and third party ship managers, together with The Warsash Maritime Academy, has presented the findings of its fatigue study, Project MARTHA, to The International Maritime Organization (IMO). [Project MARTHA Final Report](#) 

## IMO

**EU ship levy proposal risks undermining efforts to cut sector emissions: U.N. agency.** By Jonathan Saul. *Reuters* [Online]. 9 January 2017. Available from: <http://www.reuters.com/article/us-shipping-climate-eu-idUSKBN14T1JY> A European Union proposal to impose a levy on ships over their greenhouse gas emissions risks undermining the sector's global efforts to tackle the issue, the UN shipping agency's chief said on Monday.

**UN shipping body rejects EU climate initiative.** By Ed King. *Climate Home* [Online]. 9 January 2017. Available from: <http://www.climatechangenews.com/2017/01/09/un-shipping-body-rejects-eu-climate-initiative/> The UN's shipping chief has attacked European efforts to impose regional controls on the sector's greenhouse gas emissions in a letter to leaders in Brussels.

**By complaining to Europe, is IMO boss aligning himself with shipping's climate laggards? - NGOs reaction.** *Clean Shipping Coalition (CSC)* [Online]. 11 January 2017. Available from: <http://www.cleanshipping.org/complaining-europe-imo-boss-aligning-shippings-climate-laggards-ngos-reaction/> The Clean Shipping Coalition (CSC), a group of NGOs with observer status at the UN's International Maritime Organisation (IMO), have heavily criticised comments by the head of the IMO warning the EU against taking action to address increasing GHG emissions from ships.

**Industry body questions IMO remarks on revised EU ETS.** By Wei Zhe Tan. *Lloyd's List* [Online]. 12 January 2017. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article547030.ece> Brussels-based Clean Shipping Coalition has expressed its disapproval of International Maritime Organization secretary-general Kitack Lim's critique of the European Parliament's decision in December to include EU-related shipping emissions in its Emissions Trading Scheme.

**A shot across the EU bow.** By Michael Grey. *Seatrade Maritime News* [Online]. 13 January 2017. Available from: <http://www.seatrade-maritime.com/news/europe/a-shot-across-the-eu-bow.html> This, in principle, sums up the difference between the way that the global shipping industry's regulator, the IMO, works, compared to the way that the European Union exercises its powers, or "competences".



**"IMO has our full support in the mitigation of global GHG emissions from ships".**

*International Association of Dry Cargo Shipowners (INTERCARGO)* [Online]. 12 January 2017. Available from:

[http://www.intercargo.org/en/?option=com\\_attachments&task=download&id=367](http://www.intercargo.org/en/?option=com_attachments&task=download&id=367) 

INTERCARGO expresses its full support and total alignment with IMO Secretary-General Kitack Lim's concerns that including shipping in the European Union's Emission Trading System (EU-ETS) could undermine efforts to reduce greenhouse gas (GHG) emissions from ships on a global basis.

**UTT Maritime Studies to host The Maritime Technology Cooperation Centre (MTCC) for the Caribbean Region.** *Daily Express (Trinidad and Tobago)* [Online]. 12 January 2017.

Available from: <http://www.trinidadexpress.com/20170112/press-releases/utt-maritime-studies-to-host-the-maritime-technology-cooperation-centre-mtcc-for-the-caribbean-region>

The University of Trinidad and Tobago (UTT) has been selected by the International Maritime Organization (IMO) to host the regional Maritime Technology Cooperation Centre (MTCC) for the Caribbean.

**Brussels wants 'more action, fewer letters' on emissions. By Anastassios Adamopoulos.**

*Lloyd's List* [Online]. 12 January 2017. Available from:

<https://www.lloydslist.com/ll/sector/regulation/article547085.ece> The International Maritime Organization should focus on regulating shipping's greenhouse gas emissions rather than raise complaints, was the European Commission's response to the organisation's grief over the EU's revised emissions trading system.

**SMU Announced by IMO to Host Regional Maritime Technology Cooperation Centre (MTCC).** *Shanghai Maritime University* [Online]. 16 January 2017. Available from:

[http://en.shmtu.edu.cn/controller.asp?action=detail\\_en&tid=0060&id=1701160003](http://en.shmtu.edu.cn/controller.asp?action=detail_en&tid=0060&id=1701160003)

On December 27, IMO (International Maritime Organization) announced that SMU will host the MTCC (Maritime Technology Cooperation Centre) for the Asia region under the Global MTTC Network (GMN) project.

**IMCA Welcomes IMO Secretary General's Call Not to Threaten IMO's Emissions Global Roadmap.** *International Marine Contractors Association (IMCA)* [Online]. 18 January 2017.

Available from: <http://www.imca-int.com/news/2017/1/18/imca-welcomes-imo-secretary-generals-call-not-to-threaten-imos-emissions-global-roadmap.aspx> The International Marine Contractors Association (IMCA) believes that the roadmap adopted by the Marine Environment Protection of IMO (MEPC 70) to develop a comprehensive strategy to reduce greenhouse gases (GHG) emissions globally from shipping provides the right framework for moving forward on this vital issue.

**More Efficient Shipping to Play a Major Role in Ensuring Global Stability, Says IMO Head.**

*Ship & Bunker* [Online]. 20 January 2017. Available from:

<http://shipandbunker.com/news/world/437500-more-efficient-shipping-to-play-a-major-role-in-ensuring-global-stability-says-imo-head>

The International Maritime Organization's (IMO's) Secretary-General Kitack Lim, Thursday said more efficient shipping will be a key factor in ensuring global stability.

**EU Commission criticizes IMO inertia. By Tomas Kristiansen and Mette Mandrup.**

*ShippingWatch* [Online]. 20 January 2017. Available from:

<http://shippingwatch.com/secure/carriers/article9305639.ece> A dispute has flared up again between the EU and the IMO, over which entity is responsible for taking action to reduce carbon emissions from the shipping sector.



**Federal Transport Authority submits results of mandatory check conducted by IMO.**

WAM (Emirates News Agency) [Online]. 26 January 2017. Available from: <http://wam.ae/en/details/1395302593955> The Federal Authority for Land and Maritime Transport held a meeting on Thursday to submit the results of the mandatory check conducted by the International Maritime Organisation (IMO).

**IMO plans for sulphur cap are 'a mess' says UAE ship manager. By James Henderson.**

Seatrade Maritime News [Online]. 29 January 2017. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/imo-plans-for-sulphur-cap-are-a-mess-says-uae-ship-manager.html> A high-ranking member of the UAE's shipping community has hit out at the IMO decision to implement a low sulphur cap on marine fuels by 2020.

## LAW AND POLICY

**Mudit Singh: Increasing bunker disputes. By Mudit Singh. Shipowners' Club [Online].**

20 December 2016. Available from: <https://www.shipownersclub.com/increasing-bunker-disputes/> The Club has recently experienced an increase in the number of bunker quality dispute claims arising from the delivery of allegedly off-specification or contaminated bunkers.


**Ministry fires Muara Angke port master after fatal boat incident. By Safrin La Batu.**

Jakarta Post [Online]. 3 January 2017. Available from: <http://www.thejakartapost.com/news/2017/01/03/ministry-fires-muara-angke-port-master-after-fatal-boat-incident.html> The Transportation Ministry has fired Muara Angke port master Deddy Junaedi after the *Zahro Express* boat that was leaving the port for Thousand Islands on Sunday exploded, killing 23 passengers.

**Marina maximizes efforts for PH to be compliant with STCW Convention and Code.**

Manila Bulletin [Online]. 29 December 2016. Available from: <http://business.mb.com.ph/2016/12/29/marina-maximizes-efforts-for-ph-to-be-compliant-with-stcw-convention-and-code/> The Maritime Industry Authority (Marina) is maximizing efforts to the best it could, for the country to achieve compliance with the 1978 Standards of Training, Certification and Watch-keeping (STCW) Convention and Code for Seafarers, as amended.

**Direction for cruise vessels to limit sulphur emissions while at berth in Sydney Harbour.**


Australian Maritime Safety Authority (AMSA) [Online]. 2016. Available from: <https://apps.amsa.gov.au/MOREview/Attachment/ShowAttachment/5146>  The purpose of this Marine Notice is to alert cruise vessel masters and operators to AMSA's intended actions to limit sulphur emissions from cruise vessels<sup>1</sup> when at berth in the Port of Sydney Harbour.

**Marshall Islands allows BWMC delays; reactions mixed. By Paul Gunton.**

Ballast Water Treatment Technology [Online]. 4 January 2017. Available from: [http://www.ballastwatermanagement.co.uk/news/view.marshall-islands-allows-early-iopp-renewal-reactions-mixed\\_45947.htm](http://www.ballastwatermanagement.co.uk/news/view.marshall-islands-allows-early-iopp-renewal-reactions-mixed_45947.htm) The Marshall Islands ship register is allowing shipowners to delay complying with the Ballast Water Management Convention (BWMC) by renewing their ships' International Oil Pollution Prevention (IOPP) certificates early.

**What's behind Timor-Leste terminating its maritime treaty with Australia.**


By Rebecca Strating. *The Conversation* [Online]. 10 January 2017. Available from: <https://theconversation.com/whats-behind-timor-leste-terminating-its-maritime-treaty-with-australia-71002> The government of Timor-Leste has officially notified Australia of its wish to terminate the 2006 Treaty on Certain Maritime Arrangements in the Timor Sea (CMATS).

**Timor-Leste notifies Australia to end the 2006 Treaty.** *Government of Timor-Leste* [Online]. 9 January 2017. Available from: <http://timor-leste.gov.tl/?p=17063&lang=en&n=1>  
The Government of Timor-Leste has notified Australia on January 10, 2017 of its intention to terminate the Treaty on Certain Maritime Arrangements in the Timor Sea, signed in 2006.  
[Joint Statement](#) 

**Demand to arrest captain of ship involved in accident.** *The Hindu (India)* [Online]. 9 January 2017. Available from: <http://www.thehindu.com/news/national/kerala/Demand-to-arrest-captain-of-ship-involved-in-accident/article17013474.ece> Fishermen's union Matsya Thozhilali Aikya Vedi has demanded the arrest of the captain of the ship that was involved in an accident in the early hours of Sunday off the coast of Kayamkulam.

**Fishers call for stringent laws, improved monitoring.** By Saumesh Thimbath. *New Indian Express* [Online]. 11 January 2017. Available from: <http://www.newindianexpress.com/cities/kochi/2017/jan/11/fishers-call-for-stringent-laws-improved-monitoring-1558385.html> The fishing community has demanded stringent laws and an enhanced monitoring system to tackle errant ships in the wake of the 'hit and run' case in which a fishing boat sank after it was hit by a container ship off Alappuzha on Sunday.

**United States and Cuba Sign Bilateral Oil Spill Preparedness and Response Agreement.** *US Embassy in Cuba* [Online]. 9 January 2017. Available from: <https://cu.usembassy.gov/united-states-cuba-sign-bilateral-oil-spill-preparedness-response-agreement/> The United States and Cuba signed a bilateral agreement to prepare for and respond to oil spills and hazardous substance pollution in the Gulf of Mexico and the Straits of Florida on January 9, 2017.

**China Pushes Back After Tillerson Warns on South China Sea.** By Peter Martin. *Bloomberg* [Online]. 12 January 2017. Available from: <https://www.bloomberg.com/news/articles/2017-01-12/tillerson-says-china-can-t-have-access-to-south-china-sea-isles>  China said it had the right to act in its own territory in the disputed South China Sea, pushing back after President-elect Donald Trump's nominee for secretary of state said Beijing must be denied access to reclaimed reefs.

**Dubai International Arbitration Centre signs MOU with Emirates Maritime Arbitration Centre.** *Dubai Chamber of Commerce and Industry* [Online]. 10 January 2017. Available from: [http://www.dubaichamber.com/whats-happening/chamber\\_news/dubai-international-arbitration-centre-signs-mou-with-emirates-maritime-arbitration-centre](http://www.dubaichamber.com/whats-happening/chamber_news/dubai-international-arbitration-centre-signs-mou-with-emirates-maritime-arbitration-centre) Under the terms of the MoU, DIAC and EMAC will cooperate to host and lead workshops, seminars, conferences, presentations and educational activities focusing on arbitration, conciliation, mediation and dispute resolution in general.

**Greek Shipping Companies Sentenced to Pay \$2.7 Million for Ocean Pollution.** *US Department of Justice* [Online]. 12 January 2017. Available from: <https://www.justice.gov/opa/pr/greek-shipping-companies-sentenced-pay-27-million-ocean-pollution> Two Greek shipping companies were sentenced yesterday to pay corporate penalties totalling \$2.7 million after being convicted for obstructing justice, violating the Act to Prevent Pollution from Ships (APPS), tampering with witnesses and conspiracy.

**Gov't encouraged to comply with maritime rules.** *Solomon Islands Broadcasting Corporation (SIBC)* [Online]. 11 January 2017. Available from: <http://www.sibconline.com.sb/govt-encouraged-to-comply-with-maritime-rules/> The Solomon Islands Government is encouraged to comply with the International Maritime Organisation Conventions by investing in its shipping industry.

**Supreme Administrative Court upholds decision to nullify Red Sea islands agreement. By Al-Masry Al-Youm.** *Egypt Independent* [Online]. 16 January 2017. Available from: <http://www.egyptindependent.com/news/supreme-administrative-court-upholds-decision-nullify-red-sea-islands-agreement> Egypt's Supreme Administrative Court on Monday nullified an agreement between Egypt and Saudi Arabia that would have transferred the two Red Sea islands, Tiran and Sanafir, to Saudi waters.

**The Marine Strategy Framework Directive reporting.** *European Commission* [Online]. 17 January 2017. Available from: [http://ec.europa.eu/environment/marine/eu-coast-and-marine-policy/implementation/reports\\_en.htm](http://ec.europa.eu/environment/marine/eu-coast-and-marine-policy/implementation/reports_en.htm) The Marine Directive aims to achieve Good Environmental Status of the EU's marine waters by 2020 and to protect the resource base upon which marine-related economic and social activities depend. Seas in Good Environmental Status are clean, healthy and productive. [Report from the Commission to the European Parliament and the Council assessing Member States' monitoring programmes ...](#)

**Letter to Commission on reducing emissions in aviation and maritime sectors.** *Seas at Risk* [Online]. 16 January 2017. Available from: <http://www.seas-at-risk.org/18-shipping/707-letter-to-commission-on-reducing-emissions-in-aviation-and-maritime-sectors.html> In this letter CAN Europe, Seas At Risk, Transport & Environment, Carbon Market Watch and the Aviation Environment Federation urge the European Commission to ensure the aviation and maritime sectors reduce emissions in line with the temperature goals of the Paris Agreement.

**Government moves to tackle corruption at Nigerian ports. By Sulaimon Salau.** *Guardian (Nigeria)* [Online]. 18 January 2017. Available from: <https://guardian.ng/business-services/government-moves-to-tackle-corruption-at-nigerian-ports/> Plans are in the pipeline by the Federal Government to deploy its anti-corruption mechanisms to significantly reduce the menace of fraudulent and criminal activities at the Nigerian ports.

**Environment and Natural Resources Division Announces 2016 One of its Most Successful Years in History.** *US Department of Justice* [Online]. 13 January 2017. Available from: <https://www.justice.gov/opa/pr/environment-and-natural-resources-division-announces-2016-one-its-most-successful-years> The Department of Justice's Environment and Natural Resources Division announced today the publication of its accomplishments in 2016, documenting one of the most successful years in its history of over a century, including the highest recoveries in environmental enforcement, record-setting recoveries in natural resource damages, and the highest criminal penalties handed down in individual vessel pollution and Lacey Act trafficking cases.

**Migration: How to stop the rising tide of death in Mediterranean. By Jens Pagotto, Head of Médecins Sans Frontières.** *Médecins Sans Frontières (MSF)* [Online]. 18 January 2017. Available from: <http://www.msf.org/en/article/migration-how-stop-rising-tide-death-mediterranean> The number of people who have died trying to reach Europe by crossing the Mediterranean has reached an all-time high and is becoming comparable to what Médecins Sans Frontières (MSF) is used to seeing in war zones.

**Public hearing to be held from 6 to 16 February 2017: Delimitation of the Maritime Boundary between Ghana and Côte d'Ivoire.** *International Tribunal for The Law of The Sea (ITLOS)* [Online]. 16 January 2017. Available from: <https://www.itlos.org/en/cases/list-of-cases/case-no-23/>

**Spanish tuna fleet urges EU to include other policies to achieve true ocean governance.**

*Undercurrent News* [Online]. 20 January 2017. Available from:

<https://www.undercurrentnews.com/2017/01/20/spanish-tuna-fleet-urges-eu-to-include-other-policies-to-achieve-true-ocean-governance/> The Spanish tuna fleet has stressed the importance of coordinating the common fisheries policy (CFP) with other European policies.

**Our opportunity to halt the ocean's decline. By Peter Thomson.** *World Economic Forum*

[Online]. 19 January 2017. Available from: [https://www.weforum.org/agenda/2017/01/our-](https://www.weforum.org/agenda/2017/01/our-opportunity-to-halt-the-ocean-s-decline)

[opportunity-to-halt-the-ocean-s-decline](https://www.weforum.org/agenda/2017/01/our-opportunity-to-halt-the-ocean-s-decline) The ocean is in trouble. Its bill of health does not make for happy reading, and there is clear conclusion that human-based activities are the cause of the ocean's decline.

**Unlicensed Bunker Craft Operator Fined \$81,000.** *Maritime and Port Authority of Singapore (MPA)* [Online]. 24 January 2017. Available from:

<http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/ccd328e3-dae4-4d66-80d7-8065a2d650e5> The Maritime and Port Authority of Singapore (MPA) brought charges against New Ocean Maritime Pte Ltd for providing services in the port of Singapore without a bunker craft operator licence between 3 January 2015 and 28 March 2015.

**Italian shipping firm seeks court protection as downturn bites. By Jonathan Saul and Clara Denina.** *Reuters* [Online]. 23 January 2017. Available from:

<http://uk.reuters.com/article/shipping-bottiglieri-idUKL5N1FD4CR> Jan 23 Giuseppe Bottiglieri Shipping Company, one of Italy's biggest shipping firms, has sought court protection in the country from its creditors as it looks to restructure its debts, providing more evidence of fallout from a near-decade long sector slump.

**New maritime insurance rules offer protection to Kenyans dumped abroad.**

**By Brian Ngugi.** *Business Daily (Kenya)* [Online]. 24 January 2017. Available from:

<http://www.businessdailyafrica.com/maritime-insurance-rules-offer-protection--Kenyans/1248928-3785744-bmyl29/index.htm> Kenya is set to see an end to frequent dumping of its citizens in foreign lands after last week's adoption of rules that make it compulsory for ship owners to buy insurance cover against abandonment of seafarers.

**House Approves Legislation For CMI To Be Upgraded To University.**

*The Gleaner (Jamaica)* [Online]. 24 January 2017. Available from: [http://jamaica-](http://jamaica-gleaner.com/article/news/20170124/house-approves-legislation-cmi-be-upgraded-university)

[gleaner.com/article/news/20170124/house-approves-legislation-cmi-be-upgraded-university](http://jamaica-gleaner.com/article/news/20170124/house-approves-legislation-cmi-be-upgraded-university) The Caribbean Maritime Institute (CMI) is one step closer to becoming a university after the House of Representatives this evening approved legislation to facilitate the upgrade.

**IOM Indonesia Research Supports New Fisheries Industry Human Rights Audit.**

*International Organization for Migration (IOM)* [Online]. 24 January 2017. Available from:

<http://www.iom.int/news/iom-indonesia-research-supports-new-fisheries-industry-human-rights-audit> A new government decree based in part on IOM's ground-breaking research into human trafficking in the Indonesian fisheries will address chronic human rights abuses in the industry, the country's Minister of Marine Affairs and Fisheries (KKP) says.


**The Ocean Challenges Before Us Require All Hands on Deck. By Fanny Douvère, Coordinator, Marine Programme, UNESCO World Heritage Centre.** *National Geographic*

[Online]. 25 January 2017. Available from:

<http://voices.nationalgeographic.com/2017/01/25/the-ocean-challenges-before-us-require-all-hands-on-deck/> Last year was one of extremes for the world's ocean. We celebrated the protection of vast swaths of ocean, along with some important advances in marine protected area management.



**Australia, East Timor aim to agree maritime border by Sept. By Colin Packahm.** *Reuters* [Online]. 24 January 2017. Available from: <http://uk.reuters.com/article/australia-timor-idUKL4N1FE09S> Jan 24 Australia and East Timor said on Tuesday they aim to reach an agreement on a maritime border by the end of September, which would end a decade-old row between the two nations that has stalled a \$40 billion offshore gas project.

**Joint Statement by the Governments of Timor-Leste and Australia and the Conciliation Commission Constituted Pursuant to Annex V of the United Nations Convention on the Law of the Sea.** *Permanent Court of Arbitration* [Online]. January 2017. Available from: <https://pca-cpa.org/wp-content/uploads/sites/175/2017/01/20170124-Trilateral-Joint-Statement.pdf>  Delegations from both Timor-Leste and Australia participated in a series of confidential meetings with the Conciliation Commission in Singapore from 16 to 20 January 2017.

**As Dakuku Restructures NIMASA.** *This Day (Nigeria)* [Online]. 27 January 2017. Available from: <http://www.thisdaylive.com/index.php/2017/01/27/as-dakuku-restructures-nimasa/> Eromosele Abiodun posits that the recent move by the Director General, Nigerian Maritime Administration and Safety Agency, Dr. Dakuku Peterside to enforce the full implementation of ISPS code, Cabotage Act and redeployment of NIMASA's top staff is an indication that better days are ahead

**After the oil: Norway seeks new fortunes at sea. By Martin Breum.** *EU Observer* [Online]. 27 January 2017. Available from: <https://euobserver.com/nordic/136678> Some 2,000 officials, scientists and business leaders gathered at the annual Arctic Frontiers conference in the northern city of Tromsø this week to hear how a new Norwegian oceans strategy, to be launched later this year, will pave the way.

**South Korean envoy thanks Oman for anti-piracy assistance. By Gautan Viswanathan.** *Times of Oman* [Online]. 29 January 2017. Available from: <http://timesofoman.com/article/101585> South Korean Ambassador to Oman thanked the Government of Oman for its assisting the Korean Navy's efforts to combat piracy in the region.

**House Approves Bill for CMI University Status. By Alecia Smith.** *Jamaica Information Service* [Online]. 27 January 2017. Available from: <http://jis.gov.jm/house-approves-bill-cmi-university-status/> The Caribbean Maritime Institute (CMI) is a step closer to gaining university status, with the passage of legislation to effect this.

## MARINE TECHNOLOGY

### **Cleaning up: is enough being done to progress oil spill technologies?**

*Offshore Technology* [Online]. 3 January 2017. Available from: <http://www.goo.gl/XC0PUX> Six years on the damage caused by the BP *Deepwater Horizon* spill to the nearby shoreline has been revealed in a new study conducted by the US Geological Survey and NASA.

### **Effective Use of Big Data & Remote Monitoring. By Drew Brandy, Senior Vice President, Maritime Market Strategy, INMARSAT.** *Ship & Bunker* [Online]. 9 January 2017.

Available from: <http://shipandbunker.com/news/features/industry-insight/702741-effective-use-of-big-data-remote-monitoring> The shipping industry is awash with excitement about the potential of Big Data, but views differ as to whether a fully-fledged Big Data strategy best serves the true requirements of vessel operators.

**Japanese SOx Scrubber System for Ships Acquires First Certification from Country of Ship Registration - Performance Verified in Testing on "DRIVE GREEN HIGHWAY".**

*Mitsubishi Heavy Industries, Ltd.* [Online]. 12 January 2017. Available from: <https://www.mhi-global.com/news/story/170112.html> For almost a year Kawasaki Kisen Kaisha, Ltd. ("K" Line), Mitsubishi Heavy Industries, Ltd. (MHI) and Mitsubishi Kakoki Kaisha, Ltd. (MKK) have been undertaking test operations aboard an actual ship of a newly-developed "Hybrid SOx Scrubber System" for removing sulfur oxides (SOx) from the exhaust gas emitted by marine diesel engines.

**'Virtual LNG pipeline' to boost gas fuel use by passenger ships. By Rebecca Moore.**

*Passenger Ship Technology* [Online]. 12 January 2017. Available from: [http://www.passengership.info/news/view,virtual-lng-pipeline-to-boost-gas-fuel-use-by-passenger-ships\\_46042.htm](http://www.passengership.info/news/view,virtual-lng-pipeline-to-boost-gas-fuel-use-by-passenger-ships_46042.htm) The use of liquefied natural gas (LNG) by passenger ships will be facilitated by AG&P's plans to make the fuel more widely available via small scale infrastructure.

**Navigational complacency – does routine outweigh basic seamanship?**

**By Philip Woodcock.** *Marine Electronics and Communications* [Online]. 13 January 2017. Available from: [http://www.marinemec.com/news/view,navigational-complacency-does-routine-outweigh-basic-seamanship\\_46083.htm](http://www.marinemec.com/news/view,navigational-complacency-does-routine-outweigh-basic-seamanship_46083.htm) CTVs have evolved in a very short period of time to having high technology bridges equipped with all the latest aids to navigation found in the maritime industry.

**Smart platform seeks to upgrade Dubai maritime sector's global competitiveness.**

*Government of Dubai* [Online]. 17 January 2017. Available from: <http://www.mediaoffice.ae/en/media-center/news/17/1/2017/dubai-maritime-virtual-cluster.aspx> The Dubai Maritime City Authority (DMCA) has recently launched the Dubai Maritime Virtual Cluster (DMVC) initiative which provides an important platform for facilitating effective communication among members of the cluster and removing the constraints of time and distance.

**Automation makes its mark. By Clive Woodbridge.** *Passenger Ship Technology* [Online]. 20 January 2017. Available from: [http://www.passengership.info/news/view,automation-makes-its-mark\\_46182.htm](http://www.passengership.info/news/view,automation-makes-its-mark_46182.htm) Automation and remote control are emerging as key themes within ship technology, and passenger ships, including short haul ferries, could well be among the pioneers.

**HKUST Professor Wins State Science Award for Discovery that Could Remap Marine Ecosystem and Boosts Efficiency for Shipping Industry.** *Hong Kong University of Science and Technology (HKUST)* [Online]. 24 January 2017. Available from: <http://www.goo.gl/5t4ZLN> Researchers at The Hong Kong University of Science and Technology (HKUST) has uncovered a century-old mystery on marine benthos organisms, which not only leads to the finding of a non-toxic anti-fouling coating that could help the shipping industry saves fuel consumption, but also opens the gateway for future studies that could remap the marine ecosystem.

**Do not delay installing BWMSs urge industry bosses. By Rebecca Moore.**

*Passenger Ship Technology* [Online]. 23 January 2017. Available from: [http://www.passengership.info/news/view,do-not-delay-installing-bwmss-urge-industry-bosses\\_46200.htm](http://www.passengership.info/news/view,do-not-delay-installing-bwmss-urge-industry-bosses_46200.htm) IMO is not making a decision about the implementation deadline for ballast water management systems (BWMSs) until July this year – and this has slowed down the ordering of these systems as shipowners wait for a decision, says Christopher Todd, executive director at Calgon Carbon UV Technologies and Hyde Marine.



**Visualise this: online tool provides unique insight into how modern ships work.**

*Ship-Technology.Com* [Online]. 23 January 2017. Available from: <http://www.goo.gl/CL1UGl>

The PartnerShip project is an initiative to raise awareness of the shipping industry through a Wärtsilä-designed virtual ship, which fuses a broad array of maritime technologies into a single generic model.

**New ETI report highlights three technologies that can help to cut carbon emissions and reduce fuel consumption in shipping by up to 30%. By Stuart Bradley.**

*Energy Technologies Institute (ETI)* [Online]. 24 January 2017. Available from:

<http://www.eti.co.uk/news/new-eti-report-highlights-three-technologies-that-can-help-to-cut-carbon-emissions-and-reduce-fuel-consumption-in-shipping-by-up-to-30>

The ETI has published a new report which highlights affordable measures and technologies that could be taken to reduce the fuel consumption and carbon emissions from shipping.

[Full Report](#)  [Targeting a 30% improvement in fuel efficiency for marine vessels](#) 

**Partnerships blossom as digitisation spreads. *Marine Propulsion & Auxiliary Machinery***



[Online]. 24 January 2017. Available from:

[http://www.mpropulsion.com/news/view/partnerships-blossom-as-digitisation-spreads\\_46214.htm](http://www.mpropulsion.com/news/view/partnerships-blossom-as-digitisation-spreads_46214.htm)

The adoption of digitisation by original equipment manufacturers and shipowners alike is continuing apace with the advent of a range of acquisitions and agreements.

**EMSA Study on the use of Fuel Cells in Shipping. *European Maritime Safety Agency***

(EMSA) [Online]. 23 January 2017. Available from: <http://emsa.europa.eu/emsa-documents/latest/item/2921>

Fuel Cells are a promising technology in the context of clean power sustainability and alternative fuels for shipping. [Full Report](#)  [Tables](#) 

**Viking Line to install wind propulsion technology on Viking Grace. By Rebecca Moore.**

*Passenger Ship Technology* [Online]. 25 January 2017. Available from:

[http://www.passengership.info/news/view/viking-line-to-install-wind-propulsion-technology-on-viking-grace\\_46251.htm](http://www.passengership.info/news/view/viking-line-to-install-wind-propulsion-technology-on-viking-grace_46251.htm)

Viking Line has struck an agreement with Norsepower Oy Ltd to install its auxiliary wind propulsion Rotor Sail solution on board LNG dual-fuelled Viking Grace.

**Understanding the opportunities for the wider use of LNG as a marine fuel and tackling commercial barriers is crucial. *SeaLNG***

[Online]. 26 January 2017. Available from:

<http://sea-lng.org/sea-lng-understanding-the-opportunities-for-the-wider-use-of-lng-as-a-marine-fuel-and-tackling-commercial-barriers-is-crucial/>

SEA\LNG, the multi-sector industry coalition aiming to accelerate the widespread adoption of liquefied natural gas (LNG) as a marine fuel, today stated that a collaborative approach to understanding the opportunities and then tackling the associated commercial barriers to LNG is crucial to encourage its use as an alternative to traditional bunker fuels.

## MARITIME SAFETY

### **Australia and Japan develop safety standards for shipping liquid hydrogen.**

*Australian Maritime Safety Authority (AMSA)* [Online]. 11 January 2017. Available from: [https://www.amsa.gov.au/media/documents/11012017\\_Mediarelease\\_Interimcarriagerequirementsforshippingliquidhydrogen.pdf](https://www.amsa.gov.au/media/documents/11012017_Mediarelease_Interimcarriagerequirementsforshippingliquidhydrogen.pdf)  Australia and Japan signed a memorandum at the headquarters of the Australian Maritime Safety Authority (AMSA) in Canberra today which will allow liquid hydrogen to be shipped in bulk for the first time.

### **Danish quality shipping promoted by inspection campaigns abroad.**

*Danish Maritime Authority* [Online]. 12 January 2017. Available from: <http://www.dma.dk/Presse/Nyheder/Sider/Danish-quality-shipping-promoted-by-inspection-campaigns-abroad.aspx> Every year, the Danish Maritime Authority performs flag State inspections of ships abroad that are flying the Danish flag.

### **Domestic ferry safety: Adopting a safety management system. By Brenda V. Pimentel.**

*Manila Times* [Online]. 21 January 2017. Available from: <http://www.manilatimes.net/domestic-ferry-safety-adopting-safety-management-system/307983/> Improving domestic ferry safety is a subject to which government has given much attention.

**Put people in the debate over 'Smart Ships', union argues.** *Nautilus International* [Online]. 24 January 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/put-people-in-the-debate-over-smart-ships-union-argues/> Safety may be sacrificed in the growing drive to develop autonomous ships unless more attention is paid to the human element, Nautilus has warned a maritime risks conference in London.

**Small craft safety lacking. By Helen Tarawa.** *The National (Papua New Guinea)* [Online]. 27 January 2017. Available from: <http://www.thenational.com.pg/small-craft-safety-lacking/> Papua New Guinea has outstanding issues with the enforcement of the Small Craft Act and is yet to meet safety requirements for boats, ferries and other vessels, Minister for Transport and Infrastructure Malakai Tabar says.

### **Viking's new LifeCraft reveals strong integration benefits. By Rebecca Moore.**

*Passenger Ship Technology* [Online]. 26 January 2017. Available from: [http://www.passengership.info/news/view/vikings-new-lifecraft-reveals-strong-integration-benefits\\_46258.htm](http://www.passengership.info/news/view/vikings-new-lifecraft-reveals-strong-integration-benefits_46258.htm) The revolutionary LifeCraft is coming closer to being launched and offers beneficial integration possibilities, while possible new proposals on damage stability will affect the passenger ship lifeboat sector

### **Safety solutions for Norway's ferries. By Alice Mason.** *Maritime Journal* [Online].

26 January 2017. Available from: <http://www.maritimejournal.com/news101/onboard-systems/safety,-survival-and-training/safety-solutions-for-norways-ferries> The busiest inland ferry route in the country between Moss and Horten is operated by Bastø Fosen who won the contract back in 2014.

## MARITIME SECURITY

### **Government to set up an academy to train police on combating sea crime.**

**By Brian Moseti.** *Daily Nation (Kenya)* [Online]. 3 January 2017. Available from:

<http://www.nation.co.ke/news/Plans-for-academy-to-train-police-on-combating-sea-crime/1056-3504764-k1tk9o/> Plans are under way to set up an academy in Mombasa to train security officers on how to combat crime on sea.

### **Stowaways: the hidden problem at sea. By Eva Grey.** *Ship-Technology.Com* [Online].

4 January 2017. Available from: <http://www.ship-technology.com/features/featurestowaways-the-hidden-problem-at-sea-5708512/> A rise in stowaway incidents at South African ports over the past two months proves that despite international efforts, the issue is as prominent as ever.

### **Boxship attacked off Mindanao. By Sam Chambers.** *Splash 24/7* [Online]. 4 January 2017.

Available from: <http://splash247.com/boxship-attacked-off-mindanao/> The 712 teu *Ocean Kingdom* feeder ship was attacked yesterday afternoon by armed men off the southern Philippines.

### **IMB report: Sea kidnappings rise in 2016 despite plummeting global piracy.**

*International Chamber of Commerce (ICC)* [Online]. 10 January 2017. Available from: <https://www.icc-ccs.org/index.php/news/1218-imb-report-sea-kidnappings-rise-in-2016-despite-plummeting-global-piracy> More crew were kidnapped at sea in 2016 than in any of the previous 10 years, despite global piracy reaching its lowest levels since 1998, the ICC International Maritime Bureau's (IMB) annual piracy report revealed today.

### **Key anti-piracy personnel in Asia and Africa attend inaugural meeting and workshop to foster closer ties and information sharing.** *Maritime and Port Authority of Singapore (MPA)*

[Online]. 11 January 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/a9744116-9d48-4f64-a807-b45db2df092b> The inaugural Meeting of Anti-Piracy Contact Points and Workshop on Piracy and Armed Robbery against Ships involving participants from Africa, Asia and Europe was held in Singapore today.

### **Saudi Arabia calls for tougher policies to prevent maritime crimes. By Muhammed Al-Sulami.** *Thomson Reuters Zawya* [Online]. 11 January 2017. Available from:

[https://www.zawya.com/mena/en/story/Saudi\\_Arabia\\_calls\\_for\\_tougher\\_policies\\_to\\_prevent\\_maritime\\_crimes-ZAWYA20170111032638/](https://www.zawya.com/mena/en/story/Saudi_Arabia_calls_for_tougher_policies_to_prevent_maritime_crimes-ZAWYA20170111032638/) Saudi Arabia's efforts to promote regional and international cooperation to achieve security and maritime safety are the focus of a conference taking place here.

### **Global Cybersecurity Threats to the Maritime Sector. By Norman M. Krayem.**

*Holland & Knight LLP* [Online]. 10 January 2017. Available from:

<https://www.hklaw.com/Publications/Global-Cybersecurity-Threats-to-the-Maritime-Sector-01-10-2017/> As cybersecurity risks to the nation's critical infrastructure – including those parts in the transportation and maritime sectors – continue to grow, the incoming Trump Administration has made it clear that cybersecurity is one of its top priorities.

### **Danish plane to monitor EU's external borders in the Mediterranean.**

*Government of Denmark* [Online]. 10 January 2017. Available from:

<http://um.dk/en/news/NewsDisplayPage/?newsID=6E6D0D57-F791-4A8D-980D-14AE09153AC4> Denmark is again sending a Challenger jet to help in the monitoring of maritime traffic in the Central Mediterranean and to support search and rescue operations at sea.

**Malta wants EU-Libyan patrols to stop boat migrants. By Matthew Vella.** *Malta Today* [Online]. 18 January 2017. Available from: [http://www.maltatoday.com.mt/news/europe/73547/malta\\_wants\\_eulibyan\\_patrols\\_to\\_stop\\_boat\\_migrants](http://www.maltatoday.com.mt/news/europe/73547/malta_wants_eulibyan_patrols_to_stop_boat_migrants) The Maltese government has presented home affairs ministers of the EU with a "non-paper" – diplomatic-speak for a political memo – calling for joint patrols with the Libyan navy in a bid to stop the influx of migrants through the Central Mediterranean route.

**Australia and Mauritius collaborate on Maritime Safety and Security.**

*Government of Mauritius* [Online]. 19 January 2017. Available from: <http://www.govmu.org/English/News/Pages/Australia-and-Mauritius-collaborate-on-Maritime-Safety-and-Security.aspx> The Australian Maritime Safety Authority (AMSA) collaborated with the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping and Outer Islands to organise a Search and Rescue Exercise (SAREX) from 16 to 19 January 2017.

**Cyber reporting included in updated Coast Guard policy on Reporting Suspicious Activity and Breaches of Security. By Katie Braynard.** *US Coast Guard Maritime Commons*

[Online]. 17 January 2017. Available from: <http://mariners.coastguard.dodlive.mil/2017/01/17/cyber-reporting-updated-coast-guard-policy-reporting-suspicious-activity-breaches-security/> The Coast Guard recently published CG-5P Policy Letter 08-16: Reporting Suspicious Activity and Breaches of Security, which outlines the criteria and process for suspicious activity (SA) and breach of security (BoS) reporting.

**Maritime Terrorism, Cyber Crime, Kidnappings and Ransoms are the "New Somalia" For Today's Shipping Industry. By Nikos Roussanoglou.** *Hellenic Shipping News* [Online].

23 January 2017. Available from: <http://www.hellenicshippingnews.com/maritime-terrorism-cyber-crime-kidnappings-and-ransoms-are-the-new-somalia-for-todays-shipping-industry/> Interview with Alexandros Theodosios Kontos, LSS-SAPU, a specialized maritime security company.

**Interview with Jordan Wylie, Be Cyber At Sea Campaign.** *Safety 4 Sea* [Online].

23 January 2017. Available from: <http://www.safety4sea.com/interview-with-jordan-wylie-be-cyber-at-sea-campaign/> Jordan Wylie, Communications Officer, Be Cyber Aware at Sea Campaign, argues that it is time for shipping companies to prioritise cyber security in their risk registers and assign accountability for managing this risk.

## MARITIME TRAINING

**Inspection of Certification for Seafarers under STCW after 1 January 2017.**

*Paris MoU on Port State Control* [Online]. 23 December 2016. Available from: <https://www.parismou.org/inspection-certification-seafarers-under-stcw-after-1-january-2017> Certification for seafarers is verified during each PSC inspection.

**US will follow IMO recommendation for enforcement of STCW 2010 amendments (transitional provisions).** *US Coast Guard Maritime Commons* [Online]. 5 January 2017.

Available from: <http://mariners.coastguard.dodlive.mil/2017/01/05/us-will-follow-imo-recommendation-for-enforcement-of-stcw-2010-amendments-transitional-provisions/> In November 2016, the International Maritime Organization's (IMO) Maritime Safety Committee (MSC) issued MSC circular (MSC.1/Circ.1560), which outlined the difficulties that have been encountered by Administrations and seafarers in meeting the 2010 amendments to the International Convention on Standards for Training, Certification and Watchkeeping for Seafarers, 1978, as amended (STCW).

**Meet to upgrade standards, certification.** *Fiji Times* [Online]. 11 January 2017. Available from: <http://www.fijitimes.com/story.aspx?id=385058> Fiji seafarers and other stakeholders need to understand new requirements they need to meet to revalidate their certification so Fiji adheres to international standards.

**U.S. Merchant Marine Academy Reinstates Sea Year... Sort Of.** By Mike Schuler. *gCaptain* [Online]. 11 January 2017. Available from: <http://gcaptain.com/u-s-merchant-marine-academy-reinstates-sea-year-sort/> The U.S. Department of Transportation has announced its plan to restore Sea Year training as part of the curriculum for Midshipmen at the United States Merchant Marine Academy (USMMA), but details of when and how it will be reinstated remain somewhat sketchy.

**Debate on Bill to Give CMI University Status Gets Under Way.** By Latonya Linton. *Jamaica Information Service* [Online]. 11 January 2017. Available from: <http://jis.gov.jm/debate-bill-give-cmi-university-status-gets-way/> The House of Representatives, on Tuesday (January 10), started debate on legislation to give the Caribbean Maritime Institute (CMI) university status.

**Navy Alerts Nigerians Of Illegal Training Schools.** By Tunde Oguntola. *Leadership (Nigeria)* [Online]. 13 January 2017. Available from: <http://leadership.ng/news/566982/navy-alerts-nigerians-of-illegal-training-schools#respond> The Nigeria Navy has cautioned members of the public and Nigerian parents not to enrol their children and wards at any illegal Merchant Navy training schools, not gazetted by the federal government.

**"Lifeboat management, more training needed".** By Alberto Ghiara. *MediTelegraph (Italy)* [Online]. 13 January 2017. Available from: <http://www.themeditelegraph.com/en/shipping/2017/01/13/lifeboat-management-more-training-needed-TDKi7NvLI0b2xJt0yLLx3M/index.html> The management of lifeboats is one of the most delicate tasks in the management of safety on board a ship.

**Gulf Aviation Academy introduces Maritime Training in the GCC.** *Thomson Reuters Zawya* [Online]. 17 January 2017. Available from: [http://www.zawya.com/en/story/Gulf\\_Aviation\\_Academy\\_introduces\\_Maritime\\_Training\\_in\\_the\\_GCC-ZAWYA20170116142001/](http://www.zawya.com/en/story/Gulf_Aviation_Academy_introduces_Maritime_Training_in_the_GCC-ZAWYA20170116142001/) Muharraq, Kingdom of Bahrain, Gulf Aviation Academy: Gulf Aviation Academy is proud to announce its recent addition to its training capacity through Maritime Training.

**Gulf Aviation Academy adds maritime programme.** *Bahrain News Agency* [Online]. 17 January 2017. Available from: <http://www.bna.bh/portal/en/news/766097> The Maritime programme was established in response to the need in the industry for certificated training through the Ports and Maritime Affairs (PMA), the first of its kind in the Kingdom.

**MCA approved training providers (ATP).** *UK Government* [Online]. 24 January 2017. Available from: <https://www.gov.uk/guidance/mca-approved-training-providers-atp> How to find MCA approved training providers for STCW short course and ancillary training.

**Human Rights at Sea launches new Legal Research Programme.** *Human Rights at Sea (HRAS)* [Online]. 19 January 2017. Available from: <https://www.humanrightsatsea.org/charity-launches-new-legal-research-programme-focused-on-maritime-human-rights-issues/> Human Rights at Sea today launches its innovative Legal Research Programme as part of its expanding charitable work published through its online maritime human rights platform.



**An Urgent Call To Let 'Sea Year' Help Maritime Security And American Labor.  
By Captain R J Klein, Immediate Past President, Council of American Master Mariners.**

*Forbes* [Online]. 19 January 2017. Available from:

<http://www.forbes.com/sites/realspin/2017/01/19/an-urgent-call-to-help-maritime-security-and-american-labor-via-the-merchant-marine-academy/#1b6954f866fe>

With the nomination of Elaine Chao to be secretary of transportation, policymakers have an opportunity to resolve a little-known controversy that has major implications for the U.S.-flagged commercial fleet and our national security.

**Danish shipping firm to boost Kenya's marine cadets' capacity. By Cynthia Ilako.**

*The Star (Kenya)* [Online]. 23 January 2017. Available from: <http://www.goo.gl/TI7ZOd>

The state department for Maritime and Shipping Affairs is counting on a training partnership with Danish shipping company-Det Forenede Dampskibs-Selskab to boost local marine cadets' capacity.

**Technology transforming seafarer training demands, Nautilus warns. Nautilus International**

[Online]. 24 January 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/technology-transforming-seafarer-training-demands-nautilus-warns/>

Radical change is required in the way that seafarers are trained if the shipping industry is to avoid the risk of crew competencies falling way behind, Nautilus has warned.

## MIGRANTS

**Some 900 refugees rescued in Mediterranean: Italy. Press TV (Iran)** [Online].

29 December 2016. Available from: <http://www.presstv.ir/Detail/2016/12/29/503939/Italian-coastguard-refugees-Mediterranean-Sea-Libyan-coast/>

The Italian coastguard says it has rescued some 900 refugees from stranded boats in naval operations in the Mediterranean Sea.

**Latest Mediterranean tragedy pushes number of people perishing in 2016 beyond 5,000 – UN. UN News Centre** [Online]. 23 December 2016. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=55868> Highlighting that the number of casualties in the Mediterranean Sea this year has crossed 5,000 with the latest reports of about 100 people feared to have drowned, the United Nations refugee agency has called on countries to increase pathways for admission of refugees.

**261 people pulled into safety after dramatic rescue. SOS Mediterranee - European Association for Rescue of Life in the Mediterranean Sea** [Online]. 3 January 2017.

Available from: <http://sosmediterranee.org/350-people-pulled-into-safety-after-dramtic-rescue/?lang=en> After having pulled 114 people into safety yesterday, the Aquarius crew has rescued another 261 lives under extremely challenging conditions.

**World Fatalities of Migrants, Refugees Approach 7,500 in 2016 as Three-year Total Tops 18,501. International Organization for Migration (IOM)** [Online]. 6 January 2017. Available from:

<http://www.iom.int/news/world-fatalities-migrants-refugees-approach-7500-2016-three-year-total-tops-18501> IOM released preliminary figures on Friday, 6 January for all migrant or refugee deaths worldwide in 2016 – reporting an estimate of 7,495 men, women and children dead or missing across five continents.

**Mediterranean Migrant Arrivals Top 363,348 in 2016; Deaths at Sea: 5,079.**

*International Organization for Migration (IOM)* [Online]. 6 January 2017. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-top-363348-2016-deaths-sea-5079>

IOM on Friday (06/01) reported preliminary totals for all 2016 migrant and refugee arrivals to Europe via the Mediterranean Sea, as well as estimated fatalities.



**Migrant crisis: About 100 feared drowned after boat sinks off Libya.** *BBC News* [Online]. 15 January 2017. Available from: <http://www.bbc.co.uk/news/world-europe-38623678>   
About 100 migrant passengers are feared drowned in the Mediterranean Sea after their boat sank off the coast of Libya.

**Mediterranean Migrant Arrivals Reach 2,876; Deaths at Sea: 219.**

*International Organization for Migration (IOM)* [Online]. 17 January 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-2876-deaths-sea-219>  
IOM reports that 2,876 migrants and refugees entered Europe by sea in 2017, through 15 January, arriving mostly in Greece and Italy, compared with 23,664 through the first 14 days of January, 2016.

**Mediterranean Migrant Arrivals Reach 3,335; Deaths at Sea: 230.**

*International Organization for Migration (IOM)* [Online]. 24 January 2017. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-3335-deaths-sea-230>  
IOM reports that 3,335 migrants and refugees entered Europe by sea in 2017, through 22 January.

**Managing migration along the Central Mediterranean Route – Commission contributes to Malta discussion.** *European Commission* [Online]. 25 January 2017. Available from: [http://europa.eu/rapid/press-release\\_IP-17-134\\_en.htm](http://europa.eu/rapid/press-release_IP-17-134_en.htm) Ahead of the meeting of Heads of State or Government in Malta on 3 February 2017, the Commission and the High Representative/Vice-President have today set out their contribution to the discussion on how to better manage migration and save lives along the Central Mediterranean route.  
[Questions & Answers: Migration on the Central Mediterranean route](#)

## NAVIGATION AND COMMUNICATIONS

**First Open Hatch Traverse of Northern Sea Route.** *Maritime Executive* [Online]. 4 January 2017. Available from: <http://www.maritime-executive.com/article/first-open-hatch-traverse-of-northern-sea-route> *HHL Valparaíso* was the first vessel to sail open hatch through the Northern Sea Route when it delivered two giant ship-to-shore cranes from the European to the Far East region of Russia late last year.

**New Sensors Broadcast Pierside Currents Over AIS.** *Maritime Executive* [Online]. 6 January 2017. Available from: <http://www.maritime-executive.com/article/new-sensors-broadcast-pierside-currents-over-ais> The cruise terminal at the port of Cozumel, Mexico has installed a novel combination of technologies to assist mariners in docking maneuvers: fixed underwater current sensors linked up with AIS transmitters, which broadcast accurate data on pierside conditions directly to the bridge.

**Inmarsat builds polar performance on experience.** *Safety 4 Sea* [Online]. 10 January 2017. Available from: <http://www.safety4sea.com/inmarsat-builds-polar-performance-experience/>  
The entry into force of the IMO's Polar Code from January 2017 and high profile orders for 'expedition' cruise ships ensure polar shipping remains a 'hot topic' at Inmarsat, despite the sluggish offshore exploration market.

**Connectivity reaches a tipping point for maritime communications.**

*Marine Electronics and Communications* [Online]. 13 January 2017. Available from: [http://www.marinemec.com/news/view.connectivity-reaches-a-tipping-point-for-maritime-communications\\_46078.htm](http://www.marinemec.com/news/view.connectivity-reaches-a-tipping-point-for-maritime-communications_46078.htm) The digital revolution that seems certain to transform shipping is, above all, reliant on the ability to communicate effectively between ship and shore.

### **Northern Norway and South Korea join efforts about the Northern Sea Route.**

**By Linda Storholm.** *High North News (Norway)* [Online]. 23 January 2017. Available from: <http://www.highnorthnews.com/northern-norway-and-south-korea-join-efforts-about-the-northern-sea-route/> A recently completed project is soon to be presented in the form of a book, however, some of the results will also be presented during this week's Arctic Frontiers in Tromsø, Norway.

**Why Offer ECDIS for Free?** *Maritime Executive* [Online]. 22 January 2017. Available from: <http://www.maritime-executive.com/editorials/why-offer-ecdis-for-free> Steven Schootbrugge, CEO at ChartWorld International, discusses trends surrounding the development of ECDIS offering and the company's ECDIS for Free solution.

**A leading role for the Philippines. By Jaime J Yambo, Secretary-General, Philippine Ambassadors Foundation, Inc.** *Manila Times* [Online]. 21 January 2017. Available from: <http://www.manilatimes.net/leading-role-philippines/308025/> Since the beginning of SCS conflict situation there has been no disruption in the regional seaborne traffic in the South China Sea which is among the busiest in the world.

### **NOAA satellites helped save 307 lives in 2016.**

*US National Oceanic and Atmospheric Administration (NOAA)* [Online]. 19 January 2017. Available from: <http://www.noaa.gov/stories/noaa-satellites-helped-save-307-lives-in-2016> Forty-six crew members, with their lives hanging in the balance, were safely pulled from a sinking fishing vessel in the Bering Sea near Alaska last July.

## **PIRACY**

**Chinese Navy Thwarts Pirate Attack.** *Maritime Executive* [Online]. 3 January 2017. Available from: <http://www.maritime-executive.com/article/chinese-navy-thwarts-pirate-attack> The 24th and 25th Chinese naval escort flotillas fired warning shots at four suspected pirate boats attempting to approach a commercial vessel at high speed in the Gulf of Aden on January 1.

**Pirates attacking bigger ships off Philippines for ransom money.** *Straits Times* [Online]. 13 January 2017. Available from: <http://www.straitstimes.com/asia/se-asia/pirates-attacking-bigger-ships-off-philippines-for-ransom-money> Asian pirates are focusing more of their attacks on larger merchant ships near the Philippines, hoping for bigger ransom payments from kidnapping their crew, the head of a regional anti-piracy body said on Friday (Jan 13).

### **Oceans Beyond Piracy: freeing the hostages and intensifying the dialog.**

**By Caroline Britz.** *Mar Et Marine* [Online]. 23 January 2017. Available from: <http://www.meretmarine.com/fr/content/oceans-beyond-piracy-freeing-hostages-and-intensifying-dialog> At the end of October 2016, the 26 sailors of *Naham 3*, held hostage in Somalia for more than four years were released.

## PORT STATE CONTROL

**Reducing Vessel Detentions.** By Brian Poskaitis, Senior Vice President, Fleet Operations, International Registries, Inc. (IRI). *Hellenic Shipping News* [Online]. 13 January 2017.

Available from: <https://www.hellenicshippingnews.com/reducing-vessel-detentions/> "The key to overseeing safety, security, and environmental compliance on ships is ensuring that the crew on board understands that looking after those safety aspects of a ship is just as important as moving cargo from port to port," Brian Poskaitis, Senior Vice President, Fleet Operations, International Registries, Inc. (IRI) explains.

**Foreign flagged ships under detention in the UK during December 2016.**

*UK Maritime & Coastguard Agency* [Online]. 18 January 2017. Available from:

<https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-december-2016> During December, there was one new detention of foreign flagged vessels in a UK port.

## PORTS AND HARBOURS

**Busan port acts on prevention of marine pollution.** By Lee Hong Liang.

*Seatrade Maritime News* [Online]. 3 January 2017. Available from: <http://www.seatrade-maritime.com/news/asia/busan-port-acts-on-prevention-of-marine-pollution.html>

South Korea's Busan Port Authority (BPA) has signed a memorandum of understanding with Korea Oil Supply Shipowner's Association (KOSSA) on the prevention of marine pollution.

**ISPS: NIMASA Reopens 3 Facilities.** *Leadership (Nigeria)* [Online]. 4 January 2017.

Available from: <https://leadership.ng/news/566031/isps-nimasa-reopens-3-facilities> Following partial compliance and written commitments to remedy all identified deficiencies of the International Ship and Port Facility Security (ISPS) Code, the Nigerian Maritime Administration and Safety Agency (NIMASA) said it has reopened three jetties and port facilities recently closed.

**Port of Oakland set all-time record for loaded containers in '16.** *Port of Oakland* [Online].

9 January 2017. Available from: <http://www.portofoakland.com/press-releases/port-oakland-set-time-record-loaded-containers-16/> The Port reported today that it handled the equivalent of 1.83 million loaded 20-foot containers last year.

**Giant Carey Island port in the works.** By Ho Wah Foon. *The Star (Malaysia)* [Online].

9 January 2017. Available from: <http://www.thestar.com.my/news/nation/2017/01/09/giant-carey-island-port-in-the-works-massive-project-with-rm200bil-in-investments-will-cover-100-sq/> Northport. Westport. And next up is Carey Island, a massive port-industrial city project, with infrastructure investments of more than RM200bil covering an area of over 100sq km - more than twice the size of Putrajaya.

**Drewry: New Alliances to Have Limited Effect on Ports.** *World Maritime News* [Online].

9 January 2017. Available from: <http://worldmaritimeneews.com/archives/210032/drewry-new-alliances-to-have-limited-effect-on-ports/> The seemingly never ending move towards reduced service frequency may be coming to an end for North European ports, even with the formation of the bigger alliances in April, according to shipping consultancy Drewry.

**OECD: Port of Gothenburg in need of investments. By Tomas Kristiansen.**

*ShippingWatch* [Online]. 11 January 2017. Available from:

<http://shippingwatch.com/secure/Ports/article9283581.ece> Scandinavia's by-far most important container port, the Port of Gothenburg, will soon have to decide on massive investments totalling hundreds of millions of dollars if the port wants to maintain its leading position going forward.

**Ports Turn to Natural Gas in Quest for Cleaner Marine Fuel. By Natalie Obiko Pearson and Naureen Malik.**

*Bloomberg* [Online]. 12 January 2017. Available from:

<https://www.bloomberg.com/news/articles/2017-01-12/ports-chase-natural-gas-boost-as-marine-emissions-rules-tighten> The UN's International Maritime Organization last year cut limits on sulfur in marine fuels to 0.5 percent from 3.5 percent, starting in 2020.

**U.S. Ports Report Varying Successes. *Port Technology International* [Online].**

12 January 2017. Available from:

[https://www.porttechnology.org/news/U.S.\\_Ports\\_Report\\_Varying\\_Successes](https://www.porttechnology.org/news/U.S._Ports_Report_Varying_Successes) Port of Oakland, Port of Virginia and Port of Los Angeles have all reported a successful 2016 with new records set.

**Russian Arctic ports have best year ever. By Atle Staalesen.**

*Independent Barents Observer (Norway)* [Online]. 16 January 2017. Available from:

<https://thebarentsobserver.com/en/industry-and-energy/2017/01/russian-arctic-ports-have-best-year-ever> Figures from the Russian Association of Sea Ports show that the main ports in the Russian north in 2016 had a more than 40 percent year-on-year increase from 2015.

**Boskalis receives LOI for EUR 480 million port development project in Oman.**

*Royal Boskalis Westminster N.V.* [Online]. 15 January 2017. Available from:

<https://boskalis.com/press/press-releases-and-company-news/detail/boskalis-receives-loi-for-eur-480-million-port-development-project-in-oman-1.html> Royal Boskalis Westminster N.V. (Boskalis) has received a Letter of Intent to Award a contract for the development of the port of Duqm in Oman.

**ESPO: Ports will fight for funding this year. By Mette Mandrup. *ShippingWatch* [Online].**

18 January 2017. Available from: <http://shippingwatch.com/secure/Ports/article9300413.ece> Common European legislation was in the works for 15 years and was settled last month.

**Malaysia's Carey Island a wild card in Southeast Asian port scene. By Vincent Wee.**

*Seatrade Maritime News* [Online]. 18 January 2017. Available from: <http://www.seatrade-maritime.com/news/asia/malaysia-s-carey-island-wild-card-in-southeast-asian-port-scene.html>

Malaysia's latest Carey Island project is something of a wild card but is not expected to change the port scene in Southeast Asia too much.

**Port of Gothenburg Calls Growing Number of Green Vessels "Highly Encouraging".**

*Ship & Bunker* [Online]. 18 January 2017. Available from:

<http://shipandbunker.com/news/emea/196232-port-of-gothenburg-calls-growing-number-of-green-vessels-highly-encouraging> The Port of Gothenburg today called a growing number of vessels classified as "green" visiting the port, including those powered by liquefied natural gas (LNG), "highly encouraging."

**Factors Hindering Exports. By Eromosele Abiodun. *This Day (Nigeria)* [Online].**

20 January 2017. Available from: <http://www.thisdaylive.com/index.php/2017/01/20/factors-hindering-exports/> Eromosele Abiodun highlights the factors hampering exports from Nigerian ports and some of the remedies provided by industry stakeholders.

**Ecoports: The EU port's environmental initiative turns 20.** By Isabelle Ryckbost, Secretary-General, European Sea Ports Organisation (ESPO). *Green Port* [Online]. 25 January 2017. Available from: <http://www.greenport.com/news101/opinion/happy-20th-birthday-to-the-ecoports-network> What started in 1997 as a separate initiative of a number of ports proactive in the field of environment evolved over the years towards a solid network of around 100 European ports within ESPO, writes Isabelle Ryckbost, Secretary General of the European Sea Ports Organisation (ESPO).

**The first legislative Act of the "EU Maritime year" creates more expectations for an enabling framework for private investments in ports.** *FEPORT (Federation of European Private Port Operators and Terminals)* [Online]. 24 January 2017. Available from: <http://www.goo.gl/a9DJg6> Yesterday, the European Agriculture Council has concluded the procedure, at first reading concerning the Ports Regulation, by formally adopting the text.

**Calculating the carbon footprint of the whole supply chain.** *Green Port* [Online]. 26 January 2017. Available from: <http://www.greenport.com/news101/Projects-and-Initiatives/calculating-the-carbon-footprint-of-the-whole-supply-chain> By its very nature logistics has always been 'bitty' because there are a million and one parties to the transport of goods.

**Connecting ships, ports and people: K-12 Student Art Contest.** *North American Marine Environment Protection Association (NAMEPA)* [Online]. January 2017. Available from: <http://www.namepa.net/art-contest> We welcome submissions from students enrolled in grades K-12 living in the Americas (North America, Central America, South America, and the Caribbean).

**Futureproofing ports with corrosion control.** By David Edelman. *World Maritime News* [Online]. 30 January 2017. Available from: <http://worldmaritimeneews.com/archives/211050/> While Lucinda Wharf isn't QSL's busiest, it is definitely the largest, notes David Edelman, Project Engineer at Queensland Sugar.

**Two Florida Ports Cancel Plans to Ink Pacts with Cuba.** *Voice of America* [Online]. 27 January 2017. Available from: <http://www.voanews.com/a/two-florida-ports-cancel-plans-to-ink-pacts-with-cuba/3696058.html> Two Florida ports have cancelled plans to sign cooperation pacts with Communist-ruled Cuba after state Governor Rick Scott threatened to cancel their funding if they did business with the "Cuban dictatorship."

## RECYCLING OF SHIPS

**Scrapping in 2016: Record year for containerships.** By Max Tingyao Lin. *Lloyd's List* [Online]. 29 December 2016. Available from: <https://www.lloydslist.com/ll/sector/ship-operations/article546263.ece> The shipbreaking industry is set to end 2016 on a positive note, having experienced a record high volume of boxship scrapping.

**Indian breakers' yards able to adopt responsible recycling methods, says GMS chief.** By Inderpreet Walia. *Lloyd's List* [Online]. 6 January 2017. Available from: <https://www.lloydslist.com/ll/sector/regulation/article546674.ece> Amid ongoing safety and environmental concerns linked to the ship recycling industry, some breaking yards in India as well as Bangladesh have made laudable efforts to adopt green practices and standards, said GMS founder, president and chief executive Anil Sharma.



**At least five killed in fire at Gadani ship-breaking yard; ship owner arrested.** *GEO TV (Pakistan)* [Online]. 9 January 2017. Available from: <https://www.geo.tv/latest/126630-Fire-erupts-again-in-ship-at-Gadani-ship-breaking-yard> 📺 At least five workers were killed and several were reported to be missing after a ship caught fire at Gadani ship-breaking yard on Monday for the second time in less than a month, rescue sources said.

**Initial EU ship recycling list shows clear need for global mind-set.**

*European Community Shipowners' Associations (ECSA)* [Online]. 13 January 2017. Available from: <http://www.ecsa.eu/9-latest-news/294-initial-eu-ship-recycling-list-shows-clear-need-for-global-mind-set> The European Commission recently published its first edition of the EU list of approved ship recycling facilities.

**Commission adopts first European List of ship recycling facilities safe for workers and environmentally sound.** *European Commission* [Online]. 20 December 2016. Available from: [http://ec.europa.eu/environment/pdf/20\\_12\\_2016\\_news\\_en.pdf](http://ec.europa.eu/environment/pdf/20_12_2016_news_en.pdf) 📄 With the adoption of the first version of the 'European List of ship recycling facilities' the European Commission has taken an important step to help ensure that ships are recycled in facilities that are safe for workers and environmentally sound. [European List of ship recycling facilities](#)

**ECSA sees one upside to the EU's scrapping regulations.** By Louise Vogdrup-Schmidt.

*ShippingWatch* [Online]. 23 January 2017. Available from: <http://shippingwatch.com/carriers/article9311307.ece> The European Community Shipowners' Associations, ECSA, has voiced fierce criticism toward the EU's list of approved ship recycling facilities.

**'With bare hands': An immerse journey into the problems of shipbreaking.**

*NGO Shipbreaking Platform* [Online]. 25 January 2017. Available from: <http://www.shipbreakingplatform.org/platform-news-with-bare-hands-an-immersive-journey-into-the-problems-of-shipbreaking/> International media outlets publish 'With bare hands', the first multimedia and data-driven reporting project that documents the negative impacts on the environment and the human costs of shipbreaking in South Asia.

**With bare hands: The human and environmental cost of shipbreaking.** *Aljazeera* [Online]. January 2017. Available from: <http://interactive.aljazeera.com/aje/2016/with-bare-hands/index.html> 📺

**Class NK has approved more Alang shipbreakers.** By Niklas Krigslund. *ShippingWatch* [Online]. 30 January 2017. Available from:

<http://shippingwatch.com/secure/suppliers/article9327224.ece> Three new scrapyards in Alang have now been certified as being in compliance with the Hong Kong convention.



## REGULATIONS

### **In Depth: New Rules on the Horizon – A Round Up of Upcoming Emissions Regulations.**

**By Tom Scott.** *World Maritime News* [Online]. 2 January 2017. Available from:

<http://worldmaritimeneeds.com/archives/209562/new-rules-on-the-horizon-a-round-up-of-upcoming-emissions-regulations/>

Looking back at the last couple of years, the maritime sector has witnessed some definite changes concerning certain types of ship emissions.

### **As Polar Code takes effect, a mixture of confidence and concern.** **By Kevin McGwin.**

*Arctic Journal* [Online]. 29 December 2016. Available from:

<http://arcticjournal.com/business/2798/polar-code-takes-effect-mixture-confidence-and-concern>

The first thing that almost anyone familiar with the Polar Code, a set of shipping regulations due to come into force on January 1, will tell you is that it is flawed.

### **Sulphur oil and ballast water treatment will dominate shipping's rules' compliance moving forward.** *Hellenic Shipping News* [Online]. 5 January 2017. Available from:

<http://www.hellenicshippingnews.com/sulphur-oil-and-ballast-water-treatment-will-dominate-shippings-rules-compliance-moving-forward/>

Shipowners around the world are faced with increasing costs, which could offset any potential rebound of freight rates over the course of the next year or so, as a series of new regulations are bound to necessitate new investments in the existing fleet.

### **Polar Code – MARPOL Applicability.** **By Lt.Chris Rabalai.** *US Coast Guard Maritime Commons* [Online]. 9 January 2017. Available from:

<http://mariners.coastguard.dodlive.mil/2017/01/09/polar-code-marpol-applicability/>

The Code applies to vessels which operate in polar waters, as defined in the applicable sections of MARPOL.

### **Polar Code heralds a new era of safer navigation in Arctic waters.** **By Lawson Brigham.**

*Alaska Dispatch News* [Online]. 10 January 2017. Available from:

<https://www.adn.com/opinions/2017/01/10/polar-code-heralds-a-new-era-of-safer-navigation-in-arctic-waters/>

A historic milestone was reached on New Year's Day 2017 when the International Maritime Organization's Polar Code for Ships Operating in Polar Waters came into force.

### **Seeking member views: Draft UK Regulation implementing EU Regulation on the monitoring, reporting and verification of CO2 emissions from maritime transport.**

*Institute of Marine Engineering, Science and Technology (IMarEST)* [Online]. 11 January 2017.

Available from: <https://www.imarest.org/policy-news/technical-leadership/item/3047-seeking-member-views-draft-uk-regulation-implementing-eu-regulation-on-the-monitoring-reporting-and-verification-of-co2-emissions-from-maritime-transport>

The EU Regulation No 2015/757 establishes rules for monitoring, reporting and verifying CO2 emissions from ships above 5,000 gross tonnage which make voyages that start or finish in a port in an EU Member State.

### **Subsea Industries Pushes for Regs to Prevent Biofouling on Ship Hulls.** *Ship & Bunker*

[Online]. 17 January 2017. Available from: <http://shipandbunker.com/news/world/546329-subsea-industries-pushes-for-regs-to-prevent-biofouling-on-ship-hulls>

The International Maritime Organization's (IMO's) Ballast Water Management (BWM) Convention, which is set to enter into force in September 2017, will not prevent the transfer of invasive aquatic species (IAS) unless there is mandatory legislation in place to prevent biofouling on ships' hulls, says coating and cleaning systems producer Subsea Industries (Subsea).

## SAFETY

**Pilot transfers – still a risky business.** *Gard* [Online]. 3 January 2017. Available from: <http://www.gard.no/web/updates/content/22526982/gard-alert-pilot-transfers-still-a-risky-business> IMPA's safety campaign draws attention to shipowners' responsibility to provide compliant pilot ladder arrangements and to ensure that the transfer process is undertaken in line with SOLAS.

## SALVAGE

**Lengthy salvage operation for Five Oceans Salvage.** By Peter Barker. *Maritime Journal* [Online]. 3 January 2017. Available from: <http://www.maritimejournal.com/news101/tugs,-towing-and-salvage/lengthy-salvage-operation-for-five-oceans-salvage> The bulk carrier *Benita* (44,100dwt) was on passage from India to Durban, South Africa when it ran hard aground on the coast at Le Bouchon, Mauritius.

**The importance of a well-funded salvage industry.** By Peter Barker. *Maritime Journal* [Online]. 3 January 2017. Available from: <http://www.maritimejournal.com/news101/tugs,-towing-and-salvage/the-importance-of-a-well-funded-salvage-industry2> The International Salvage Union (ISU) has presented data illustrating the importance to both the shipping industry and the environment of a strong marine salvage industry.

**New rules underway for shipwreck removal from Nigerian waters.** By Sulaimon Salau. *Guardian (Nigeria)* [Online]. 25 January 2017. Available from: <http://guardian.ng/business-services/maritime/new-rules-underway-for-shipwreck-removal-from-nigerian-waters/> Plans are at advanced stage by the Federal Government to review the rules guiding the removal of shipwrecks from Nigerian waterways.

## SEAFARERS

**Piracy survivors in Sri Lanka.** *International Seafarers' Welfare and Assistance Network (ISWAN)* [Online]. 3 January 2017. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/piracy-survivors-in-sri-lanka> Sri Lanka has about 70 seafarers who have been held hostage by Somali pirates since 2009, and some of these have been supported by Chirag Bahri.

**Over 40 Indian sailors stranded in UAE in 'leaking ships', send SOS: Reports.** *Indian Express* [Online]. 6 January 2017. Available from: <http://indianexpress.com/article/india/over-40-indian-sailors-stranded-in-uae-in-leaking-ships-reports-4461350/> As many as 41 Indian sailors in four merchant ships are stranded in UAE's Ajman anchorage after their owner seized their passports and was untraceable, reports Times of India.

**Hope shines for Andhra Pradesh sailors stranded in Persian Gulf.** By Ch Sushil Rao. *Times of India* [Online]. 9 January 2017. Available from: <http://timesofindia.indiatimes.com/city/hyderabad/hope-shines-for-andhra-pradesh-sailors-stranded-in-persian-gulf/articleshow/56415054.cms> In a great relief for 41 Indian sailors stranded in the Persian Gulf Sea, a group of divers came and inspected the holes in the ships at Ajman Port, UAE.

**Crew stranded on Vera Shipping bulkers. By Nick Roumpis.** *TradeWinds* [Online]. 16 January 2017. Available from: <http://www.tradewindsnews.com/casualties/1207094/crew-stranded-on-vera-shipping-bulkers> Seventeen seafarers have been left stranded on a Turkish-owned vessel off Algeria for the past seven months.

**Philippine Islamist militants free Korean and Filipino from cargo ship.** *Reuters* [Online]. 14 January 2017. Available from: <http://www.reuters.com/article/us-philippines-militants-kidnapping-idUSKBN14Y07K> Islamist militants in the Philippines allied with Islamic State freed on Saturday a South Korean cargo ship captain and a Filipino member of his crew held captive for more than three months on a southern island, an army spokesman said.

**Dramatic rescue at sea.** *Apostleship of the Sea (AoS)* [Online]. 16 January 2017. Available from: <http://www.apostleshipofthesea.org.uk/dramatic-rescue-sea> Apostleship of the Sea (AoS) provided support to a group of seafarers after their colleague fell ill on board and had to be airlifted to hospital last Friday.

**ITF Calls for Action on Abandoned Crew.** *Maritime Executive* [Online]. 16 January 2017. Available from: <http://maritime-executive.com/editorials/itf-calls-for-action-on-abandoned-crew> An International Transport Workers' Federation (ITF) inspector has issued a last ditch call to a shipowner and its flag state to act to stop the suffering of a 17 seafarers abandoned in Algeria.

**New insurance rules in place designed to ease crew abandonment cases.**  
**By Sam Chambers.** *Splash 24/7* [Online]. 18 January 2017. Available from: <http://splash247.com/new-insurance-rules-place-designed-ease-crew-abandonment-cases/> Under the Marine Labour Convention 2006 (MLC) shipowners must have insurance to assist the seafarers on board vessels if they are abandoned.

**Free Neptune crew remains stranded. By Nick Roumpis.** *TradeWinds* [Online]. 20 January 2017. Available from: <http://www.tradewindsnews.com/casualties/1208583/free-neptune-crew-remains-stranded> Living conditions on a Greek bulkers with a stranded crew aboard are getting worse while the owner says the situation will be resolved within a month.

**Maritime growth: UK seafarer projections.** *UK Government* [Online]. 19 January 2017. Available from: <https://www.gov.uk/government/publications/maritime-growth-uk-seafarer-projections> Assessment of the UK supply and demand for trained seafarers to fulfil roles at sea and onshore over the next 10 years. [UK seafarer projections](#) 

**Nautilus calls for action on UK seafarer numbers study.** *Nautilus International* [Online]. 19 January 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/nautilus-calls-for-action-on-uk-seafarer-numbers-study/> Nautilus International has welcomed the findings of a major new research project investigating the supply and demand for British seafarers.

**Abandoned Ships: As global shipping industry struggles, crews can pay the price.**  
**By Ezra Fieser.** *Angelus News (US)* [Online]. 19 January 2017. Available from: <http://www.angelusnews.com/articles/abandoned-ships-as-global-shipping-industry-struggles-crews-can-pay-the-price> The *Newlead Castellano*, one of 50,000 cargo ships that crisscrosses oceans delivering the world's goods, had stopped in ports in Singapore and New Zealand, sailed the Panama Canal and picked up a shipment of sugar before heading to the U.S. East Coast.

**Indian sailors stranded in Norfolk port by 'modern-day slavery'. By Mark Townsend.**

*The Guardian* [Online]. 22 January 2017. Available from:

[https://www.theguardian.com/world/2017/jan/22/indian-sailors-stranded-norfolk-seven-months?CMP=share\\_btn\\_tw](https://www.theguardian.com/world/2017/jan/22/indian-sailors-stranded-norfolk-seven-months?CMP=share_btn_tw)

A routine inspection of the offshore supply vessel *Malaviya Twenty* at Great Yarmouth last June found what unions describe as "modern-day slavery" – 15 Indian crew had not been paid for months while working in the oilfields of the North Sea.

**Sailors' Society launches Crisis Response Network Asia as kidnappings treble.**

*Sailors' Society* [Online]. 27 January 2017. Available from: <https://www.sailors-society.org/about-us/press-room/crisis-response-network/>

Southampton charity Sailors' Society is launching a crisis response network to help victims of trauma at sea in Asia, as kidnappings at sea reach their highest levels in 10 years.

**Crisis response chaplains help kidnapped seafarers. BBC Radio 4 [Online].**

29 January 2017. Available from: <http://www.bbc.co.uk/programmes/b08bynr9> 

More seafarers were kidnapped at sea last year than over the past decade.

## SEARCH AND RESCUE

**Maritime rescue respond to 289 missions and 73 accidents in 2016. Gulf News [Online].**

2 January 2017. Available from: <http://gulfnews.com/news/uae/society/maritime-rescue-respond-to-289-missions-and-73-accidents-in-2016-1.1955226>

Dubai Police's Maritime Rescue Department handled 289 sea missions and responded to 73 accidents in 2016, some of which were drowning cases, an official has said.

**Danish merchant ships rescuing fewer refugees in the Mediterranean.**

*Hellenic Shipping News* [Online]. 29 December 2016. Available from:

<http://www.hellenicshippingnews.com/danish-merchant-ships-rescuing-fewer-refugees-in-the-mediterranean/>

Danish commercial vessels, such as Maersk Line containerships, have played an important role in rescue operations in the Mediterranean in recent years, but their assistance has become less needed this year.

**IOM, EU Train Libyan Mediterranean Migrant Rescuers. International Organization for Migration (IOM) [Online].**

6 January 2017. Available from: <https://www.iom.int/news/iom-eu-train-libyan-mediterranean-migrant-rescuers>

IOM has carried out first aid training courses in Libya with rescuers involved in migrant lifesaving operations in the Mediterranean Sea.

**Japanese coast guard rescues 26 North Koreans from sinking ship.**

*South China Morning Post* [Online]. 12 January 2017. Available from:

<http://www.scmp.com/news/asia/east-asia/article/2061536/japanese-coast-guard-rescues-26-north-koreans-sinking-ship>

Japan rescued 26 North Koreans after they abandoned their sinking cargo vessel in the East China Sea, the coast guard said on Thursday.

**Tourist rescued by ship after being washed six kilometres out to sea on surfboard.**

**By Angela Thompson.** *Sydney Morning Herald (Australia)* [Online]. 13 January 2017.

Available from: <http://www.smh.com.au/nsw/tourist-rescued-by-ship-after-being-washed-six-kilometres-out-to-sea-on-surfboard-20170113-gtr7d7.html>

A surfer has survived a night at sea after he was swept six kilometres off the coast from a beach near Wollongong, with only his board to keep him afloat.

**Seven crew rescued from sinking vessel.** *UK Maritime & Coastguard Agency* [Online]. 14 January 2017. Available from: <http://hmcoastguard.blogspot.co.uk/2017/01/seven-crew-rescued-from-sinking-vessel.html> The UK Coastguard has coordinated an extensive search and rescue effort tonight after a 90m cargo vessel sunk approximately 35 nautical miles north east of Ramsgate.

**Poignant meeting with migrant ship captain.** *Apostleship of the Sea (AoS)* [Online]. 11 January 2017. Available from: <http://www.apostleshipofthesea.org.uk/poignant-meeting-migrant-ship-captain> Steve Willows, Apostleship of the Sea (AoS) Immingham port chaplain has described a poignant meeting with the captain of a ship that rescued hundreds of migrants in the Mediterranean Sea.

## SHIPBUILDING AND SHIPREPAIR

**Russian Shuttle Tanker Becomes First Ship Certified to IMO's Polar Code.**

*Turkish Maritime* [Online]. 29 December 2016. Available from: <http://www.turkishmaritime.com.tr/russian-shuttle-tanker-becomes-first-ship-certified-to-imos-polar-code-28242h.htm> A Russian arctic shuttle tanker has become the first ship to be certified in compliance with the International Maritime Organization's upcoming Polar Code regulations for the improved safety of ships operating in the polar regions.

**Foreship plots design route through new ferry regulations.** *Safety 4 Sea* [Online].

10 January 2017. Available from: <http://www.safety4sea.com/foreship-plots-design-route-new-ferry-regulations/> New ferry safety regulations call for trade-offs between different design criteria.

**Newbuilding activity returns to "snail pace" once again as ship owners shy away from new contracting.** *Hellenic Shipping News* [Online]. 18 January 2017. Available from:

<http://www.hellenicshippingnews.com/newbuilding-activity-returns-to-snail-pace-once-again-as-ship-owners-shy-away-from-new-contracting/> It seems that the trend set in 2016, when newbuilding orders hit a multi-year low is going to spill over to 2017 as well, with the majority of ship owners shying away from contracting, despite attractive prices.

**265 new ships represent the real challenge facing the tanker industry.**

**By Tomas Kristiansen.** *ShippingWatch* [Online]. 26 January 2017. Available from: <http://shippingwatch.com/secure/carriers/Tanker/article9320237.ece> Although the delivery of new tankers in 2016 was actually much lower than many market observers had expected, these ships still represent the single greatest challenge for the segment.

## SHIPPING

**The Shipping Market in 2016 and Looking Forward. By Peter Sand.**

*Baltic and International Maritime Council (BIMCO)* [Online]. 3 January 2017. Available from: [https://www.bimco.org/News/Market\\_Analysis/2017/20170103-The-shipping-market-in-2016-and-looking-forward](https://www.bimco.org/News/Market_Analysis/2017/20170103-The-shipping-market-in-2016-and-looking-forward) The shipping industry has its work cut out going forward in 2017 as the International Monetary Fund (IMF) forecast the lowest level of global GDP growth since 2009.

**Shipping and Global Trade Growth: What to look for in 2017? By Nikos Roussanoglou.**

*Hellenic Shipping News* [Online]. 3 January 2017. Available from: <http://www.hellenicshippingnews.com/shipping-and-global-trade-growth-what-to-look-for-in-2017/> It's been a turbulent year for world trade growth during 2016, as bumps and shakes were in the daily agenda over the course of the year.



**Multipurpose shipping freight rates to improve by end 2017.** *Drewry Shipping Consultants* [Online]. 4 January 2017. Available from: <https://www.drewry.co.uk/news/multipurpose-shipping-freight-rates-to-improve-by-end-2017> The multipurpose shipping market will see the first signs of recovery by the end of 2017, following in the steps of the dry bulk and container shipping markets, according to the latest Multipurpose Shipping Market Review and Forecaster report published by global shipping consultancy Drewry.

**Shipping will find new ways to ride out protracted downturn.** *By Richard Greiner.*

*Moore Stephens* [Online]. 4 January 2017. Available from:

<http://www.moorestephens.co.uk/news-views/january-2017/shipping-will-find-new-ways-to-ride-out-downturn> The shipping industry will use a mixture of experience and innovation to navigate what is likely to be another volatile year for the industry in 2017.

**After a Tough 2016, What Can The Bunker Industry Expect in 2017?** *Ship & Bunker*

[Online]. 6 January 2017. Available from: <http://shipandbunker.com/news/features/industry-insight/310344-after-a-tough-2016-what-can-the-bunker-industry-expect-in-2017> "2016 hasn't been fun, and I think 2017 could be worse."

**Hong Kong, Liberia, Panama and Marshall Islands flag - a comparative analysis.**

**By Georgina Axon, Norton Rose Fulbright and Jonathan Silver, Norton Rose Fulbright.**

*Seatrade Maritime News* [Online]. 5 January 2017. Available from: <http://www.seatrade-maritime.com/news/asia/hong-kong-liberia-panama-and-marshall-islands-flag-a-comparative-analysis.html> In this article, we provide an overview of the rules and regulations governing Hong Kong, Liberia, Marshall Islands and Panama flag.


**Infographic: Top 10 Shipowning Nations.** *World Maritime News* [Online]. 9 January 2017.

Available from: <http://worldmaritimeneeds.com/archives/209977/infographic-top-10-shipowning-nations/> The shipping industry sailed through difficult times during 2016, and today we take a look at how these conditions influenced the shipowners through an infographic showing the top 10 shipowning nations by value (USD million), provided by VesselsValue.

**ABS Releases New Guide for LNG Bunkering.** *Ship & Bunker* [Online]. 6 January 2017.

Available from: <http://shipandbunker.com/news/world/273766-abs-releases-new-guide-for-lng-bunkering> Classification society ABS has released a new guide for liquefied natural gas (LNG) bunkering, which outlines requirements for the design, construction, and survey of carriers and barges fitted with dedicated LNG transfer arrangements and intended for regular LNG bunkering service.

**Guide for LNG Bunkering.** *ABS (American Bureau of Shipping)* [Online]. January 2017.

Available from: <http://www.goo.gl/SrloZx>  This Guide has been developed to outline the requirements for the design, construction, and survey of liquefied gas carriers and barges fitted with dedicated LNG transfer arrangements and intended to operate in regular LNG bunkering service.

**Could Burrard Inlet bridges withstand an oil tanker collision?** *By Kent Spencer.*

*Times Colonist (Canada)* [Online]. 9 January 2017. Available from:


<http://www.timescolonist.com/news/b-c/could-burrard-inlet-bridges-withstand-an-oil-tanker-collision-1.6709977> Could a large ship hit and damage one of Burrard Inlet's vital bridges?

**Operators must complete preparation for MRV in 2017.** *Green4Sea* [Online].

10 January 2017. Available from: <http://www.green4sea.com/operators-must-complete-preparation-for-mrv-in-2017/> Interview with Panos Kourkountis, Technical Director, Andriaki Shipping doesn't anticipate revolutionary changes in marine environmental technology in 2017 and urges operators to complete the necessary plans for the MRV Regulation.

**New Study Shows Wind Technologies Provide "Significant" Potential for Power Savings in Shipping.** *Ship & Bunker* [Online]. 12 January 2017. Available from:


<http://shipandbunker.com/news/world/905171-new-study-shows-wind-technologies-provide-significant-potential-for-power-savings-in-shipping> A new study, commissioned by DG Climate Action and completed by CE Delft, Tyndall Centre for Climate Change Research, Fraunhofer ISI, and Chalmers University of Technology, suggests wind technologies, including Flettner rotors, wing sails, and towing kites, can have "significant" potential for power savings in commercial marine applications.

**Study on the analysis of market potentials and market barriers for wind propulsion technologies for ships.** By Dagmar Nelissen, Jasper Faber, Saliha Andour, Michael Traut, Wengang Mao, and Jonathan Köhler. *CE Delft* [Online]. November 2016. Available from: [http://www.cedelft.eu/publicatie/study\\_on\\_the\\_analysis\\_of\\_market\\_potentials\\_and\\_market\\_barriers\\_for\\_wind\\_propulsion\\_technologies\\_for\\_ships/1891](http://www.cedelft.eu/publicatie/study_on_the_analysis_of_market_potentials_and_market_barriers_for_wind_propulsion_technologies_for_ships/1891) This study, commissioned by DG Climate Action, focuses on the direct utilisation of wind for the propulsion of commercial ships in the form of wind-assisted shipping. [Study](#) 

**UK Maritime Industry.** *UK Parliament* [Online]. 12 January 2017. Available from: <https://hansard.parliament.uk/commons/2017-01-12/debates/D40AC430-5952-4198-B242-836FB5453E99/UKMaritimeIndustry> The UK maritime industry faces a number of fairly significant challenges.

**Maritime and Coastguard Agency appoint new Director of the UK Ship Register.**

*UK Maritime & Coastguard Agency* [Online]. 16 January 2017. Available from: <http://hmcoastguard.blogspot.co.uk/2017/01/maritime-and-coastguard-agency-appoint.html> Doug Barrow, currently chief executive of Maritime London - where he has been promoting the UK as a centre of maritime excellence for business - says he is honoured to be taking on the role and looking forward to leading the team.

**A fuel revolution in maritime transport?** *Deutsche Welle (Germany)* [Online]. 13 January 2017. Available from: <http://www.dw.com/en/a-fuel-revolution-in-maritime-transport/av-37125753>  Countless ships traverse the world's oceans, transporting humans and goods. Most ships burn heavy fuel oil, and so produce large amounts of fine particulates.

**Demand for Low Sulfur Bunkers in 2020 Will Be Higher Than Previous IEA Estimates, New Survey Suggests.** *Ship & Bunker* [Online]. 16 January 2017. Available from: <http://shipandbunker.com/news/world/386022-demand-for-low-sulfur-bunkers-in-2020-will-be-higher-than-previous-iea-estimates-new-survey-suggests> A new report published by global banking firm UBS Limited (UBS) indicates 74 percent of shipowners expect to use higher priced low sulfur bunkers to meet the upcoming 0.50 percent global sulfur cap in 2020, rather using alternative methods of compliance, a higher proportion than indicated by earlier International Energy Agency (IEA) estimates.

**Is 2017 The Apex Of Shipping? By Captain George Livingstone.** *gCaptain* [Online]. 17 January 2017. Available from: <http://gcaptain.com/the-future-of-trade/> Well 2016 was quite a year for international shipping; the new ultra large locks of Panama Canal opened, the expanded Suez Canal went into high gear, one of the biggest container shipping lines in the world went bankrupt and national elections around the world delivered a distinct message (Brexit, Philippines, USA, Italy, etc.).

**Interview: Peter Hinchliffe, Secretary-General, International Chamber of Shipping, ICS. By Lena Göthberg.** *Shipping Podcast* [Online]. 13 January 2017. Available from:

<https://shippingpodcast.com/peter-hinchliffe-secretary-general-international-chamber-shipping-ics/> In this, the 50th episode of the Shipping Podcast, we meet Peter Hinchliffe, Secretary-General of the ICS. He is a former submarine mariner and joined the ICS 15 years ago and since 2010 he is the Secretary-General.

**Panama Canal is redefining LNG shipping. By Hal Brown.** *Lloyd's List* [Online].

18 January 2017. Available from: <https://www.lloydslist.com/ll/sector/tankers/article547479.ece>  
The Panama Canal's impact on liquefied natural gas shipping is definitely being felt, with LNG transits from the US to Asia via the waterway rising to an average of 14 per month from five last July.

**Arctic shipping and marine insurance.** *WWF* [Online]. 18 January 2017. Available from:

<http://arctic.blogs.panda.org/default/arctic-shipping-insurance/> Shipping in the Arctic is changing with data showing more ships, longer navigation seasons, and new entrants among ship operators in the region.

**SAFETY4SEA survey reveals industry's smart side.** *Safety 4 Sea* [Online]. 16 January 2017.

Available from: <http://www.safety4sea.com/safety4sea-survey-reveals-industrys-smart-side/>  
SAFETY4SEA conducted 'Share your Smart Shipping Insights' survey to assess how maritime stakeholders have realized the current and future smart shipping challenges accompanied by related infographic which illustrates future trends.

**Donald Trump and shipping: what to expect. By Stefanos Roulakis, Blank Rome.**

*Splash 24/7* [Online]. 20 January 2017. Available from: <http://splash247.com/donald-trump-shipping-expect/> As he prepares to take the oath of office, Stefanos Roulakis from Blank Rome ponders what the 45th president of the US will mean for global maritime trade.

**Ogbeifun: How FG's Proposed National Fleet Can Be Successful. By Eromosele Abiodun.**

*This Day (Nigeria)* [Online]. 23 January 2017. Available from: <http://www.thisdaylive.com/index.php/2017/01/23/ogbeifun-how-fgs-proposed-national-fleet-can-be-successful/> Managing Director and Chief Executive Officer of Starzs Marine and Engineering Limited and President of the Ship Owners Association of Nigeria, Greg Ogbeifun, in this interview with Eromosele Abiodun posited that a robust flag administration is necessary for the proposed national fleet to be successful.

**Commentary: Shippers can form alliances too. By Chris Dupin, Maritime and Intermodal Editor, American Shipper.** *American Shipper* [Online]. 20 January 2017. Available from:

<http://www.americanshipper.com/main/news/275f15a2-182a-4320-b925-7c92c4abe7a6.aspx>  
Now that the European Shippers' Council (ESC) has rejoined the Global Shippers' Forum, ESC Chairman Denis Choumert is hopeful the Asian Shippers' Association and other Asian shipper groups will work with the forum to address concerns.

**Minister Mallia presides over the signing of the MOU Malta Marittima Agency and Malta Maritime Forum.** *Government of Malta* [Online]. 20 January 2017. Available from:

<https://www.gov.mt/en/Government/Press%20Releases/Pages/2017/January/20/PR170119.aspx>  
Minister for Competitiveness and Digital, Maritime and Services Economy Dr Emmanuel Mallia today presided over the signing of a Memorandum of Understanding between the Malta Maritime Forum and Malta Marittima Agency.

**Pole position for Russian Arctic ships.** By Atle Staalesen. *Independent Barents Observer* (Norway) [Online]. 20 January 2017. Available from: <https://thebarentsobserver.com/en/industry-and-energy/2017/01/pole-position-russian-arctic-ships> The Russian State Duma, the lower house of parliament, has adopted amendments in the federal Law on Commercial Shipping which grants Russian-registered ships additional preferences in domestic Arctic shipping.

**What Can the Bunker Industry Learn from Aviation?** By Steve Leonard. *Ship & Bunker* [Online]. 24 January 2017. Available from: <http://www.goo.gl/vC1dS5> The Aviation and Marine fuelling businesses are fundamentally one and the same.

**MOL Teams up with BHP Billiton/DNV GL/Rio Tinto/SDARI/Woodside on Joint Study of LNG-fuelled Capesize Bulker.** *Mitsui O.S.K. Lines Ltd. (MOL)* [Online]. 24 January 2017. Available from: <http://www.mol.co.jp/en/pr/2017/17004.html> TOKYO-Mitsui O.S.K. Lines, Ltd. (MOL; President & CEO: Junichiro Ikeda) today announced that it has reached an agreement to launch a joint study of a liquefied natural gas (LNG)-fuelled Capesize bulker with five other companies- BHP Billiton, DNV GL, Rio Tinto, Shanghai Merchant Ship Design and Research Institute (SDARI) and Woodside Energy.

**EU politicians need to realise Greek shipping is a 'European asset'.** By David Glass. *Seatrade Maritime News* [Online]. 25 January 2017. Available from: <http://www.seatrade-maritime.com/news/europe/eu-politicians-need-to-realise-greek-shipping-is-a-european-asset.html> European politicians and legislators both in the European Union and in Greece have to realise shipping is a pillar of the European economy and Greek shipping is a pillar of European shipping and is vital to the economic welfare of all of Europe.

**Is Europe ready for low-sulphur shipping?** By Max Tingyao Lin. *Lloyd's List* [Online]. 24 January 2017. Available from: <https://www.lloydslist.com/ll/sector/regulation/article547409.ece> Europe, which has often proclaimed itself to be a leader in environmental regulations, has arguably the most stringent sulphur standards for marine fuel in the world.

**Shipping Sector Faced With Uncertainty, Challenges.** *Shipping Herald (Greece)* [Online]. 26 January 2017. Available from: <http://www.shippingherald.com/shipping-sector-faced-with-uncertainty-challenges/> The president-designate European Community Shipowners' Associations (ECSA), Panos Lascaridis, late last week thoroughly decried what he called certain "quarters within the EU" that are trying to implement regional measures in the maritime shipping sector.

**Arctic Container Lines Expand Cooperation.** *Maritime Executive* [Online]. 25 January 2017. Available from: <http://www.maritime-executive.com/article/arctic-container-lines-expand-cooperation> Iceland's Eimskip and Greenland's Royal Arctic Line have signed a container shipping cooperation agreement, subject to confirmation from competition authorities, and both placed orders for new Polar Code-compliant container ships.

**Wärtsilä and Carnival Corporation announce strategic performance-based partnership.** *Wärtsilä Corporation* [Online]. 25 January 2017. Available from: <http://www.wartsila.com/media/news/25-01-2017-wartsila-and-carnival-corporation-announce-strategic-performance-based-partnership> Wärtsilä and Carnival Corporation & plc, the world's largest cruise company, announced today that they have signed a comprehensive, 12-year agreement that strengthens their existing partnership and joint continuous improvement efforts to maintain the highest possible levels for cruise ship safety and reliability

**Patience and perseverance - characteristics shipping needs in the year of the Rooster.**

**By Jason Pohl.** *Splash 24/7* [Online]. 27 January 2017. Available from:

<http://splash247.com/patience-perseverance-characteristics-shipping-needs-year-rooster/>

In Chinese astrology, the rooster is said to have many good characteristics such as being trustworthy, competitive, a wise decision-maker, conservative and patient.

**IMarEST opens office in China as membership grows.** *Institute of Marine Engineering, Science and Technology (IMarEST)* [Online]. 25 January 2017. Available from:

<https://www.imarest.org/policy-news/institute-news/item/3077-imarest-opens-office-in-china-as-membership-grows>

The Institute of Marine Engineering, Science and Technology (IMarEST), the world's largest global marine and maritime professional body, has today announced that it has opened an office in Shanghai and China.

**'Huge threat to global shipping': BIMCO warns on growing protection. By Sam Chambers.**

*Splash 24/7* [Online]. 30 January 2017. Available from: <http://splash247.com/huge-threat-global-shipping-bimco-warns-growing-protectionism/>

Global shipowning body BIMCO has issued a brace of reports in which it warns growing protectionist policies around the world pose a "huge threat" to world shipping, while boxship owners must not be tempted to bring their ships out of layup this year.

**Energy-efficient shipping in Malta. By Edward Mario Camilleri.** *Times of Malta* [Online].

29 January 2017. Available from:

<http://www.timesofmalta.com/articles/view/20170129/business-news/Energy-efficient-shipping-in-Malta.637934>

It is undeniable that the maritime industry is one of the pillars of Malta's economy.

**Greener ship recycling: DNV GL to certify 50 IHMs for Norddeutsche Reederei.**

**By Nikos Späth.** *DNV GL* [Online]. 27 January 2017. Available from:

<https://www.dnvgl.com/news/greener-ship-recycling-dnv-gl-to-certify-50-i-hms-for-norddeutsche-reederei-84819>

DNV GL and Norddeutsche Reederei H. Schuldt have signed a contract to carry out Inventory of Hazardous Materials (IHM) certifications for the shipping company's managed fleet of more than 50 vessels.

**As 2020 Approaches, Malta Works to Dispel Notion It's A "Flag of Convenience".**

*Ship & Bunker* [Online]. 31 January 2017. Available from:

<http://shipandbunker.com/news/emea/801800-as-2020-approaches-malta-works-to-dispel-notion-its-a-flag-of-convenience>

As tighter environmental regulations for shipping come into force, including a 0.50 percent sulfur cap for bunkers in 2020, Transport Malta says it is working to eliminate perceptions that the Maltese registry is a "flag of convenience" through the implementation of local and International Maritime Organization (IMO)-backed legislation, local media reports.



## RESEARCH

**Persistence and biodegradation of oil at the ocean floor following *Deepwater Horizon*.**

By S. C. Bagby, C. M. Reddy et al. *Proceedings of the National Academy of Sciences*.

[Online]. (2017). Available from: <http://www.pnas.org/content/114/1/E9.abstract>

The 2010 *Deepwater Horizon* disaster introduced an unprecedented discharge of oil into the deep Gulf of Mexico.

**Local-scale projections of coral reef futures and implications of the Paris Agreement.**

By R. van Hooidonk, J. Maynard et al. *Scientific Reports*. [Online]. (2016). Available from:

<http://dx.doi.org/10.1038/srep39666> Increasingly frequent severe coral bleaching is among the greatest threats to coral reefs posed by climate change.

**Regional adaptation defines sensitivity to future ocean acidification. By P. Calosi, S.**

**Melatunan et al.** *Nature Communications*. [Online]. (2017). Available from:

<http://dx.doi.org/10.1038/ncomms13994> Physiological responses to temperature are known to be a major determinant of species distributions and can dictate the sensitivity of populations to global warming.

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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.