

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE

“sharing maritime knowledge”

CURRENT AWARENESS BULLETIN

October 2017



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



About the MKC Current Awareness Bulletin (CAB)

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

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

[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.

CONTENTS

IMO / UNITED NATIONS NEWS & EVENTS	2
--	---

INDUSTRY NEWS AND PUBLICATIONS

UNITED NATIONS NEWS.....	4
CASUALTIES.....	4
ENVIRONMENT	7
ENVIRONMENTAL POLLUTION	10
HEALTH.....	12
IMO	12
LAW AND POLICY	16
MARINE TECHNOLOGY.....	20
MARITIME SAFETY	21
MARITIME SECURITY	23
MARITIME TRAINING	25
MIGRANTS	26
NAVIGATION AND COMMUNICATIONS	28
PIRACY.....	29
PORT STATE CONTROL.....	30
PORTS AND HARBOURS	30
RECYCLING OF SHIPS	34
REGULATIONS	35
SALVAGE	36
SEAFARERS	37
SEARCH AND RESCUE	40
SHIPBUILDING AND SHIPREPAIR	40
SHIPPING	41
RESEARCH.....	48

IMO / UNITED NATIONS NEWS & EVENTS

WHAT'S NEW

Unsafe mixed migration by sea – an ongoing humanitarian challenge

Unsafe mixed migration by sea continues to claim many lives, despite the strenuous efforts made by Governmental and naval rescue services, often supported by merchant vessels, abiding by the long-standing tradition and legal obligation to go to the rescue of persons in distress at sea.

The complexities of this humanitarian challenge were discussed on Monday (30 October) at a meeting hosted by the International Maritime Organization (IMO), bringing together representatives of UN agencies, the maritime industry and European Union naval forces.

For the rescued and seafarers alike, the experience can be harrowing. A modern merchant vessel is unsuited to carrying large numbers of survivors, offering inadequate shelter, medical care or sanitation in such situations, and with limited spare food and water on board.

Three rescues involving merchant ships in the Mediterranean illustrate the challenges.

In October 2016, the fully-laden oil tanker **Okyroe**, with a crew of 21 seafarers on board, rescued 1,536 people from rubber dinghies; 778 were transferred to rescue vessels over a two-day period and 758 were transferred by the vessel to port of Augusta, Italy.

In August 2016, the platform supply vessel **OOC Jaguar** rescued 501 people from several rubber boats, including one just-delivered baby and her mother. A crew member unwrapped the umbilical chord from the baby's neck and helped the mother deliver the placenta.

[Full Story](#)

IMO MEETINGS FOR 2017

[39th Consultative Meeting of Contracting Parties to the London Convention and the 12th Meeting of Contracting Parties to the London Protocol \(LC 39/LP 12\)](#)
(09/10/2017 – 13/10/2017)

IMO PRESS BRIEFINGS

[Progress made in developing GHG strategy for international shipping](#)
Briefing: 28, October 30, 2017

[IMO promotes fishing vessel safety agreement to save lives](#)
Briefing: 27, October 26, 2017

[Ocean Change requires solutions - UN Oceans Envoy](#)
Briefing: 26, October 23, 2017

[Panama's World Maritime Day Parallel Event](#)
Briefing: 25, October 5, 2017

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

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

UNITED NATIONS NEWS

Join global treaty to root out the scourge of illegal fishing, urges UN food security agency. *UN News Centre*. 6 October 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57827> Calling for strengthening the fight against illegal fishing, the United Nations food security agency has urged all countries to join a landmark global treaty that aims to rid the world of the multibillion-dollar scourge.

Cutting greenhouse gases, reducing disaster risk, vital for sustainable development.

UN News Centre. 11 October 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=57859> A new United Nations report has underscored the importance of a "risk-informed" approach to sustainable development and called for integrating global agreements on disaster risk reduction and climate change into national socio-economic planning.

Security Council Committee Established Pursuant to Resolution 1718 (2006) Designates Four Vessels Pursuant to Paragraph 6 of Resolution 2375 (2017). *United Nations*.


10 October 2017. Available from: <https://www.un.org/press/en/2017/sc13023.doc.htm>

The Committee wishes to recall the decision of the Security Council in paragraph 6 of resolution 2371 (2017) that Member States shall prohibit the entry into their ports of such designated vessels, unless the Committee determines in advance that such entry is required for humanitarian purposes or any other purposes consistent with the objectives of resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013), 2270 (2016), 2321 (2016), 2356 (2017) or 2371 (2371).

Statement by Irina Bokova, Director-General of UNESCO, on the occasion of the Withdrawal by the United States of America from UNESCO. *UNESCO*. 12 October 2017.


Available from: <http://en.unesco.org/sites/default/files/statement-irina-bokova-director-general-unesco-occasion-withdrawal-united-states-america-unesco.html> After receiving official notification by the United States Secretary of State, Mr Rex Tillerson, as UNESCO Director-General, I wish to express profound regret at the decision of the United States of America to withdraw from UNESCO.

UNODC Annual Report 2016. *United Nations Office on Drugs and Crime (UNODC)*.

October 2017. Available from: <http://www.unodc.org/unodc/en/about-unodc/annual-report.html?ref=menutop> The 2016 Annual Report provides an overview of UNODC's work across the globe in assisting Member States to address the threat posed by drugs, crime and terrorism. [2016 Annual Report](#) 

CASUALTIES

Coast Guard releases report of investigation into loss of 33 mariners and U.S. cargo ship, *El Faro*. *United States Coast Guard*. 1 October 2017. Available from:

<http://mariners.coastguard.dodlive.mil/2017/10/01/1012017-coast-guard-releases-report-of-investigation-into-loss-of-33-mariners-and-u-s-cargo-ship-el-faro> The Coast Guard announced during a news conference in Jacksonville, Florida, Oct. 1, 2017, that it has released its Report of Investigation into the loss of 33 mariners and the U.S. cargo ship, *El Faro*. [Full Report](#) 

Three suffocate to death on cargo ship anchored at Sohar port. *Times of Oman.*

1 October 2017. Available from: <http://timesofoman.com/article/118345> Three people died from suffocation on a cargo ship, the Public Authority for Civil Defence and Ambulance (PACDA) said on Sunday.


Seafarer electrocuted aboard bulker in Australian Port. *World Maritime News.*

4 October 2017. Available from: <http://worldmaritimeneews.com/archives/231486/> The incident occurred in the evening hours on Saturday, September 29, a spokesperson for Southern Ports told World Maritime News.

12 missing after aframax and trawler collide. **By Gary Dixon.** *TradeWinds.* 5 October 2017.

Available from: <http://www.tradewindsnews.com/tankers/1359175/12-missing-after-aframax-and-trawler-collide> Twelve fishermen were missing on Thursday following a crash between a Brightoil tanker and a trawler.

Assistance to Malaysian Ministry of Transport in support of missing Malaysia Airlines flight MH370 on 7 March 2014 UTC. *Australian Transport Safety Bureau (ATSB).* 3 October 2017.

Available from: https://www.atsb.gov.au/publications/investigation_reports/2014/aaair/ae-2014-054/ On 8 March 2014, a Boeing 777 aircraft operated as Malaysia Airlines flight 370 (MH370) was lost during a flight from Kuala Lumpur in Malaysia to Beijing in the People's Republic of China carrying 12 crew and 227 passengers. [Full Report](#) 

11 dead, one missing after Chinese boat, HK tanker collide . *Channel News Asia.*



6 October 2017. Available from: <http://www.channelnewsasia.com/news/asiapacific/11-dead-one-missing-after-chinese-boat-hk-tanker-collide-9286592> Japanese coastguards said Friday they had discovered 11 bodies inside a Chinese fishing boat that capsized after a collision with a Hong Kong oil tanker off Japan's western coast on Thursday (Oct 5).

Cargo vessel aground at Margate. *UK Maritime & Coastguard Agency.* 8 October 2017.

Available from: <http://hmcoastguard.blogspot.co.uk/2017/10/cargo-vessel-aground-at-margate.html> A cargo vessel remains aground outside Margate Harbour. [UPDATE](#)

Marine Accident Investigation Report 21/2017: Accident during pilot transfer between general cargo vessel *Sunmi* and pilot transfer vessel *Patrol* with loss of 1 life.

UK Marine Accident Investigation Branch (MAIB). 12 October 2017. Available from:

<https://www.gov.uk/maib-reports/accident-during-pilot-transfer-between-general-cargo-vessel-sunmi-and-pilot-transfer-vessel-patrol-with-loss-of-1-life> At 1812 on 5 October 2016, a Port of London Authority sea pilot was in the process of boarding the Bahamas registered general cargo vessel *Sunmi* from the pilot launch *Patrol* when he fell and was crushed between the two vessels. [Report](#)  [Annexes](#) 

USS *John S. McCain* CO and XO relieved. *United States Navy.* 10 October 2017.

Available from: <http://www.c7f.navy.mil/Media/News/Display/Article/1338834/> The commanding officer, Cmdr. Alfredo J. Sanchez, and executive officer, Cmdr. Jessie L. Sanchez, of the guided-missile destroyer *USS John S. McCain* (DDG 56) were relieved of their duties by Vice Adm. Phil Sawyer, Commander, Seventh Fleet, on Oct. 11.

Hunt for 14 missing crew underway after nickel ore ship sinks. **By Bob Rust.** *TradeWinds.*

13 October 2017. Available from: <http://www.tradewindsnews.com/casualties/1364163/hunt-for-14-missing-crew-underway-after-nickel-ore-ship-sinks> Rescuers are continuing to search for survivors after a Dubai-owned supramax sank in the Philippines Sea today in heavy weather with 29 crew members onboard.

Dry bulk: Supramax vessel with nickel ore on board sinks near the Philippines.

By Shriram Sivaramakrishnan. *S&P Global Platts*. 13 October 2017. Available from: <https://www.platts.com/latest-news/shipping/singapore/dry-bulk-supramax-vessel-with-nickel-ore-on-board-27879099> A Supramax-class dry bulk vessel carrying nickel ore sank Friday morning near the Philippines, according to freight market sources.

PCG assists rescued crew of *M/V Emerald Star* in Cagayan. *Philippine Coast Guard*.

16 October 2017. Available from: <http://www.coastguard.gov.ph/index.php/11-news/1812> Personnel from Coast Guard District Northeastern Luzon successfully transferred five rescued crew members from the ill fated *M/V Emerald Star* which sunk at vicinity waters Northeast off Sta. Ana, Cagayan around 6 A.M. last Sunday, 15 October at Casambalangan, Sta Ana, Cagayan.

Coast Guard searching for missing man after explosion on oil platform.

United States Coast Guard. 15 October 2017. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/1bdbf5b> The Coast Guard is coordinating search efforts for a missing man after an explosion on an oil platform in Lake Pontchartrain near Kenner, Louisiana, Sunday evening.

UPDATE: Coast Guard, federal agencies responding to offshore oil spill.

United States Coast Guard. 14 October 2017. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/1bd952f> The Coast Guard is responding to the report of a crude oil spill in the Gulf of Mexico.



Girl dies after falling 'about 20 feet' from deck on Carnival cruise ship docked in Miami.

By Amy B. Wang. *National Post (Canada)*. 16 October 2017. Available from: <http://nationalpost.com/news/world/girl-dies-after-falling-about-20-feet-from-deck-on-carnival-cruise-ship-docked-in-miami> Police are investigating the death of a child who fell on a Carnival cruise ship Saturday shortly after it arrived in Miami.

ECDIS under fire after bulker grounding. By Gary Dixon. *TradeWinds*. 19 October 2017.

Available from: <http://www.tradewindsnews.com/drycargo/1368098/ecdis-under-fire-after-bulker-grounding> The UK and Denmark are investigating electronic chart display and information systems (ECDIS) after another grounding was partly blamed on how it is being used by seafarers.

Accident Investigation Report 22/2017: Grounding of bulk carrier *Muros*.

UK Marine Accident Investigation Branch (MAIB). 19 October 2017. Available from: <https://www.gov.uk/maib-reports/grounding-of-bulk-carrier-muros> In the early hours of 3 December 2016, the bulk carrier *Muros* ran aground on Haisborough Sand, 8 miles off the Norfolk coast and the master's attempts to manoeuvre the vessel clear were unsuccessful due to a falling tide. [Report](#)  [Annexes](#) 


BSEE lends expertise in Louisiana Oil and Gas Platform Fire Investigation.

S Bureau of Safety and Environmental Enforcement (BSEE). 19 October 2017. Available from: <https://www.bsee.gov/newsroom/latest-news/statements-and-releases/press-releases/bsee-lends-expertise-in-louisiana-oil> An engineer, an inspector and an investigator in New Orleans with the Bureau of Safety and Environmental Enforcement are lending their expertise to the Jefferson Parish authorities to assist with the investigation of the recent oil and gas platform explosion and fire in state waters.



Ten years on, Greece orders *Sea Diamond* wreck removal. By Harry Papachristou.

TradeWinds. 19 October 2017. Available from:

<http://www.tradewindsnews.com/passengerships/1369255/ten-years-on-greece-orders-sea-diamond-wreck-removal> Greece has ordered the removal of a cruiseship that sank off the Aegean island of Santorini more than ten years ago.

"On the tragic loss of *EMERALD STAR*". *International Association of Dry Cargo Shipowners (INTERCARGO)*. 24 October 2017. Available from: <https://www.intercargo.org/wp-content/uploads/2017/10/201710241511474393.pdf>  INTERCARGO is deeply concerned with the tragic loss of the 57k dwt Bulk Carrier *EMERALD STAR* in the morning of the 13th October with 26 seafarers on board.


Master of Container Ship Goes Missing Off Italy. *Maritime Executive*. 23 October 2017. Available from: <https://maritime-executive.com/article/master-of-container-ship-goes-missing-off-italy> Italian authorities are investigating the disappearance of the master of the container feeder *MSC Giannina*, who went missing during a voyage from Gioia Tauro to Genoa on Thursday night.

Accident Investigation Report 23/2017: Grounding of the ultra-large container vessel CMA CGM *Vasco de Gama*. *UK Marine Accident Investigation Branch (MAIB)*. 25 October 2017. Available from: <https://www.gov.uk/maib-reports/grounding-of-the-ultra-large-container-vessel-cma-cgm-vasco-de-gama> In the early hours of the morning on 22 August 2016, the 399m long ultra-large container vessel CMA CGM *Vasco de Gama* grounded on the western side of the Thorn Channel whilst approaching the Port of Southampton. [Report](#)  [Annexes](#) 

ENVIRONMENT

Malta returns to the global stage on ocean protection. By Karmenu Vella, EU Commissioner for Environment, Maritime Affairs and Fisheries. *European Commission*. 2 October 2017. Available from: https://ec.europa.eu/commission/commissioners/2014-2019/vella/blog/malta-returns-global-stage-ocean-protection_en 50 years ago, Malta stood proudly on the global stage on Ocean protection.

Board approves over \$20 Million for Seychelles' Sustainable Fisheries and Marine Resources Conservation. *World Bank*. 29 September 2017. Available from: <http://www.worldbank.org/en/news/press-release/2017/09/29/board-approves-over-20-million-for-seychelles-sustainable-fisheries-and-marine-resources-conservation> Today, the World Bank approved a package of over \$20 million for the Republic of the Seychelles to improve the conservation of its marine resources and expand seafood value chains.

Boat strikes, fishing gear behind right whale deaths in Gulf of St. Lawrence: report. By Lindsay Jones. *Globe and Mail (Canada)*. 5 October 2017. Available from: <https://beta.theglobeandmail.com/news/national/veterinarians-release-results-from-study-of-north-atlantic-right-whale-deaths/article36499114/>  Glacier died while venturing into some of the country's busiest shipping lanes in the Gulf of St. Lawrence after his favourite food: high-fat zooplankton called copepods that are like tiny Big Macs for the giant North Atlantic right whales.

Dead whale rides ship's bow into Tauranga. By Kiri Gillespie. *New Zealand Herald*. 5 October 2017. Available from: http://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=11929790 The whale found slumped across the bow of a ship as it arrived in Tauranga is believed to have been the victim of "an unfortunate accident".

Indonesia, Norway commit to assure sea healthiness. *Antara News (Indonesia).*

5 October 2017. Available from: <http://www.antaraneews.com/en/news/112947> Indonesia and Norway have made commitment to jointly work to assure sea healthiness to reduce the impact of climate change on global sea condition, Indonesias minister of fisheries and maritime affairs Susi Pudjiastuti has said.


Seal pups get separated from their mums by icebreaker ships. *By Joshua Rapp Learn.*

New Scientist. 6 October 2017. Available from: <http://www.goo.gl/KChccu> Icebreaker ships may be splitting endangered seal mothers from their pups at a critical point in their development.

New TRIP report identifies key research areas to unlock clean transport potential.

European Commission. 2017. Available from:

<https://trimis.ec.europa.eu/news/tripcleantransport> The "Research Theme Analysis Report: Cleaner Transport" compiles outcomes from over EUR 2.8 billion worth of clean transport research and innovation projects throughout the EU.

[Research Theme Analysis Report - Cleaner Transport](#) 

MAN Diesel & Turbo makes pledge at International Ocean Conference.

MAN Diesel & Turbo. 9 October 2017. Available from: <http://dieselturbo.man.eu/press-media/news-overview/details/2017/10/09/man-diesel-turbo-makes-pledge-at-international-ocean-conference> Malta set the scene for the invitation-only 'Our Ocean 2017 Conference' this past October 5th and 6th that brought together statesmen, government ministers and industry leaders from around the world to look to the future and deliver high-level commitments to preserve the world's oceans.

New sea change resources launched to support a healthier ocean. *European Commission.*

9 October 2017. Available from: http://cordis.europa.eu/news/rcn/141740_en.html

Ocean health and human health are intrinsically linked, and by helping citizens to understand how their activities affect the ocean, Sea Change calls on all citizens to take responsible action to support a healthier ocean.

Drive for giant new marine sanctuary in Antarctica. *Straits Times.* 16 October 2017.

Available from: <http://www.straitstimes.com/asia/australianz/drive-for-giant-new-marine-sanctuary-in-antarctica> Australia and France kick off a fresh push Monday (Oct 16) to create a vast marine sanctuary in pristine East Antarctica, hoping to build on the success of landmark deal secured last year at a key annual conservation summit.

David Attenborough urges action on plastics after filming Blue Planet II.

By Graham Ruddick. The Guardian. 15 October 2017. Available from:

<https://www.theguardian.com/environment/2017/oct/15/david-attenborough-urges-immediate-action-on-plastics-blue-planet> Sir David Attenborough has called for the world to cut back on its use of plastic in order to protect oceans.

ABS and Green Award join forces to set standards for safety and excellence. *gCaptain.*


16 October 2017. Available from: <http://gcaptain.com/abs-green-award-join-forces-set-standards-safety-excellence/> ABS, a leading provider of classification and technical services to the marine and offshore industries, announced it has joined the Green Award certification network.


Fiji Ministerial sets tone for urgency at COP23: UN Climate Change Conference must be next step toward Paris goals. *United Nations Framework Convention on Climate Change (UNFCCC)*. 17 October 2017. Available from: <http://newsroom.unfccc.int/cop-23-bonn/ministerial-meeting-in-fiji-sets-scene-for-cop23/> A ministerial meeting in Fiji today stressed the urgent need for progress to meet the pressing schedules of the Paris Climate Change Agreement and build a global "Grand Coalition" of action between all levels of government, business and civil society.

Bay chiefs on duty to protect marine resources. **By Yuan Shenggao.** *China Daily.Com*. 23 October 2017. Available from: http://www.chinadaily.com.cn/cndy/2017-10/23/content_33595080.htm Hainan, an island province with a 1,823 kilometer-long coastline, is appointing bay chiefs and establishing a bay management and protection responsibility system, to better safeguard its marine ecology, according to the provincial government.

More acidic oceans 'will affect all sea life'. **By Roger Harrabin.** *BBC News*. 23 October 2017. Available from: <http://www.bbc.co.uk/news/science-environment-41653511> All sea life will be affected because carbon dioxide emissions from modern society are making the oceans more acidic, a major new report will say.

Ocean acidification is deadly threat to marine life, finds eight-year study.
By Fiona Harvey. *The Guardian*. 23 October 2017. Available from: <https://www.theguardian.com/environment/2017/oct/23/ocean-acidification-deadly-threat-to-marine-life-finds-eight-year-study> Plastic pollution, overfishing, global warming and increased acidification from burning fossil fuels means oceans are increasingly hostile to marine life.

Port of Los Angeles and Port of Long Beach 2017 Clean Air Action Plan Update Released.
Clean Air Action Plan (CAAP). 23 October 2017. Available from: <http://www.cleanairactionplan.org/news/2017-clean-air-action-plan-update-released/>
The ports of Los Angeles and Long Beach today released the final 2017 San Pedro Bay Ports Clean Air Action Plan (CAAP) Update, which sets America's largest seaports on a path toward zero emissions operations. [2017 Clean Air Action Plan Fact Sheet](#) 

How COP23 Will Run on Clean Energy. *United Nations Framework Convention on Climate Change (UNFCCC)*. 25 October 2017. Available from: <http://newsroom.unfccc.int/unfccc-newsroom/how-cop23-will-run-on-clean-energy/>  The UN Climate Change Conference in Bonn (COP23, 6 - 17 November) is designed to increase climate action and more sustainable development at all levels of society.

ASEAN Countries Join Forces for Climate Action Focus on Transparency and Carbon pricing. *United Nations Framework Convention on Climate Change (UNFCCC)*. 24 October 2017. Available from: <http://newsroom.unfccc.int/climate-action/asean-countries-join-forces-for-climate-action/> At a recent event in Singapore supported by UN Climate Change, nine South East Asian Nations have committed to step up climate action by taking a harmonized approach to measuring, reporting and verifying greenhouse gas emissions as a first step towards further regional collaboration on carbon markets.

Greenhouse gas concentrations surge to new record. *World Meteorological Organization (WMO)*. 30 October 2017. Available from: <https://public.wmo.int/en/media/press-release/greenhouse-gas-concentrations-surge-new-record> Concentrations of carbon dioxide in the atmosphere surged at a record-breaking speed in 2016 to the highest level in 800 000 years, according to the World Meteorological Organization's Greenhouse Gas Bulletin.

Bid to expand Antarctic marine protection area fails: conservationist. *Reuters.*

28 October 2017. Available from: <http://www.reuters.com/article/us-environment-antarctic-park/bid-to-expand-antarctic-marine-protection-area-fails-conservationist-idUSKBN1CX07J>

A proposal to expand the world's largest marine conservation park in Antarctica by linking it with smaller ones failed at a meeting as Russian and Chinese delegates did not endorse it, a conservationist attending the session said on Saturday.

Greenpeace launches campaign to create 'largest protected area on Earth' – as Antarctic nations fall short on marine protection. *Greenpeace.* 27 October 2017. Available from:

<https://www.greenpeace.org.uk/press-releases/greenpeace-launches-campaign-create-largest-protected-area-earth-antarctic-nations-fall-short-marine-protection/>

Following a failure to agree strong marine protection in the East Antarctic, Greenpeace has called for governments to show "greater vision and ambition" in the coming year and create the largest protected area on Earth: an Antarctic Ocean Sanctuary.

New science suggests the ocean could rise more — and faster — than we thought.

By Chris Mooney. *Washington Post.* 26 October 2017. Available from:

<https://www.washingtonpost.com/news/energy-environment/wp/2017/10/26/new-science-suggests-the-ocean-could-rise-more-and-faster-than-we-thought>

Climate change could lead to sea level rises that are larger, and happen more rapidly, than previously thought, according to a trio of new studies that reflect mounting concerns about the stability of polar ice.

ENVIRONMENTAL POLLUTION

More or Less: Big Polluters: Ships v Cars. *BBC Radio 4.* 1 October 2017. Available from:

<http://www.bbc.co.uk/programmes/w3cstyfd> A number of websites have claimed that '15 of the largest ships emit as much pollution as all the cars in the world.'

Saronic Gulf oil spill largely contained, says ministry. *Ekathimerini (Greece).* 4 October

2017. Available from: <http://www.ekathimerini.com/222170/article/ekathimerini/news/saronic-gulf-oil-spill-largely-contained-says-ministry>

In a statement on Wednesday, the Shipping Ministry said that the marine pollution caused by an oil spill from a tanker that sank off the coast of Salamina last month has been largely contained.

Vessel noise is reducing ability of killer whales to hunt by about 25 per cent, new research suggests. **By Larry Pynn.** *Vancouver Sun (Canada).* 11 October 2017.

Available from: <http://vancouversun.com/news/local-news/fisheries-minister-pledges-to-do-whatever-it-takes-to-save-endangered-southern-resident-killer-whales>

Orla Robinson, manager of the port's Enhancing Cetacean Habitat and Observation program, told a killer whale symposium in Vancouver that the research - based on "predictive models" rather than actual observations - also suggests that large ocean-going ships are responsible for about two-thirds of that diminished hunting ability and whale watching about one-third.



OSPAR and underwater noise. *OSPAR Commission.* 13 October 2017. Available from:

<https://www.ospar.org/news/ospar-and-underwater-noise> OSPAR experts met for the first time with their HELCOM colleagues from the Baltic to discuss common challenges with monitoring

both impulsive and continuous underwater noise, in Göteborg, Sweden.

[Distribution of reported impulsive sounds](#)

Gulf of Mexico oil spill may be largest since 2010 BP disaster. By Nico Grant. *Bloomberg*. 16 October 2017. Available from: <https://www.bloomberg.com/news/articles/2017-10-16/gulf-of-mexico-oil-spill-may-be-largest-since-2010-bp-disaster> An oil spill in the Gulf of Mexico last week may be the largest in the U.S. since the 2010 blowout at BP Plc's Macondo well that sank the Deepwater Horizon rig and killed 11 people.

Greenhouse gas emissions from global shipping, 2013–2015. By Naya Olmer, Bryan Comer, Biswajoy Roy, Xiaoli Mao, and Dan Rutherford. *International Council on Clean Transportation (ICCT)*. 17 October 2017. Available from: <http://www.theicct.org/publications/GHG-emissions-global-shipping-2013-2015> Reducing greenhouse gas (GHG) emissions is the key to avoiding the most catastrophic impacts of climate change. [Report](#)  [Detailed methodology](#)  [Supplemental material](#) 

Whac-A-Mole on the high seas: The curious case of ship emissions. *International Council on Clean Transportation (ICCT)*. 18 October 2017. Available from: <http://www.theicct.org/blog/staff/whac-a-mole-on-the-high-seas> If you're old enough to remember analog arcade games you might remember the game Whac-A-Mole.

Global shipping emissions rise as IMO meets to discuss climate action. *International Council on Clean Transportation (ICCT)*. 17 October 2017. Available from: <http://www.theicct.org/news/study-global-shipping-emissions-rise> Emissions of greenhouse gases (GHGs) from global shipping are on the rise again, according to a study released today by the International Council on Clean Transportation (ICCT).

Global pollution kills 9m a year and threatens 'survival of human societies'. By Damian Carrington. *The Guardian*. 20 October 2017. Available from: <https://www.theguardian.com/environment/2017/oct/19/global-pollution-kills-millions-threatens-survival-human-societies> Landmark study finds toxic air, water, soils and workplaces kill at least 9m people and cost trillions of dollars every year.

Norway sets up new fund to combat marine litter: Asia and Africa among likely early beneficiaries. *South African Maritime Safety Authority (SAMSA)*. 23 October 2017. Available from: <https://blog.samsa.org.za/2017/10/23/norway-sets-up-new-fund-to-combat-marine-litter-asia-and-africa-among-likely-early-beneficiaries/> The battle against global marine pollution has been given a massive boost following an announcement by the Norwegian government of the setup of a fund totalling NOK150-million (or R258-million) for use in efforts to combat marine waste.

One in ten vessels violates sulfur rules in Swedish and Danish waters. By Katrine Grønvald Raun. *ShippingWatch*. 24 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9972630.ece> Around 90 percent of the vessels in Swedish and Danish waters comply with the sulfur requirements from 2015, shows a new study from the Chalmers University of Technology in Gothenburg, Sweden. A pattern is forming for the sulfur sinners, according to a professor.

Shipping company admits to port nurdle accident. By Duncan Guy. *IOL (South Africa)*. 28 October 2017. Available from: <https://www.iol.co.za/ios/news/shipping-company-admits-to-port-nurdle-accident-11751332> The Mediterranean Shipping Company has taken responsibility for the nurdle pollution crisis along the South African coastline after the October 10 super storm.

MSC supports South African beach clean-up after Durban storms. *Mediterranean Shipping Company (MSC)*. 28 October 2017. Available from: <https://www.msc.com/zaf/press/press-releases/2017-october/msc-supports-south-african-beach-clean-up-after-du>
MSC Mediterranean Shipping Company, a global container shipping line, is assisting with the clean-up of beaches near Durban Harbour following the freak storm earlier this month.

HEALTH



Britannia P&I Club sponsors Wellness at Sea App. *Sailors' Society*. 10 October 2017. Available from: <https://www.sailors-society.org/about-us/press-room/britannia-app/> Britannia P&I Club has agreed to sponsor the Wellness at Sea app from maritime welfare charity Sailors' Society.

Medical care, anywhere and always. *Port of Rotterdam*. 9 October 2017. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/medical-care-anywhere-and-always> Provide the best medical care when there's no doctor around.

IMO

New climate battle to take off at the IMO next week. By Louise Vogdrup-Schmidt. *ShippingWatch*. 19 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9963100.ece> The world's nations will once again attempt to tackle reducing maritime CO2 emissions.

IMO must be bold but cautious. By Simon Bennett. *Lloyd's List*. 19 October 2017. Available from: <https://loydslist.maritimeintelligence.informa.com/LL111950/IMO-must-be-bold-but-cautious> IMO member states will need to send a clear message to the world at large while keeping developing nations on board.

Corporate capture of the IMO. *InfluenceMap*. 23 October 2017. Available from: <http://www.goo.gl/HP9dar> Despite being responsible for close to 3% of global greenhouse gas emissions, the shipping sector remains outside of the UN Paris Agreement on climate. [Corporate capture of the International Maritime Organization](#)  [Infographic](#) 

UN shipping climate talks 'captured' by industry lobbyists . By Megan Darby. *Climate Home*. 23 October 2017. Available from: <http://www.climatechangenews.com/2017/10/23/un-shipping-climate-talks-captured-industry/> Business interests dominate at the International Maritime Organization, analysis shows, steering it towards weak greenhouse gas emissions rules.

Corporate Capture of the IMO? *Maritime Executive*. 23 October 2017. Available from: <https://www.maritime-executive.com/editorials/corporate-capture-of-the-imo> A new report by U.K.-based InfluenceMap has accused prominent shipping industry organizations of aggressive lobbying to obstruct climate change action – a claim the organizations deny.

Massive divergence on emission cuts laid bare. By Sam Chambers. *Splash 24/7*. 24 October 2017. Available from: <http://splash247.com/massive-divergence-emission-cuts-laid-bare/> Splash has gained an exclusive infographic of the divergent views from IMO member states and top shipping organisations on shipping emission cut proposals.


A statement from the Secretary-General of the International Maritime Organization.

International Maritime Organization (IMO). 25 October 2017. Available from: <http://www.imo.org/en/MediaCentre/SecretaryGeneral/Pages/Default.aspx> Recent media reports have questioned the transparent, inclusive approach adopted by all stakeholders with an interest in addressing the threat of climate change through the IMO, the global regulator of shipping, and the body most able to deliver uniform, global solutions in the spirit of the 2015 Paris Agreement.

Statement of the World Shipping Council on the InfluenceMap Report on the IMO Carbon Debate.

Hellenic Shipping News. 25 October 2017. Available from: <http://www.hellenicshippingnews.com/statement-of-the-world-shipping-council-on-the-influencemap-report-on-the-imo-carbon-debate/> The InfluenceMap "study" on the IMO's greenhouse gas debate released today seriously misrepresents the World Shipping Council's approach to reducing carbon emissions from shipping.

InfluenceMap's response to IMO and trade association comments on our report: Corporate capture of the IMO.

InfluenceMap. 25 October 2017. Available from: https://influencemap.org/site/data/000/302/Press_Release-Trade_Association_Response.pdf  Following today's statement from the UN International Maritime Organisation (IMO) Secretary General and recent comments from industry trade associations, InfluenceMap would like to offer the following response.

IMO pushes back on allegations of corporate bias. By John Gallagher.

Fairplay. 25 October 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4293251/imo-pushes-back-on-allegations-of-corporate-bias> Organisations represented at the International Maritime Organization (IMO) cover an array of views on climate change and are not weighted toward shipowners, IMO Secretary-General Kitack Lim has asserted.

Industry fights back amid environmental lobbying accusations.

By Anastassios Adamopoulos. *Lloyd's List*. 25 October 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL112036/Industry-fights-back-amid-environmental-lobbying-accusations> A number of companies accused of opaque lobbying tactics at the IMO have refuted the allegations, while the IMO itself has sought to clarify the role that companies, NGOs and trade associations play in its decision making process.

Countries must take back control of the International Maritime Organisation.

Pacific Islands News Association (Fiji). 25 October 2017. Available from: <http://www.pina.com.fj/index.php?p=pacnews&m=read&o=53850073659f159901320cc68d3351> The talks at the International Maritime Organisation (IMO) this week at the 2nd meeting of the Intersessional Working Group on Reduction of Emissions from Ships do not seem to be going well for the maritime transport sector to do its fair share in cutting Greenhouse Gas emissions under the targets of the Paris Agreement.

Can we be honest about the damage we are all doing? By Andrew Craig-Bennett.

Splash 24/7. 26 October 2017. Available from: <http://splash247.com/can-honest-damage/> Amongst this week's contributions to the gaiety of nations we may include the attempt by our industry's lobbying bodies to tell the world that they do not do what we pay them to do – influence national and international policy in favour of people who own and operate merchant ships.

Shipping executive: 'We have deliberately misled public on climate'. By Karl Mathiesen. *Climate Home*. 26 October 2017. Available from: <http://www.climatechangenews.com/2017/10/26/shipping-executive-deliberately-mislead-public-climate/> Industry veteran said lobbyists at UN shipping talks were 'prostitutes employed by our racket to try and put one over on the general public'.

InfluenceMap presents its most powerful evidence against IMO. By Tomas Kristiansen. *ShippingWatch*. 26 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9979642.ece> ShippingWatch has asked InfluenceMap to present documentation to back its argument that commercial interests are intentionally delaying climate regulation at the IMO level.

Connecting ships, ports and people: World Maritime Day 2017 theme. By Usman Ansari. *News International (Pakistan)*. 1 October 2017. Available from: <https://www.thenews.com.pk/print/233843> World Maritime Day is conceived from collaboration between the International Maritime Organisation (IMO) and its parent body the United Nations.

World Maritime Day 2017 Celebration in Vancouver and Menon Economics. *BC Shipping News (Canada)*. 2 October 2017. Available from: <http://www.bcshippingnews.com/home/industry-news/world-maritime-day-2017-celebration-vancouver-and-menon-economics> The Vancouver International Maritime Centre (VIMC) in collaboration with Keesal Young & Logan (KYL) hosted a complimentary seminar and lunch to celebrate World Maritime Day 2017 in Vancouver with presentations supporting the 2017 International Maritime Organization (IMO) theme "Connecting Ships, Ports and People".

The Government impulses Panama maritime sector to maintain world leadership. *Government of Panama*. 2 October 2017. Available from: <https://www.presidencia.gob.pa/en/News/The-Government-impulses-Panama-maritime-sector-to-maintain-world-leadership> The strategic position and the services provided by the Panama Canal are aspects that impulse the growth of the maritime sector from the country to the exterior, said President Juan Carlos Varela.

Shipping to gov'ts: Submit proposals supporting IMO's GHG program. **By Romelda Ascutia.** *Port Calls Asia*. 2 October 2017. Available from: <https://www.portcalls.com/shipping-govts-submit-proposals-supporting-imos-ghg-program/> The International Chamber of Shipping (ICS) is calling on governments to present their proposals in support of the greenhouse gas (GHG) reduction drive of the International Maritime Organization (IMO), saying the shipping industry has already done so.

The falsehoods of IMO's energy efficiency design index. By Faig Abbasov, Aviation and Shipping Officer, Transport & Environment. *Splash 24/7*. 4 October 2017. Available from: <http://splash247.com/falsehoods-imos-energy-efficiency-design-index/> Imagine writing a diet plan to lose weight where your calorific targets consistently exceeded what you were actually eating.

World Maritime Day celebrated in Cook Islands. By David Sexton. *Lloyd's List Australia*. 4 October 2017. Available from: <http://www.thedcn.com.au/world-maritime-day-celebrated-in-cook-islands/> Avatiu Harbour was the setting for World Maritime Day celebrations in the Cook Islands, South Pacific.

Indigenous ship owners groan as IMO celebrates World Maritime Day. By Tola Adenubi. *Nigerian Tribune*. 5 October 2017. Available from: <http://www.tribuneonlineng.com/indigenous-ship-owners-groan-imo-celebrates-world-maritime-day/> Indigenous ship owners in Nigeria have continued to groan and wallow in huge financial indebtedness and lack of jobs even as the International Maritime Organisation (IMO) celebrated 2017 World Maritime Day amid pomp and pageantry.

Shipping, ports role significant in maritime trade¹. By Wilona Ravato. *Fiji Sun Online*. 4 October 2017. Available from: <https://fijisun.com.fj/2017/10/04/shipping-ports-role-significant-in-maritime-trade/> Shipping and ports can play a significant role in helping to create conditions for increased employment, prosperity and stability through promoting maritime trade.

Ghana Maritime Authority and Regional Maritime University celebrate World Maritime Day. By Solomon Anderson. *GhanaWeb*. 4 October 2017. Available from: <http://www.goo.gl/dvCAAK> The Ghana Maritime Authority in collaboration with the Regional Maritime University has marked the 2017 World Maritime Day which was aimed at connecting ships, ports and people.

NIMASA Institutes essay competition to commemorate World Maritime Day. By Isichei Osamgbi. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 5 October 2017. Available from: <http://www.nimasa.gov.ng/press-center/post/nimasa-institutes-essay-competition-to-commemorate-world-maritime-day> As part of activities marking the 2017 World Maritime Day Celebration, the Management of the Nigerian Maritime Administration and Safety Agency (NIMASA) has approved the institution of an essay competition to commemorate the event.

Shipping faces fresh EU pressure on emissions. By Anastassios Adamopoulosb. *Lloyd's List*. 5 October 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL111759> A potential turning point in favour of including shipping in the soon-to-be-revised European Union Emissions Trading System will be reached on Friday.

Interview: IMO Secretary-General Kitack Lim: «Russia has always been one of IMO major Member States». By Nadezhda Malysheva. *Port News*. 4 October 2017. Available from: <http://en.portnews.ru/comments/2399/> In his exclusive interview with IAA PortNews in Moscow, IMO Secretary-General Kitack Lim covered a wide range of IMO activities: fuel and environmental regulations, Polar Code, autonomous ships, cybersecurity, etc.

How the IMO's Global Industry Alliance is promoting a low-carbon future for shipping. *Ship-Technology.Com*. 11 October 2017. Available from: <http://www.ship-technology.com/features/featurehow-the-imos-global-industry-alliance-is-promoting-a-low-carbon-future-for-shipping-5943170/> Under increasing scrutiny from politicians looking to meet the requirements of the 2015 Paris Agreement, the International Maritime Organization (IMO) is stepping up its efforts to reduce carbon emissions in the shipping industry.

Efforts to ban heavy fuel oil in the Arctic gather steam. By Levon Sevunts. *Radio Canada International (RCI)*. 10 October 2017. Available from: <http://www.rcinet.ca/en/2017/10/10/efforts-to-ban-heavy-fuel-oil-in-the-arctic-gather-steam/> The international campaign to end the use of heavy fuel oil (HFO) by ships plying the waters of the increasingly accessible Arctic is gathering steam ahead of an important meeting of the world maritime body next year.

MTCC-Asia first regional workshop was held in Shanghai. *Shanghai Maritime University.* 10 October 2017. Available from:

http://en.shmtu.edu.cn/controller.asp?action=detail_en&tid=0060&id=1710100001

On September 18th, the MTCC-Asia First Regional Workshop was held in Shanghai.

Dr. Jose Matheickal, Deputy Director of Marine Environment Division of IMO visited SMU and gave a lecture. *Shanghai Maritime University.* 10 October 2017. Available from:

http://en.shmtu.edu.cn/controller.asp?action=detail_en&tid=0060&id=1710100002

On September 19th, Dr. Jose Matheickal, Deputy Director of Marine Environment Division of IMO, visited SMU.

Saudi Arabia supports the IMO for promoting fight against maritime piracy and funds IMLI and WMU. *Hellenic Shipping News.* 17 October 2017. Available from:

<http://www.hellenicshippingnews.com/saudi-arabia-supports-the-imo-for-promoting-fight-against-maritime-piracy-and-funds-imli-and-wmu/>

Public Transport Authority (PTA) has confirmed that the Kingdom is at the forefront of the international scene in support of maritime safety and the security of the maritime transport environment through its great attention to countering the phenomenon of maritime piracy as its presence comes in line with its responsibility towards its coastline extending to 2,400 km on the Red Sea in the Kingdom's west and extends 1000 km to its east on the coast of the Arabian Gulf.

Biofouling moves up the regulatory agenda. By Kristin Urdahl. *Gard.* 24 October 2017.

Available from: <http://www.gard.no/web/updates/content/24305557/biofouling-moves-up-the-regulatory-agenda> The IMO shifts its attention to biofouling with the recent launch of the GloFouling Partnerships project.

Clock ticking as divergent emission divisions remain. By Sam Chambers. *Splash 24/7.*

30 October 2017. Available from: <http://splash247.com/clock-ticking-as-divergent-emission-divisions-remain/> After one of the more contentious environmental gatherings held at the International Maritime Organization (IMO) last week concern is growing that shipping will fail to find consensus on CO2 cuts when the Marine Environment Protection Committee (MEPC) meets in April next year.

LAW AND POLICY

Vessels still flying Cambodia flag. By Kali Kotoski. *Phnom Penh Post (Cambodia).*

29 September 2017. Available from: <http://www.phnompenhpost.com/business/vessels-still-flying-cambodia-flag> It has been a year since the government rescinded its notorious flags of convenience scheme yet foreign-owned ships appear to be flying the Cambodian flag with impunity, raising questions about whether the government has the resolve to fully abandon the controversial practice that allows merchant ships to avoid restrictions and financial charges in their home countries.

Inside NIMASA's Turnaround. *This Day Live (Nigeria).* 29 September 2017. Available from:

<https://www.thisdaylive.com/index.php/2017/09/29/inside-nimasas-turnaround/>

After a recessionary period triggered by declining oil prices, Africa's biggest economy has chosen an aggressive diversification route, to sustain its buoying economy.

Hearings begin on proposal for first offshore oil project in federal arctic waters.


Center for Biological Diversity. 2 October 2017. Available from:

http://www.biologicaldiversity.org/news/press_releases/2017/arctic-drilling-10-02-2017.php



A series of hearings opens in Alaska today on a proposal by Hilcorp Alaska to build an artificial oil drilling island and underwater pipeline in the Beaufort Sea.

EU leads the way with ambitious action for cleaner and safer seas. *European Commission.* 5 October 2017. Available from: http://europa.eu/rapid/press-release_MEMO-17-3588_en.htm
At the ongoing EU-hosted Our Ocean conference in Malta (5-6 October), the European Union has committed to 36 tangible actions to foster healthier, cleaner, safer and more secure seas.


Ghana is committed to fighting illegal fishing—Chief Director. *By Alexander Nyarko Yeboah.* *Ghana News Agency (GNA).* 4 October 2017. Available from: <http://www.ghananewsagency.org/economics/ghana-is-committed-to-fighting-illegal-fishing-chief-director--123065> The Chief Director of the Ministry of Fisheries and Aquaculture Development says there has been a decline in fish production in Ghana even though fishing capacity has increased.

Tanker master convicted of smuggling during salvage ops [Agia Zoni II]. *Maritime Executive.* 3 October 2017. Available from: <http://maritime-executive.com/article/tanker-master-convicted-of-smuggling-during-salvage-ops> 
The master of the small product tanker *Lassea* has been given a two-year suspended prison sentence for his involvement in smuggling fuel during a salvage operation.

European Union leads the way on global actions for better governance of the oceans. *European Commission.* 6 October 2017. Available from: http://europa.eu/rapid/press-release_IP-17-3603_en.htm The European Commission has announced over €550 million of EU-funded initiatives to tackle global oceans challenges, at the Our Ocean Conference 2017 in Malta, co-hosted by High Representative/Vice-President Federica Mogherini and Karmenu Vella, Commissioner for Environment, Maritime Affairs and Fisheries.

Global insurers unite to cut financial lifeline to pirate fishing. *Oceana.* October 2017. Available from: <http://eu.oceana.org/en/press-center/press-releases/global-insurers-unite-cut-financial-lifeline-pirate-fishing> 
Leading insurers from around the world have committed to take action on pirate fishing, an unlawful practice that costs the global economy tens of billions of dollars in losses every year and contributes to overfishing and the destruction of vital marine habitats and ecosystems. [Assisting ocean stewardship through marine insurance](#) 

Frontex, the European Border and Coast Guard Agency, after one year. *Frontex European Border and Coast Guard Agency.* 6 October 2017. Available from: <http://frontex.europa.eu/news/frontex-the-european-border-and-coast-guard-agency-after-one-year-OB6UIM> One year ago, the European Border and Coast Guard regulation entered into force, bringing to life the European Border and Coast Guard Agency.

Appalled relatives step up Chennai Six campaign. *Maritime Executive.* 4 October 2017. Available from: <http://maritime-executive.com/editorials/appalled-relatives-step-up-chennai-six-campaign> 
Relatives of the six British veterans imprisoned in India are marking the fourth anniversary of the mens' arrest from the *Seaman Guard Ohio* by stepping up the campaign to free them.

Seven arrested after 3.7 tonne Atlantic cocaine bust. *UK National Crime Agency.* 7 October 2017. Available from: <http://www.nationalcrimeagency.gov.uk/news/1210-seven-arrested-after-3-7-tonne-atlantic-cocaine-bust> An international law enforcement operation has resulted in the seizure of close to four tonnes of cocaine from a vessel in the mid-Atlantic.

UN bans 4 ships from global ports for violating N Korea sanctions. *BBC News.* 10 October 2017. Available from: <http://www.bbc.co.uk/news/business-41563480>
Hugh Griffiths, head of a UN panel on North Korean sanctions, said the ships had been "transporting prohibited goods".

Ships face UN port ban over North Korea ties. By Dale Wainwright. *TradeWinds*. 10 October 2017. Available from: <http://www.tradewindsnews.com/casualties/1361607/ships-face-un-port-ban-over-north-korea-ties> The United Nations has reportedly issued a global port ban against four ships accused of violating sanctions imposed on North Korea.

Coast Guard to revise sea lanes to protect Tubbataha. By Evelyn Macairan. *Philippine Star*. 12 October 2017. Available from: <http://www.philstar.com/science-and-environment/2017/10/12/1747761/coast-guard-revise-sea-lanes-protect-tubbataha> The Philippine Coast Guard (PCG) will propose alternate sea lanes to prevent vessels from passing near Tubbataha Reef in Palawan and spare it from possible marine pollution.

Norway proposes fuel ban to prevent sulfur cheating. By Katrine Grønvald Raun. *ShippingWatch*. 11 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9940889.ece> Going forward, it could become illegal for vessels to carry fuel on board with sulfur contents exceeding 0.5 percent.

EU closes doors to North Korean yard workers. *ShippingWatch*. 13 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9948102.ece> EU will stop issuing work permits to North Korean citizens in order to stop the use of forced labourers in European countries.

Serial crew abandonment offender Varun banned from UAE waters. By Sam Chambers. *Splash 24/7*. 13 October 2017. Available from: <http://splash247.com/serial-crew-abandonment-offender-varun-banned-uae-waters/> On Tuesday IMO secretary general Kitack Lim used the Splash crew abandonment campaign as a platform to call for greater cooperation with port and flag states to help fight the scourge.

Cook Islands signs ocean deal with EU. *Cook Islands News*. 12 October 2017. Available from: <http://www.cookislandsnews.com/national/local/item/66216-cook-islands-signs-ocean-deal-with-eu> The European Union has decided on a special emphasis for Pacific and European Union countries working together under the \$74 million Marine Partnership (PEUMP) programme to be implemented in 15 Pacific ACP countries.

Commentary: Singapore's ASEAN chairmanship a chance to make practical progress on South China Sea. *Channel News Asia*. 15 October 2017. Available from: <http://www.channelnewsasia.com/news/singapore/commentary-singapore-asean-chairman-south-china-sea-9270112> 2017 marks a challenging year for ASEAN, the same year that ushers in 50 years since the organisation was formed.

Council conclusions on the Paris Agreement and preparations for the UNFCCC meetings. *European Council*. 13 October 2017. Available from: <http://www.consilium.europa.eu/en/press/press-releases/2017/10/13-conclusions-paris-agreement-and-unfccc-meetings/> Underlines the crucial importance of a rules-based global order, with multilateralism as its key principle and the United Nations at its core for a peaceful and sustainable world.

Regional Collaboration: Nigeria – Ghana sign MOU on maritime operations. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 17 October 2017. Available from: <http://www.nimasa.gov.ng/press-center/post/regional-collaboration-nigeria-ghana-sign-mou-on-maritime-operations> In line with its vision to enhance regional integration to develop capacity, the Nigerian Maritime Administration and Safety Agency, NIMASA, has signed a Memorandum of Understanding (MoU) with the Ghanaian Maritime Authority, GMA.

83 countries are more ocean than land. By Nishan Degnarain and Gregory S. Stone.

World Economic Forum. 16 October 2017. Available from:

<https://www.weforum.org/agenda/2017/10/global-ocean-governance-all-at-sea> The 1982 UN Law of the Sea was the largest ever annexation of our planet and our ocean.

International maritime agreement seminar on safety of fishermen and vessels globally underway in Cape Town.

South African Maritime Safety Authority (SAMSA). 16 October 2017.

Available from: <http://www.goo.gl/oEUqsh> As many as 58 States attended the founding of the agreement in Cape Town in 2012.

Timor-Leste and Australia reach agreement on treaty text reflecting 30 August Comprehensive Package Agreement.

Permanent Court of Arbitration. 15 October 2017.

Available from: <https://pca-cpa.org/wp-content/uploads/sites/175/2017/10/20171015-Press-Release-No-10-EN.pdf> Through a series of confidential meetings with the Conciliation Commission in The Hague this past week, Timor-Leste and Australia have reached agreement on the complete text of a draft treaty as anticipated in the Comprehensive Package Agreement of 30 August 2017 (the "30 August Agreement").

Safety matters: How stopping illegal fishing can save lives. By Julie Janovsky.

Pew Charitable Trusts. 16 October 2017. Available from: <http://www.pewtrusts.org/en/research-and-analysis/blogs/compass-points/2017/10/16/safety-matters-how-stopping-illegal-fishing-can-save-lives> Safety always matters, but in some activities-industrial fishing, for example-the consequences of unsafe practices can be swift and tragic.

Senior Arctic Officials gather for first meeting during Finland's Arctic Council Chairmanship.

Arctic Council. 18 October 2017. Available from: <http://www.arctic-council.org/index.php/en/our-work/2-8-news-and-events/474-sao-oulu-2017-01>

On 25-26 October 2017, the Arctic Council will gather in Oulu, Finland for the first Senior Arctic Officials' meeting held during the Chairmanship of Finland (2015-2017).

Ship's captain fined after vessel grounds at Rathlin Island.

UK Maritime & Coastguard Agency. 18 October 2017. Available from: <http://hmcoastguard.blogspot.co.uk/2017/10/ships-captain-fined-after-vessel.html>

The captain of a Dutch motor vessel that ran aground at Rathlin Island has been fined £1,000 at Armagh Magistrate's Court after pleading guilty to failing to keep a proper look out.

Int'l compensation agency heralded as two beaches opened after spill.

Ekathimerini (Greece). 19 October 2017. Available from:

<http://www.ekathimerini.com/222585/article/ekathimerini/news/intl-compensation-agency-heralded-as-two-beaches-opened-after-spill> The International Oil Pollution Compensation Fund (IOPC) will be opening an office in Greece for the first time, Deputy Shipping Minister Nektarios Santorinios announced on Thursday, saying the agency will address claims from businesses that incurred losses as a result of the recent *Agia Zoni II* oil spill.

Funding for the Africa's ocean economy projects.

Government of South Africa.

19 October 2017. Available from: <http://www.sanews.gov.za/south-africa/funding-africas-ocean-economy-projects> A total of US\$50 000 is to be allocated to projects in support of African oceans economy projects under the 2050 African Integrated Maritime Strategy.

Ghana, Côte d'Ivoire sign ITLOS MoUs.

Government of Ghana. 17 October 2017.

Available from: <http://www.ndpc.gov.gh/news/1357/> The governments of Ghana and Côte d'Ivoire have signed the Joint Commission for implementation of the ITLOS Agreement.

Commission warns Vietnam over insufficient action to fight illegal fishing.

European Commission. 23 October 2017. Available from: http://europa.eu/rapid/press-release_IP-17-4064_en.htm The European Commission is continuing its fight against illegal, unreported and unregulated (IUU) fishing worldwide by warning Vietnam, with a "yellow card", about the risk of it being identified as a non-cooperating country.

Queensland to introduce mandatory GPS trackers for commercial fishermen to track sustainable catch. By Eric Barker .

ABC (Australia). 19 October 2017. Available from: <http://www.abc.net.au/news/rural/2017-10-20/queensland-introduce-mandatory-gps-trackers-commercial-fishing/9066936> Queensland commercial fishermen are set to be affected by some major changes, with GPS trackers to be fitted to all boats.

In Oxford, experts pitch to resolve South China Sea row. By Rose Eclarinal and Marco Pajo.

ABS-CBN News (Philippines). 24 October 2017. Available from: <http://news.abs-cbn.com/focus/10/24/17/in-oxford-experts-pitch-to-resolve-south-china-sea-row> Scholars and experts in maritime affairs, international relations and law of the sea gathered at the University of Oxford to offer new approaches to resolve maritime disputes in the South China Sea.

Arrest Warrant for Italian Bunker Executive over Alleged Link to Libyan Fuel Smuggling Probe.

Ship & Bunker. 23 October 2017. Available from: <https://shipandbunker.com/news/emea/468600-arrest-warrant-for-italian-bunker-executive-over-alleged-link-to-libyan-fuel-smuggling-probe> An arrest warrant has been issued for Marco Porta, the chief operating officer of Italian bunker company Maxcon Bunker, as part of an investigation by the Italian authorities into alleged Libyan fuel smuggling activities.

Caribbean States improve ability to prosecute fisheries cases.

INews Cayman (Cayman Islands). 25 October 2017. Available from: <http://www.iyenews.com/wordpress/caribbean-states-improve-ability-to-prosecute-fisheries-cases/> Twenty border control officers from six Member States of the Caribbean Regional Fisheries Mechanism (CRFM) completed a three-week training course in Fisheries Prosecution and Interdiction, organized by the Barbados-based Regional Security System (RSS) in collaboration with the CRFM Secretariat, the Government of Barbados and the British Royal Navy's Fisheries Protection Squadron.

Trident on sulfur cheating: There must be consequences – unlike today.

By Katrine Grønvald Raun. *ShippingWatch*. 26 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9978796.ece> It comes as no surprise that numerous vessels cheat in terms of sulfur emissions.

MARINE TECHNOLOGY

ShipNext: LevelSeas meets Uber?

Splash 24/7. 2 October 2017. Available from: <http://splash247.com/shipnext-levelseas-meets-uber/> Monday's Maritime CEO interview sees a Ukrainian maritime magnate lay claim to having developed the Uber of shipping, the Holy Grail for many in maritime IT development.

"There are several risks and pitfalls surrounding scrubber technology". By Anne Louise Houmann.

ShippingWatch. 4 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9922352.ece> "Maersk is not on the scrubber team," began Marc Refsø Holm, Leader of the US Fuel Desk at Maersk Oil Trading, in a comment at a conference in New York on Monday.

Rolls-Royce joins forces with Google Cloud to help make autonomous ships a reality.

Rolls-Royce. 3 October 2017. Available from: <http://www.goo.gl/Z87iBg> Rolls-Royce has signed a deal with Google to develop further its intelligent awareness systems which are making existing vessels safer and are essential to making autonomous ships a reality.

Wärtsilä uses start-up mindset to accelerate Intelligent Vessel outcomes.

Wärtsilä Corporation. 11 October 2017. Available from: <https://www.wartsila.com/usa/media/news/11-10-2017-wartsila-uses-start-up-mindset-to-accelerate-intelligent-vessel-outcomes>

Wärtsilä opens the first of four Digital Acceleration Centres to speed up the innovation and co-creation with customers on a range of new business models and solutions, including the industry's most advanced intelligent vessel and other ground-breaking projects.

The end of the paper chase: DNV GL to roll out electronic certificates across entire fleet.

DNV GL. 16 October 2017. Available from: <https://www.dnvgl.com/news/the-end-of-the-paper-chase-dnv-gl-to-roll-out-electronic-certificates-across-entire-fleet-102856> For the past few years, DNV GL has been working on pilot projects with several owners and flag administrations, to test and gain acceptance for the use of electronic certificates.

Seventh IMO seminar in SA on fishermen safety globally hopeful of Africa support.

South African Maritime Safety Authority (SAMSA). 17 October 2017. Available from: <https://blog.samsa.org.za/2017/10/17/seventh-imo-seminar-in-sa-on-fishermen-safety-globally-hopeful-of-africa-support/> Also counting on a more favorable support from fellow African countries is South Africa, the first among seven countries worldwide to formally ratify the 'Cape Town Agreement' – named as such as it was founded in the Western Cape city of South Africa by as many as 58 countries in 2012.

MARITIME SAFETY

MAIB safety digest: volume 2, 2017: Analyses of marine accidents involving vessels from the merchant, fishing and recreational sectors.

UK Marine Accident Investigation Branch (MAIB). 2 October 2017. Available from: <https://www.gov.uk/government/publications/maib-safety-digest-volume-2-2017> Analyses of marine accidents involving vessels from the merchant, fishing and recreational sectors.

What is safety culture?

UK Chamber of Shipping. 2 October 2017. Available from: <https://www.ukchamberofshipping.com/latest/what-safety-culture/> "When even the master doesn't bother to look out of the bridge windows when leaving port, you probably have a problem with your safety culture," said Steve Clinch, chief inspector of marine accidents for the Marine Accident Investigation Branch (MAIB), in a presentation to the UK Chamber of Shipping's recent Safety Culture at Sea event.


MSC Cruises installs smart video surveillance system.

Maritime Executive. 10 October 2017. Available from: <http://maritime-executive.com/article/msc-cruises-installs-smart-video-surveillance-system> MSC Cruises has developed a new video surveillance system that will allow for rapid intervention in man overboard situations.

What can railways teach shipping about safety culture?

UK Chamber of Shipping. 11 October 2017. Available from: <https://www.ukchamberofshipping.com/latest/what-can-railways-teach-shipping-about-safety-culture/> The UK's railways are statistically 12 times safer than those in France and Germany, and data shows that when you take a mainline train in Great Britain, you are around 1,400 times safer than were you travelling by motorcycle.

Joint industry publication sets out Guidelines for the carriage of Charcoal and Carbon in Containers. *International Group of Protection & Indemnity Clubs (IGP&I)*. 11 October 2017.

Available from: <https://www.igpandi.org/article/guidelines-carriage-charcoal-carbon-containers>
New Guidelines for the carriage of Charcoal and Carbon in containers have been published jointly by CINS (the Cargo Incident Notification System) and the International Group of P&I Clubs. [CINS Guidelines](#) 

TT Talk - Increasing industry controls in relation to dangerous goods. *TT Club*.

10 October 2017. Available from: <https://www.ttclub.com/loss-prevention/tt-talk/article/tt-talk-increasing-industry-controls-in-relation-to-dangerous-goods-140969/> In a week during which yet another cargo-related containership fire took place, it is timely to draw attention to on-going industry developments to improve controls in the carriage of dangerous goods by sea.

26 million hazardous containers. By Marco Wölfli. *International Transport Journal (ITJ)*. 17 October 2017. Available from: <https://www.transportjournal.com/en/home/news/artikeldetail/26-million-hazardous-containers.html> The cargo transport unit code, or CTU code for short, was introduced in 2014, in order to define guidelines for the safe packaging of goods in containers.

13 Stowaways Arrive at Algeciras Port in Maersk Containers . *World Maritime News*.

18 October 2017. Available from: <http://worldmaritimeneeds.com/archives/232709> The men spent two weeks inside two open-top containers aboard the Liberia-flagged boxship Panther, which departed Ghana on October 6, according to media reports.

Where regulation theory and practice fall down. By Malcolm Latache. *ShipInsight*.

17 October 2017. Available from: <https://shipinsight.com/regulation-theory-practice-fall/>
Last week INTERCARGO - the dry cargo shipowners' association's - Technical and Executive Committees met in Athens with a number of issues on the agenda.

Dozens of Vessels Violate Safety Rules on Northern Sea Route. By Malte Humpert.

High North News (Norway). 19 October 2017. Available from: <http://www.highnorthnews.com/dozens-of-vessels-violate-safety-rules-on-northern-sea-route/>
During the first ten months of 2017, the Russian Northern Sea Route (NSR) Administration recorded 88 violations of its Rules of Navigation committed by 84 vessels.

Girl's fatal fall aboard cruise ship in Miami raises concerns over safety.

By Frederick Kunkle. *Chicago Tribune*. 22 October 2017. Available from: <http://www.chicagotribune.com/news/nationworld/ct-miami-cruise-ship-death-20171022-story.html> A child's fatal fall aboard a cruise ship a week ago appears to be an unusual accident, but it still may raise concerns about safety for potential passengers traveling with children

Maersk: Market for cyber insurance is unripe. By Jakob Skouboe, ITWatch and Michael Duelund, FinansWatch. *ShippingWatch*. 26 October 2017. Available from:

<http://shippingwatch.com/secure/carriers/article9978384.ece> The market for cyber insurances is new and plagued by immaturity, says Maersk, which has been hit by hacker attacks in the past. Insurance broker agrees with the Danish transport company.

MARITIME SECURITY

Maritime Security Task Force monitors vessels found to have 'malignant intent': Ng Eng Hen. By Aqil Haziq Mahmud. *Channel News Asia*. 2 October 2017. Available from: <http://www.channelnewsasia.com/news/singapore/maritime-security-task-force-monitors-vessels-found-to-have-9270204> The Maritime Security Task Force (MSTF) closely monitors and could even board vessels that are found to have ill-intent towards Singapore, Defence Minister Ng Eng Hen said in Parliament on Monday (Oct 2).

Policed maritime corridor will protect merchant ships passing through Gulf from pirates. By Ramola Talwar Badam. *The National (United Arab Emirates)*. 30 September 2017. Available from: <https://www.thenational.ae/uae/policed-maritime-corridor-will-protect-merchant-ships-passing-through-gulf-from-pirates-1.662826> Naval forces have demarcated a corridor in the Gulf of Aden and Bab el Mandab that warships will police to allow merchant ships safe passage from high speed boats laden with explosives, a spillover from the conflict in Yemen, and pirates.

That's enough theory – let's get on with the practice. By Ian Millen. *Splash 24/7*. 5 October 2017. Available from: <http://splash247.com/thats-enough-theory-lets-get-practice/> London International Shipping Week saw the publication of the latest Cyber Security guidance document, when Lord Calanan of the UK Department of Transport (DfT) launched the 'Cyber Security for Ships Code of Practice'.

ASEAN-EU Co-Chairs Joint Press Release on the 4th ASEAN-EU High-Level Dialogue on Maritime Security Cooperation. *European Union*. 6 October 2017. Available from: <https://eeas.europa.eu/delegations/association-southeast-asian-nations-asean/33406> ASEAN Member States and the European Union warmly welcome the successful outcome of the 4th EU-ASEAN High Level Dialogue (HLD) on Maritime Security Cooperation, which was held on 05-06 October 2017 in Manila.

Nat'l Cybersecurity Awareness Month – Shipboard cyber risk management. By Kevin Kuhn. *US Coast Guard Maritime Commons*. 9 October 2017. Available from: <http://www.goo.gl/vDJWP1> On June 19th, a vessel transiting the Black Sea reported a crippling GPS disruption.

Maritime Cyber Security: No Substitute for Testing. By Chronis Kapalidis. *Chatham House Royal Institute of International Affairs*. 12 October 2017. Available from: <https://www.chathamhouse.org/expert/comment/maritime-cyber-security-no-substitute-testing> It is not a matter of if you will be attacked, but when.

Maersk still noting consequences of cyber attack. By Tomas Kristiansen. *ShippingWatch*. 12 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9943378.ece> Even though Maersk has already used significant resources handling the consequences of this summer's cyber attack, the group can still not yet say that everything is back to normal.

Introducing Stable Seas: A new effort to measure and map maritime security in sub-Saharan Africa. *Stable Seas Maritime Security Index*. October 2017. Available from: <http://stableseas.org/overview/> By bringing diverse challenges like piracy, smuggling, and capacity-building into one comprehensive analysis, we can better understand how these issues intersect to affect maritime security.

Tanker group among early adopters of cyber security system . By Jamey Bergman.

Tanker Shipping & Trade. 16 October 2017. Available from:

http://www.tankershipping.com/news/view,tanker-group-among-early-adopters-of-cyber-security-system_49545.htm Greek-owned ship management company Minerva Marine is implementing a cyber security platform to aid the company in managing its cyber risk.

Humans still weakest link in shipping cyber security. Fairplay. 18 October 2017.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4291851/humans-still-weakest-link-in-shipping-cyber-security> This year has brought an awakening for the maritime industry following the now infamous Petya ransomware attack that hit shipping giant Maersk on 27 June.

Humans still weakest link in shipping cyber security. By Tanya Blake. Fairplay. 18 October


2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4291851/humans-still-weakest-link-in-shipping-cyber-security> This year has brought an awakening for the maritime industry following the now infamous Petya ransomware attack that hit shipping giant Maersk on 27 June.

Rethinking maritime security. Safety 4 Sea. 25 October 2017. Available from:

<https://www.safety4sea.com/rethinking-maritime-security-2/> James Wilkes, Managing Director, Gray Page, presented a fresh approach to thinking about maritime security at the 2017 SAFETY4SEA Conference.

Seafarers must get cyber security training. By Martyn Wingrove.

Marine Electronics and Communications. 25 October 2017. Available from:

http://www.marinemec.com/news/view,seafarers-must-get-cyber-security-training_49652.htm  Shipping companies can avoid the costly cyber attacks by training their seafarers and onshore employees, explains Editor Martyn Wingrove.

Calls made for regulation of floating armouries. By Tanya Blake. Fairplay.


25 October 2017. Available from: <https://fairplay.ihs.com/article/4293241/calls-made-for-regulation-of-floating-armouries> Another voice has joined the call to regulate floating armouries, first made by India to the IMO in 2016.

Lack of industry concern cited at cyber security training launch. By Jamey Bergman.

Container Shipping & Trade. 26 October 2017. Available from:

http://www.containerst.com/news/view,lack-of-industry-concern-cited-at-cyber-security-training-launch_49674.htm At the launch event for a new cyber security training programme developed by Videotel in partnership with BIMCO, members of a panel cited a general lack of concern across the wider shipping industry as a key obstacle to improving cyber security.

U.S. Navy Assists Iranian Sailors After Pirate Attack. US Naval Institute News.

26 October 2017. Available from: <https://news.usni.org/2017/10/26/video-u-s-navy-assists-iranian-sailors-pirate-attack>  Sailors from the guided-missile USS Howard (DDG-83) came to the aide to the crew of an Iranian fishing dhow that came under attack by pirates south of the island of Socotra near the Gulf of Aden, as seen in video obtained by USNI News on Thursday.

Nigeria Reinforces Ban on Embarked Security Contractors. Maritime Executive.

25 October 2017. Available from: <https://www.maritime-executive.com/article/nigeria-reinforces-ban-on-embarked-security-contractors> In 2008-2012, when Somali pirates began increasing the frequency of their attacks in the Gulf of Aden, shipowners relied on a combination of hardening measures, multinational naval patrols and embarked private maritime security contractors (PMSCs) to counter the threat.

Singapore tightens security around crews. By Dale Wainwright. *TradeWinds*. 30 October 2017. Available from: <http://www.tradewindsnews.com/casualties/1373438/singapore-tightens-security-around-crews> Singapore is to tighten security surrounding the clearance of crew and passengers at the country's ports.

MARITIME TRAINING


It's now the Caribbean Maritime University. By Douglas McIntosh. *Jamaica Information Service*. 30 September 2017. Available from: <http://jis.gov.jm/now-caribbean-maritime-university/> The formalities to establish the Caribbean Maritime University (CMU) were completed during the entity's inaugural Charter Day ceremony, held at the National Arena in Kingston on September 28.

Nautilus in cross-industry call for UK aid and training ship. *Nautilus International*. 9 October 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/nautilus-in-cross-industry-call-for-uk-aid-and-training-ship/> Nautilus has joined with the RMT union and the Merchant Navy Training Board to call for the UK government to commission a civilian ship with a dual role delivering disaster relief and training merchant seafarers.

Maritime universities will help Nigeria meet seafarers' shortfall. *Vanguard (Nigeria)*. 10 October 2017. Available from: <https://www.vanguardngr.com/2017/10/maritime-universities-will-help-nigeria-meet-seafarers-shortfall-dogara/> The Speaker of House of Representatives, Mr Yakubu Dogara, says for Nigeria to meet its seafarers need, there is need to establish maritime universities in the country.

Govt invests in maritime training. By Caroline Ratucadra. *Fiji Sun Online*. 11 October 2017. Available from: <http://fijisun.com.fj/2017/10/11/msaf-govt-invests-in-maritime-training/> The Maritime Safety Authority of Fiji (MSAF) has issued a total of 7567 seafarer's certificates, approximately 585 of these are plying their trade internationally and the rest on Fiji ships on domestic voyage.

New training facility opens at IMCO. *Oman Daily Observer*. 18 October 2017. Available from: <http://omanobserver.om/new-training-facility-opens-at-imco/> Dr Abdullah bin Mohammed al Sarmi, Under-Secretary, Ministry of Higher Education and Chairman of IMCO Board of Directors, inaugurated the new training facility related to survival crafts and rescue boats at International Maritime College Oman (IMCO), campus in Suhar.

Liberian Registry launches cyber and ship security computer-based training programme. *Liberian Registry*. 17 October 2017. Available from: http://www.lisrc.com/sites/default/files/lisrc_press_releases/pr1017.pdf  The Liberian Registry has launched a Cyber and Ship Security Computer-Based Training (CBT) programme that provides a comprehensive overview of cyber-security issues, including concepts such as malware, network security, identity theft, risk management, and other common threats to maritime security.

Research miracle as *Mirabilis* sails into Maribilis marine research project. *Namibia Economist*. 17 October 2017. Available from: <https://economist.com.na/29431/> Three academic institutions have come together to launch a new project that will solely focus on marine research, maritime engineering and maritime education.

Tales of the unexpected – simulators create a safe space for LNG training.

By Karen Thomas. *LNG World Shipping*. 23 October 2017. Available from:

http://www.lngworldshipping.com/news/view,tales-of-the-unexpected-simulators-create-a-safe-space-for-lng-training_49405.htm Shipmanagers and training providers are expanding their simulator-based LNG-handling courses as LNG carriers and offshore projects call out for more LNG-qualified seafarers and as general demand grows for crew trained to handle LNG as marine fuel.

Connecting Education, Ports and People – Nassau, Bahamas. *World Maritime University*.

23 October 2017. Available from: <https://www.wmu.se/news/connecting-education-ports-and-people-%E2%80%93-nassau-bahamas> President Doumbia-Henry delivered the Keynote opening address of the Maritime Conference Bahamas 2017 that took place in Nassau from 18 to 20 October in the presence of the Prime Minister of the Bahamas, the Minister of Transport and the Minister of Education.

NIPPON Foundation Chairman Holds Official Meeting in Tbilisi. *Financial (Georgia)*.

25 October 2017. Available from: <http://www.finchannel.com/world/georgia/69007-nippon-foundation-chairman-holds-official-meeting-in-tbilisi> Minister of Economy and Sustainable Development of Georgia, Giorgi Gakharia held a meeting with the Chairman of the one of the world's largest foundations, the NIPPON Foundation, Yohei Sasakawa. Prospects of cooperation between Georgia and the Foundation were discussed during the meeting.

Free new online course for maritime law launched. *UK Chamber of Shipping*.

25 October 2017. Available from: <https://www.ukchamberofshipping.com/latest/free-new-online-course-maritime-law-launched/> The UK Chamber of Shipping and its partners Addleshaw Goddard and the Law Society of Scotland have launched a free online introductory course in maritime law.

Major maritime disaster training exercise. *Government of Canada*. 24 October 2017.

Available from: https://www.canada.ca/en/canadian-coast-guard/news/2017/10/major_maritime_disastertrainingexercise.html The Canadian Coast Guard, Canadian Armed Forces, BC Ferries, Emergency Management BC, BC Emergency Health Services, and Public Safety Canada are leading a large scale, multi-agency, on-water emergency preparedness exercise in the Gulf Islands area.

MIGRANTS

Italy's deal to stem flow of people from Libya in danger of collapse. **By Patrick Wintour.**

The Guardian. 3 October 2017. Available from:

<https://www.theguardian.com/world/2017/oct/03/italys-deal-to-stem-flow-of-people-from-libya-in-danger-of-collapse> A key pillar of the Italian government's effort to stem the politically toxic issue of people crossing the Mediterranean from Libya to southern Italy is in danger of collapse as a result of a bloody power struggle in the key Libyan port of Sabratha, the epicentre of human trafficking to Italy.

Security Council Extends Authorization to Intercept Vessels Suspected of Smuggling Migrants through Libya *United Nations*. 5 October 2017. Available from:

<https://www.un.org/press/en/2017/sc13015.doc.htm> Condemning the continued smuggling of migrants through Libya and off its coast — thereby endangering hundreds of thousands of lives and undermining stability — the Security Council today extended until 5 October 2018 its authorization for Member States to intercept vessels suspected of being used for such purposes.

Mediterranean migrant arrivals reach 140,538 in 2017; Deaths reach 2,754.

International Organization for Migration (IOM). 10 October 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-140538-2017-deaths-reach-2754> IOM, the UN Migration Agency, reports that 140,538 migrants and refugees entered Europe by sea in 2017 through 8 October, with over 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Rohingya children drown fleeing Myanmar violence: IOM. *International Organization for Migration (IOM)*. 9 October 2017. Available from: <https://www.iom.int/news/rohingya-children-drown-fleeing-myanmar-violence-iom> Tragedy struck more Rohingya refugees fleeing violence in Myanmar last night.

Maritime Incidents Libyan coast Update 22 September - 6 October 2017.

International Organization for Migration (IOM). 11 October 2017. Available from: <http://www.goo.gl/FNgeKj>

UN Migration Agency alarmed following collision of navy vessel, migrant boat near Tunisia. *International Organization for Migration (IOM)*. 11 October 2017. Available from: <http://www.iom.int/news/un-migration-agency-alarmed-following-collision-navy-vessel-migrant-boat-near-tunisia> Eight migrants have died in the wake of a collision between a Tunisian navy vessel and a boat reportedly carrying 87 migrants on Sunday, 8 October. A further 38 migrants have been rescued and approximately 41 are still missing.

New trend of migrant 'yachts' heading to Italy, says Europol. By Nikolaj Nielsen.


EU Observer. 13 October 2017. Available from: <https://euobserver.com/migration/139449> The EU's police agency Europol says a new trend is emerging of people smuggling migrants on sailing yachts from Turkey to Italy.

Mediterranean migrant arrivals reach 145,355 in 2017; Deaths reach 2,776.

International Organization for Migration (IOM). 17 October 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-145355-2017-deaths-reach-2776> IOM, the UN Migration Agency, reports that 145,355 migrants and refugees entered Europe by sea in 2017 through 15 October, with over 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Migratory flows in September: Arrivals in Italy lower than a year ago, more departures from Tunisia and Algeria. *Frontex European Border and Coast Guard Agency*.

18 October 2017. Available from: <http://www.goo.gl/sycg9q> In September, there were 13 900 detections of illegal border crossings on the four main migratory routes into the EU.

Fatal Journeys Volume 3 Part 1: Improving Data on Missing Migrants. *International Organization for Migration (IOM)*. 2017. Available from: <https://publications.iom.int/books/fatal-journeys-volume-3-part-1-improving-data-missing-migrants> Since 2014, more than 22,500 migrant deaths and disappearances have been recorded by the International Organization for Migration globally. [Report](#) 

Save the Children suspends migrant rescues in Mediterranean. By Steve Scherer.

Reuters. 23 October 2017. Available from: <https://www.reuters.com/article/us-europe-migrants-ngo/save-the-children-suspends-migrant-rescues-in-mediterranean-idUSKBN1CS244> International humanitarian group Save the Children said on Monday it had suspended migrant rescues in the Mediterranean Sea as departures from Libya slow and security conditions worsen.

Mediterranean Migrant Arrivals Reach 149,159 in 2017; Deaths Reach 2,824.

International Organization for Migration (IOM). 27 October 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-149159-2017-deaths-reach-2824> IOM, the UN Migration Agency, reports that 149,159 migrants and refugees entered Europe by sea in 2017 through 25 October, with about 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Libya | Maritime Incidents Libyan coast Update | 7 - 24 October 2017.

International Organization for Migration (IOM). 27 October 2017. Available from: <https://www.iom.int/sitreps/libya-maritime-incident-libyan-coast-update-7-24-october-2017>

NAVIGATION AND COMMUNICATIONS

Fishers call for safety net. By Mithosh Joseph. *The Hindu (India)*. 14 October 2017.

Available from: <http://www.thehindu.com/news/national/kerala/fishers-call-for-safety-net/article19863121.ece> In the wake of frequent collisions between mercantile vessels and fishing boats, endangering the lives of fishers, the Kerala Malsyathozhilali Aikya Vedi has urged the government to ensure that the code of conduct put forth by the International Maritime Organisation (IMO) is complied with by vessels passing through the territory.

Members sought for new online 'testbed' of standard mode ECDIS. *Nautilus International*.

13 October 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/members-sought-for-new-online-testbed-of-standard-mode-ecdis/> Nautilus is encouraging members to take part in a 'testbed' exercise for standard mode (S-Mode) Electronic Chart Display and Information Systems (ECDIS).

The role of pilots in safe navigation. *Safety 4 Sea*. 16 October 2017. Available from:

<https://www.safety4sea.com/the-role-of-pilots-in-safe-navigation/> Pilotage is a specialist navigation activity that utilises skills far beyond those required by an Officer of the Watch (OOW), as identified in the IMO STCW Convention.

The Art of Navigation. By Matthew Bonvento, Vanuatu Maritime Services Ltd.

MarineLink.Com. 19 October 2017. Available from: <https://www.marinelink.com/news/navigation-art-the430490> There are countless examples of how an over reliance of GPS navigation and the electronic charting systems, as well as the use of dead reckoning without a known fixed starting point – instead "eyeballing" the situation – are leading vessels in to danger.

The man keeping the world's lighthouses shining. By Riyah Collins. *BBC News*.

23 October 2017. Available from: <https://www.bbc.co.uk/news/amp/uk-england-birmingham-40887830> Shining a fresh light on the forgotten past of the Midlands-based Chance Brothers is Tim Nguyen, who has dedicated himself to restoring their work in 2,000 lighthouses across the globe.

Forward Thinking: Shipping will benefit from augmented reality. By Martyn Wingrove.

Marine Electronics and Communications. 23 October 2017. Available from: http://www.marinemec.com/news/view,forward-thinking-shipping-will-benefit-from-augmented-reality_49626.htm Augmented reality (AR) is poised to change the way the world interacts with technology and its impact on the shipping industry is going to be revolutionary, said Hanseaticsoft chief executive Alexander Buchmann.

Ethical hacking company breaks into vessel satcomms system . By Paul Berrill.

TradeWinds. 26 October 2017. Available from:

<http://www.tradewindsnews.com/casualties/1370572/ethical-hacking-company-breaks-into-vessel-satcomms-system> A widely used shipping satellite communications (Satcomms) system has been shown to be vulnerable to cyber-attack, an ethical hacking company has revealed.

Inmarsat response to IOActive claims. *Inmarsat*. 26 October 2017. Available from:

<https://www.inmarsat.com/news/inmarsat-response-to-ioactive-claims/> Inmarsat is aware of the IOActive report but it is important to note AmosConnect 8 (AC8) is no longer in service.

AmosConnect: Maritime Communications Security Has Its Flaws. By Mario Ballano.

IOActive. 26 October 2017. Available from: <http://blog.ioactive.com/2017/10/amosconnect-maritime-communications.html> Satellite communications security has been a target of our research for some time: in 2014 IOActive released a document detailing many vulnerabilities in popular SATCOM systems.

Navigational safety in the cyber era. By Chris Adams, Head of Loss Prevention, Steamship Mutual. *Safety 4 Sea*. 29 October 2017. Available from:

<https://www.safety4sea.com/navigational-safety-in-the-cyber-era/> Considering that the computerization of operating and control systems on vessels requires effective cyber security arrangements, it is vitally important to raise awareness of cyber security risks with personnel and to implement safe practices to avoid putting systems at risk.

PIRACY

4 takeaways from the IMB's latest global piracy report. *ICC International Maritime Bureau (IMB)*. 17 October 2017. Available from: <https://www.icc-ccs.org/index.php/1237-4-takeaways-from-the-imb-s-latest-global-piracy-report> The flagship global report notes that, while piracy rates were down compared to the same period in 2016, there is continuing concern over attacks in the Gulf of Guinea and in South East Asia.

Yemeni PM says fishermen have seized Iranian vessel, sailors. By Sylvia Westall.

Reuters. 21 October 2017. Available from: <https://www.reuters.com/article/us-yemen-security-iran/yemeni-pm-says-fishermen-have-seized-iranian-vessel-sailors-idUSKBN1CQ0TG> An Iranian vessel with 19 sailors on board has been seized near a Yemeni island by local fishermen, Yemen's prime minister said on Saturday.

Six crew kidnapped from Dohle boxship. By Gary Dixon. *TradeWinds*. 24 October 2017.

Available from: <http://www.tradewindsnews.com/liner/1370256/six-crew-kidnapped-from-dohle-boxship> Six crew including the captain have been kidnapped from a Peter Dohle containership off Nigeria.

PORT STATE CONTROL

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

UK Maritime & Coastguard Agency. 6 October 2017. Available from:

<https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-september-2017> During September, there were two new detentions of foreign flagged vessels in a UK port.

Port State Control inspections – Panacea or Curse? By Panagiotis Nikiteas. *Safety 4 Sea.*

10 October 2017. Available from: <https://www.safety4sea.com/port-state-control-inspections-panacea-curse/> Many still think or say that the various Memoranda of Understanding (MOU) on Port State Control (PSC) is a gloomy sounding phenomenon.

PORTS AND HARBOURS

Ports to go digital in bid for speed and efficiency. By Htike Nanda Win. *Myanmar Times.*


2 October 2017. Available from: <https://www.mmtimes.com/news/ports-go-digital-bid-speed-and-efficiency.html> The maritime industry will begin using a port electronic data integration (EDI) system in October, according to an official from the Ministry of Transport and Communication.

Benghazi port reopens. By Maha Ellawati. *Libya Herald.* 1 October 2017. Available from: <https://www.libyaherald.com/2017/10/01/benghazi-port-reopens/> Interim prime minister in the Beida government, Abdullah Thinni, together with Ali Gatrani, the boycotting member of the Presidency Council, were the chief personalities at a ceremony today to mark the reopening of Benghazi port after three years of enforced closure and welcome the arrival of the Greek-owned general cargo vessel *Lady Haloum*.

Wreckage removed; normal vessel operations resume at Port. *Times of India.*

30 September 2017. Available from: <http://www.goo.gl/kSKGFE> The wreckage of the fishing vessel, which sank in the Cochin Port Trust's navigational channel, has been removed fully and normal vessel operations commenced with effect from today, the port said.

DP World chairman meets president of Senegal: Partnership to build integrated port, logistics and economic zone in Dakar... *DP World.* 30 September 2017. Available from:

http://web.dpworld.com/wp-content/uploads/2017/10/2017_09_30_Senegal_PR_EN.pdf  DP World Group Chairman and CEO Sultan Ahmed Bin Sulayem has met with Senegalese President Macky Sall as part of a tour of West and North Africa to confirm development of infrastructure projects in the country.

GMA & RMU working around the clock to safe-guard the maritime industry.

By Isaac Kofi Dzokpo. *News Ghana.* 29 September 2017. Available from:

<https://www.newsghana.com.gh/gma-rmu-working-around-the-clock-to-safe-guard-the-maritime-industry/amp/> According to the Minister for Transport Hon Kwaku Ofori Asiamah, Ports are viewed as critical infrastructure and their security is a facet of national security.

Libya - port situation. *Gard.* 29 September 2017. Available from:

<http://www.gard.no/web/content/libya-port-situation> Although all major Libyan ports, except Derna and Sirte, are reported to be open and in operation, ships approaching Libyan waters must proceed with extreme caution while transiting in or near Libya's territorial waters.

Developing an air quality plan for the Thames. By Eva Grey. *Ship-Technology.Com*. 2 October 2017. Available from: <http://www.ship-technology.com/features/featuredeveloping-an-air-quality-plan-for-the-thames-5938323/> The River Thames is central to London's identity and development as a capital city, contributing every day in trade, jobs, tourism and transportation.

Clean vessels: real discount. *Port of Rotterdam*. 2 October 2017. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/clean-vessels-real-discount> The Port of Rotterdam aims to mitigate climate change while simultaneously ensuring that the Rotterdam port and industrial complex will still make a substantial contribution to Dutch prosperity and employment opportunities after 2050.

Position of authority. By Miles Varten. *Port Strategy*. 3 October 2017. Available from: <http://www.portstrategy.com/news101/insight-and-opinion/port-talk/position-of-authority> Ports around the world adhere to a number of international security regimes primarily driven by bodies such as the World Customs Organization, International Maritime Organization and International Organization for Standardization.

Filling capacity gaps: Ecuador is putting its ports front and centre. By Alex Hughes. *Port Strategy*. 3 October 2017. Available from: <http://www.portstrategy.com/news101/world/south-america/south-america-west-coast> Ecuador is determined to prove that two's company in its port sector.

OECD makes the case for greater port-based environmental incentives.

By Sam Chambers. *Splash 24/7*. 5 October 2017. Available from: <http://splash247.com/oecd-makes-case-greater-port-based-environmental-incentives/> The Organisation for Economic Co-operation and Development (OECD) has pitched the case for greater port-based incentives as a way for shipping to cut emissions.

No environmental review needed for Iqaluit port, says Nunavut board.

Canadian Broadcasting Corporation (CBC). 3 October 2017. Available from: <http://www.cbc.ca/news/canada/north/iqaluit-port-nirb-screening-review-1.4320269> A proposed deep sea port in Iqaluit has cleared a major hurdle, with the Nunavut Impact Review Board (NIRB) recommending the project be approved with no review or public hearings.

Abu Dhabi launches fully digitized PCS. *Port Technology International*. 4 October 2017.

Available from: https://www.porttechnology.org/news/abu_dhabi_launches_fully_digitized_pcs A celebration of the PCS's inauguration took place on October 3, 2017 at the Ritz-Carlton Hotel Abu Dhabi, according to the UAE's government news agency, WAM.

Western Sicily's ports network wants to grow cruise business. By Luca Peruzzi.

Seatrade Cruise News. 9 October 2017. Available from: <http://www.seatrade-cruise.com/news/news-headlines/western-sicily-s-ports-network-wants-to-grow-cruise-business.html> 'Western Sicily's ports have extraordinary potential for expanding as a cruise destination, as well as in shipbuilding, yachting and more generally in the Blue Economy,' Monti, appointed president of the recently established Western Sicily Port Authority remarked.

Port fee remains inexpensive – Environmental component creates incentive for clean vessels. *Port of Hamburg*. 9 October 2017. Available from: <http://www.goo.gl/bXRbbH>

The Hamburg Port Authority (HPA) adapts the basic port fee rate for the majority of maritime transport by 1.4% for 2018.

ESPO presents its sustainable agenda at the 2017 Greenport Conference Amsterdam.

European Sea Ports Organisation (ESPO). 13 October 2017. Available from: <https://www.espo.be/news/espo-presents-its-sustainable-agenda-at-the-2017-g> This week, Europe's environmental port experts have gathered in Amsterdam for the 12th edition of the GreenPort Conference and 5th edition of the GreenPort Cruise Conference.

Clean Air Action Plan: At what cost? By John McLaurin. *Maritime Logistics Professional*.

17 October 2017. Available from: <https://www.maritimeprofessional.com/blogs/post/clean-air-action-plan-at-what-cost-15242> Everyone who touches or relies on freight for a job in Southern California will be impacted by the ports of Los Angeles and Long Beach Clean Air Action Plan (CAAP).

Ports to consider update to Clean Air Action Plan on Nov. 2. *Clean Air Action Plan (CAAP)*.

16 October 2017. Available from: <http://www.cleanairactionplan.org/news/ports-to-consider-update-to-clean-air-action-plan-on-nov-2/> The governing boards of the ports of Long Beach and Los Angeles will hold a joint public meeting Nov. 2 to consider approving the San Pedro Bay Ports Clean Air Action Plan (CAAP) 2017 Update, which contains far-reaching strategies to further reduce air emissions and support the state's vision for more sustainable freight movement.

Tackling congestion in the port of Houston. By Barry Parker. *Seatrade Maritime News*.

19 October 2017. Available from: <http://www.seatrade-maritime.com/news/americas/tackling-congestion-in-the-port-of-houston.html> Houston port congestion and how to deal with it with solutions ranging from self-regulation to big data were the focus of discussions at this week's Mare Forum conference.

Ukraine Ports Open \$55 Million Berth Tender. *Port Technology International*.

18 October 2017. Available from: https://www.porttechnology.org/news/ukraine_ports_open_55_million_berth_tender Ukraine's port authority has launched an open tender to finish building a general cargo berth for Panamax ships and dredge the adjacent water area at the Port of Odessa.

Dordrecht Inland Seaport wants bunkering station for LNG and other cleaner fuels.

Port of Rotterdam. 18 October 2017. Available from: <http://www.goo.gl/S9z5YN> The Port of Rotterdam Authority wants a new multi-fuel bunkering station for refuelling with LNG and other cleaner fuels.

Ship waste management is ESPO priority. *Green Port*. 19 October 2017. Available from:

<http://www.greenport.com/news101/Regulation-and-Policy/ship-waste-management-is-espo-priority> The call from European ports for an efficient but responsible ship waste management policy will be prioritised by ESPO.

Port of Oslo accused of social dumping. By Niklas Krigslund. *ShippingWatch*.

19 October 2017. Available from: <http://shippingwatch.com/secure/Ports/article9962953.ece> It is a clear case of social dumping when the Port of Oslo allows underpaid seafarers to load and unload vessels, says the International Transport Workers' Federation.

West Africa, Middle East, and Oceania ports show improved berth productivity.

By Turloch Mooney. *Fairplay*. 19 October 2017. Available from:

<https://fairplay.ihs.com/ports/article/4292996/west-africa-middle-east-and-oceania-ports-show-improved-berth-productivity> Ports in west Africa, the Middle East, and Oceania showed the strongest levels of improvement in berth productivity among global container ports in the latest analysis of port call data carried out by Fairplay sister publication Journal of Commerce.

Saudi women to take rightful place in new ports authority: Minister.

By Mohammed Rasooldeen. *Arab News (Saudi Arabia)*. 19 October 2017. Available from: <http://www.arabnews.com/node/1179891/saudi-arabia> The Saudi Ports Authority will be a welcoming place for Saudi women to work, Transport Minister Nabil Al-Amoudi announced at the organization's official launch event at the Four Seasons Hotel in Riyadh.

Group including Chinese firm begins Panama port project. *MediTelegraph (Italy)*.

19 October 2017. Available from: <http://www.goo.gl/zoaWqA> Panama City - A group including China Harbour Engineering Company Ltd (CHEC) has started building a \$165 million port in Panama for cruise ships, the first project announced between China and the Latin American nation since they re-established diplomatic ties this year.

Ports are the gateway to development: Modi at ferry launch . *The Hindu (India)*.

22 October 2017. Available from: <http://www.thehindubusinessline.com/news/national/indias-ports-are-the-gateway-to-development-modi-at-ferry-launch/article9918388.ece> Prime Minister Narendra Modi today inaugurated the first phase of his 'dream project', the 31-km Ro-Ro ferry service connecting Saurashtra region with South Gujarat across Gulf of Khambhat in Arabian Sea.

Falmouth poised to become a model regional cruise shipping port – Bartlett.

Jamaica Observer. 22 October 2017. Available from: http://www.jamaicaobserver.com/latestnews/Falmouth_poised_to_become_a_model_regional_cruise_shipping_port?profile=1228 Tourism Minister Edmund Bartlett, says the Port of Falmouth in Trelawny is poised to become a model regional cruise shipping destination, noting that this augurs well for Jamaica's industry to exponentially record additional growth.

Expanded Panama Canal is poised for more growth. By Greg Miller. *Fairplay*.

22 October 2017. Available from: <https://fairplay.ihs.com/commerce/article/4293066/expanded-panama-canal-is-poised-for-more-growth> The stereotypical user of the Panama Canal is a large eastbound container ship carrying boxes of toys, shoes, and electronics from China to New Jersey.

Stena Line connects to onshore power supply in Port of Trelleborg. *Port of Trelleborg*

(Sweden). 24 October 2017. Available from: <http://www.trelleborgshamn.se/en/stena-line-connects-onshore-power-supply-port-trelleborg/> On October 23 Anneli Hulthén, Governor in Skåne, together with Christian Pegel, Energy Minister of Mecklenburg-Vorpommern, inaugurated the onshore power supply in Port of Trelleborg.

At Gwadar port, China paves a new Silk Road. *Gulf Times (Qatar)*. 25 October 2017.

Available from: <http://www.gulf-times.com/story/568762/At-Gwadar-port-China-paves-a-new-Silk-Road> Pakistan's Gwadar port at first glance seems an unlikely crown jewel in a multi-billion-dollar development project with China aimed at constructing a 21st century Silk Road.

Panama Canal Announces Innovative New Tool to Encourage Emissions Reductions.

Panama Canal Authority. 26 October 2017. Available from: <http://micanaldepanama.com/expansion/2017/10/panama-canal-announces-innovative-new-tool-to-encourage-emissions-reductions/> As part of its ongoing commitment to sustainability, the Panama Canal has announced the launch of the Emissions Calculator, an innovative new tool which will offer shippers the most accurate assessment of their carbon emissions, rank those who have reduced the most emissions by transiting the Canal versus alternate routes, and encourage action to reduce carbon footprints.

Achieving full and effective corporatization of port authorities: reform models from global experience. *World Bank*. 1 October 2017. Available from: <http://www.goo.gl/G4u9AY> Port corporatization has become the model of choice for countries that have been reluctant to entirely privatize their port authorities.

RECYCLING OF SHIPS

How ships kick the bucket. By Mahesa Abeynayake, Fiji Maritime Academy.

Fiji Sun Online. 4 October 2017. Available from: <http://fijisun.com.fj/2017/10/04/how-ships-kick-the-bucket> In the dark dungeon of the noisy engine room, engineers anticipated the command in advance.

GMS in Alang training programme. *Tanker Operator*. 6 October 2017. Available from:

<http://www.tankeroperator.com/news/gms-in-alang-training-programme/9044.aspx> GMS said that due to high demand, the green team has designed a 'train the trainer' programme in co-operation with the Indian Registry of Shipping (IRClass) in an effort to reach a larger audience.

Maersk has now scrapped six ships in India. By Niklas Krigslund. *ShippingWatch*.

16 October 2017. Available from:

<http://shippingwatch.com/secure/carriers/Container/article9948893.ece> Six scrapped vessels and more are on the way.

Maersk vessels sailed under black-listed flag for final journey. By Niklas Krigslund.

ShippingWatch. 17 October 2017. Available from:

<http://shippingwatch.com/secure/carriers/Container/article9948964.ece> Four Maersk Line vessels switched to black-listed flags shortly before they departed on their final journey to shipbreaking yards in Alang.

Platform publishes South Asia quarterly update. *NGO Shipbreaking Platform*.

19 October 2017. Available from: <http://www.shipbreakingplatform.org/platform-publishes-south-asia-quarterly-update-14/> There were a total of 227 ships broken in the third quarter of 2017. Of these, 124 ships ended up on beaches in South Asia for dirty and dangerous breaking.

A graveyard for ships and men. By Syed Mansur Hashim. *Daily Star (Bangladesh)*.

24 October 2017. Available from: <http://www.thedailystar.net/opinion/no-frills/graveyard-ships-and-men-1480753> According to a report published by this paper on October 22, "Bangladesh was the top buyer of scrapped ships in the world in the third quarter of 2017, followed by India," as stated by the Brussels-based Shipbreaking Platform.

Chittagong shipyard gets first HKC Statement of Compliance. *Green4Sea*.

23 October 2017. Available from: <https://www.green4sea.com/chittagong-shipyard-gets-first-hkc-statement-of-compliance/> PHP Family, a recycling yard located in Chittagong, Bangladesh, has just received a Statement of Compliance (SOC) under the Hong Kong Convention for the Safe and Environmentally Sound Recycling of Ships (HKC) from international Classification Society RINA.

Shipbreakers brace for regulatory upheaval. By Inderpreet Walia. *Lloyd's List*.

24 October 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL11982/Shipbreakers-brace-for-regulatory-upheaval> Policy and regulatory changes could vitalise the ship recycling sector, which has experienced overall lower scrapping volume on year.

Is the EU Ship Recycling Regulation a lame duck? By Anastassios Adamopoulos.

Lloyd's List. 27 October 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL111985/Is-the-EU-Ship-Recycling-Regulation-a-lame-duck> Any expectations of a swift shift away from dominant ship scrappers in Asia due to European regulations should be tamed.

REGULATIONS

Who will be the ballast survivors? By Malcolm Latarche. *ShipInsight*. 4 October 2017.

Available from: <https://shipinsight.com/will-ballast-survivors/> Choosing the right system type has already been an expensive mistake for some early adopters with evidence that some do not work as intended and others that do not work at all.

Big questions loom over enforcement. *Tanker Shipping & Trade*. 3 October 2017.

Available from: http://www.tankershipping.com/news/view/big-questions-loom-over-enforcement_49354.htm Of the many issues surrounding the global sulphur cap, one of the most significant is enforcement.

Ballast Water testing concerns raised at Miami Conference. *Hellenic Shipping News*.

6 October 2017. Available from: <http://www.hellenicshippingnews.com/ballast-water-testing-concerns-raised-at-miami-conference/> Shipowners attending a ballast water management conference in Miami last week were surprised to learn that once a ballast water treatment system has achieved Type Approval, there are no strict provisions in place for verifying the system's on-going operational efficiency.

CO2 to dominate regulatory landscape. *Marine Propulsion & Auxiliary Machinery*.

10 October 2017. Available from: http://www.mpropulsion.com/news/view/co2-to-dominate-regulatory-landscape_49460.htm Almost as soon as IMO's Marine Environmental Protection Committee announced that 2020 would be the deadline for compliance with the global sulphur cap, it was certain that this would dominate regulatory discussion for years to come.

Autonomous shipping could face risk of fragmented regulation. By Wei Zhe Tan.

Lloyd's List. 11 October 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL111828> Regulations for self-driven vessels could occur in a disorganised manner as the International Maritime Organization's Maritime Safety Committee could take some time to come up with concrete measures, according to Helle Hammer, managing director of Cefor and chairwoman of the International Union of Marine Insurance's Political Forum.

ExxonMobil survey shows 70% say marine industry not ready for IMO's 0.5% sulfur cap.

By Surabhi Sahu. *S&P Global Platts*. 12 October 2017. Available from:

<https://www.platts.com/latest-news/shipping/singapore/exxonmobil-survey-shows-70-say-marine-industry-27878387> With less than three years to go for the implementation of the International Maritime Organization's 0.5% global sulfur cap, the route to comply with the rule still remains unclear for many vessel operators as the industry displays "a lack of preparedness," ExxonMobil said in a statement Wednesday.

HMM CEO: Industry should double efforts ahead of 2020 sulphur cap. *Green4Sea*. 16 October 2017. Available from: <https://www.green4sea.com/hmm-ceo-industry-should-double-efforts-ahead-of-2020-sulphur-cap/> In a keynote address at Trans-Pacific Maritime Asia Conference, in Shenzhen, China, Mr. C. K. Yoo pointed out that the Low Sulfur compliance seems to be the most serious upcoming regulation and complexity in this issue comes from the fact that there are many options available on the table and the uncertainties related to these options.

Mediterranean ferry operators troubled by sulfur emissions cap. *World Maritime News*. 17 October 2017. Available from: <http://worldmaritimenews.com/archives/232679/> According to Minoan Lines Managing Director Antonios Maniadakis, using low sulfur fuel would increase costs by EUR 2 million (USD 2.35 million) per year.

Why bother with shipping regulations? By Simin Ngai. *Fairplay*. 20 October 2017. Available from: https://fairplay.ihs.com/lookout-why-bother-with-shipping-regulations_20171020.html The two years leading up to 2020 – when the International Maritime Organization's (IMO's) 0.5% global sulphur cap takes effect – are very much like a riveting thriller: they will keep you guessing until the very end.

2020 Compliant Marine Fuels' Costs a Source of Headache for Shipowners. **By Nikos Roussanoglou.** *Hellenic Shipping News*. 20 October 2017. Available from: <http://www.hellenicshippingnews.com/2020-compliant-marine-fuels-costs-a-source-of-headache-for-shipowners/> Ship owners are having to deal with some pretty challenging decisions, in terms of planning their future investment strategies and fleet mix, as the decision to implement the use of low sulphur marine fuels on global scale from 2020.

Saudi Arabia's response to BW requirements. By Brian Phillips, Managing Director, Chelsea Technologies Group. *Green4Sea*. 25 October 2017. Available from: <https://www.green4sea.com/saudi-arabias-response-bw-requirements/> Dr. Brian Phillips, Chelsea Technologies Group, explains how Saudi Arabia is driving forward with enforcing ballast water regulations and discloses details about their cooperation with Saudi Aramco.

SALVAGE

Challenges Ahead for *Pacific Paradise* Salvage. *Maritime Executive*. 25 October 2017. Available from: <https://maritime-executive.com/article/challenges-ahead-for-pacific-paradise-salvage> The fishing vessel *Pacific Paradise* remains grounded on a reef off Waikiki, Hawaii, despite two weeks of salvage efforts and multiple refloat attempts.

SEAFARERS

North Korean laborers may have worked on Maersk vessels. By Niklas Krigslund.

ShippingWatch. 2 October 2017. Available from:

<http://shippingwatch.com/carriers/Tanker/article9916474.ece> North Korean workers engaged in forced labor may have contributed to building a fleet of top-modern and highly expensive Maersk vessels, confirms the company to ShippingWatch.

NIMASA to sanction defaulting ship owners on discrimination of seafarers.

By Oluyinka Onigbinde. *Nigerian News Direct*. 2 October 2017. Available from:

<http://nigeriannewsdirect.com/nimasa-to-sanction-defaulting-ship-owners-on-discrimination-of-seafarers/> Nigerian Maritime Administration and Safety Agency (NIMASA) has stated that the agency is ready to sanction any ship owners who gives preferential treatment to foreign national seafarers, thereby discriminating against Nigerian seafarers.

Human Rights at Sea publishes Third Annual Report. *Human Rights at Sea (HRAS)*.

27 September 2017. Available from: <https://www.humanrightsatsea.org/human-rights-at-sea-publishes-third-annual-report/> The 40-page report comprehensively lays out the development and achievements of the UK-based charity's third year of operation.

British captain honoured for rescuing 907 refugees in Mediterranean. By Lizzie Dearden.

The Independent. 3 October 2017. Available from: <http://www.goo.gl/sSmLqt> A British sailor has been honoured for helping rescue more than 900 refugees in the Mediterranean Sea.

Automation will shake up seafaring, Nautilus seminar is told. *Nautilus International*.

4 October 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/automation-will-shake-up-seafaring-nautilus-seminar-is-told/> Seafaring is set to be transformed by the rapid advances in 'smart' shipping, Nautilus International's UK branch seminar on maritime automation heard.

Is SOLAS evolving and what about industrial personnel? By David Foxwell.

Offshore Support Journal. 9 October 2017. Available from:

http://www.osjonline.com/news/view,is-solas-evolving-and-what-about-industrial-personnel_49432.htm Mark Sales, a maritime regulatory consultant and former regulatory engineer at Tidewater, reflects on the evolution of the Safety of Life at Sea Convention and on the proposed Chapter XV and focus on industrial personnel.

World's top shipmanagers pledge not to do business with owners who have abandoned crews. By Sam Chambers. *Splash 24/7*.

9 October 2017. Available from: <http://splash247.com/worlds-top-shipmanagers-pledge-not-business-owners-abandoned-crews/> The world's largest international third party shipmanagers with one notable exception – Executive Ship Management – have today pledged not to conduct business with any owner who has a recent history of abandoning crews, in the first step of a Splash campaign to engage key stakeholders and help quash the scourge of ditching seafarers.

Engaging the stakeholders. By Brenda V. Pimentel. *Manila Times*.

7 October 2017. Available from: <http://www.manilatimes.net/engaging-the-stakeholders/354928/> One of the most pronounced changes at the STCW Office of the Maritime Industry Authority (MARINA) is the holding of regular dialogues with the industry players.

IMO boss says shipping has a 'human duty' to stamp out crew abandonment.

By Sam Chambers. *Splash 24/7.* 10 October 2017. Available from: <http://splash247.com/imo-boss-says-shipping-human-duty-stamp-crew-abandonment/> The secretary-general of the International Maritime Organization (IMO) has spoken of shipping's "human duty" to ensure crew abandonment is kicked out.

Nautilus International hits out at 'modern slavery' in British waters. By Sam Chambers.

Splash 24/7. 9 October 2017. Available from: <http://splash247.com/nautilus-international-hits-modern-slavery-british-waters/> Shipping trade union Nautilus International has called on the British government to stamp out maritime modern slavery.

Canadian union protests against underpayment of crew. ITF Seafarers. 8 October 2017.

Available from: http://www.itfseafarers.org/maritime_news.cfm/newsdetail/11663

The Seafarers' International Union of Canada (SIU) has protested to the Canadian government about poor labour standards for foreign seafarers after it found that the crew onboard a Singapore-flagged vessel were being paid as little as CAD1.46 per hour.

Insurers refuse to cut ties with crew abandonment of offenders. By Sam Chambers.

Splash 24/7. 11 October 2017. Available from: <http://splash247.com/insurers-refuse-cut-ties-crew-abandonment-offenders/> A key part of Splash's crew abandonment campaign has been to engage as many different sectors of shipping as possible in order to attack this problem from multiple angles.

AoS leads action against slavery at sea. Apostleship of the Sea (AoS). 10 October 2017.

Available from: <http://www.apostleshipofthesea.org.uk/aos-leads-action-against-slavery-sea>

'Slavery is not yet ended', said Archbishop Sanchez Sorondo of the Pontifical Academies of Sciences and Social Sciences Slavery at the 24th World Congress of the Apostleship of the Sea (AoS) in Taiwan.

Salvation for stranded seafarers. By Sam Chambers. *Splash 24/7.* 12 October 2017.

Available from: <http://splash247.com/salvation-stranded-seafarers/> No one is more exposed to the daily hardships and horrors of abandoned crews than the world's leading shipping charities and the hard working people at trade unions such as the International Transport Workers' Federation (ITF).

Intertanko and Intercargo refuse to condemn crew abandonment. By Sam Chambers.

Splash 24/7. 13 October 2017. Available from: <http://splash247.com/intertanko-intercargo-refuse-condemn-crew-abandonment/> Two of the world's leading shipowning organisations have refused to condemn crew abandonment.

MPs urged by families to help Britons jailed in India. BBC News. 12 October 2017.

Available from: <http://www.bbc.co.uk/news/uk-england-41593219> The six were arrested in October 2013 for taking weapons into India's territorial waters.

Challenges to Seafarers' Welfare in Caribbean Ports. By Michael Skaggs.

Maritime Executive. 12 October 2017. Available from: <http://www.maritime-executive.com/editorials/challenges-to-seafarers-welfare-in-caribbean-ports> Even as the Caribbean islands and Florida were recovering from Hurricane Irma this summer, Maria came roaring through the region.


A more effective and meaningful response to seafarer abandonment. By Carolyn Graham.

Splash 24/7. 16 October 2017. Available from: <http://splash247.com/effective-meaningful-response-seafarer-abandonment/> Shipping has always been reactive with less attention paid to the worker.

Union tackles 'modern-day slavery profiteering' in shipping. *Nautilus International.*

13 October 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/union-tackles-modern-day-slavery-profiteering-in-shipping/> Nautilus has called on the UK government to tackle 'modern-day slavery profiteering' in the shipping industry in the light of new figures showing exploitation is rife.

'Navigating Change – A review of the UK maritime welfare charity sector'.

Seafarers UK. 12 October 2017. Available from: <http://www.seafarers.uk/news/navigating-change-a-review-of-the-uk-maritime-welfare-charity-sector/> Ten years on from the publication in 2007 of 'Supporting Seafarers and their Families: Challenges for the Future', a new report, 'Navigating Change - A Review of the UK Maritime Welfare Charity Sector' was released at a major conference in London on 16-17 October. [Full Report](#) 

AHTS crew abandoned in Mozambique. By Jonathan Boonzaier. *TradeWinds.*

17 October 2017. Available from: <http://www.tradewindsnews.com/offshore/1366076/ahts-crew-abandoned-in-mozambique> Five crew members on an anchor-handler in Mozambique claim they have not been paid for almost a year by the ship's owner.

'First class' centre will offer Southampton seafarers a warm welcome. By Andrew Ross.

Southern Daily Echo (UK). 18 October 2017. Available from: http://www.dailyecho.co.uk/News/15603036.PHOTOS_39_First_class_39_centre_will_offer_Southampton_seafarers_a_warm_welcome/ The Sailors' Society has opened the doors to its new Southampton Seafarers' Centre in East Street which offers the opportunity to access support services and free Wi-Fi.

Seafarer Abandonment continues with owner impunity strengthened. *Human Rights at Sea*

(HRAS). 20 October 2017. Available from: <https://www.humanrightsatsea.org/seafarer-abandonment-continues-with-owner-impunity-strengthened/> Human Rights at Sea today calls for renewed and reinvigorated international efforts to deliver faster solutions, effective remedies and repatriation for all stranded and abandoned seafarers in the global shipping industry, and a greater focus on naming and shaming owners who otherwise revel in their impunity from being held accountable.

Union claims Welfare Fund is 'transparent and accountable' . By Adam Corbett.

TradeWinds. 19 October 2017. Available from: <http://www.tradewindsnews.com/casualties/1366057/union-claims-welfare-fund-is-transparent-and-accountable> International Transport Workers' Federation (ITF) secretary general Steve Cotton insists its Welfare Fund is fully transparent and the large amount of money it generates is being used to protect the interests of seafarers.

UAE and ITF to work together to solve abandonment cases. By Sam Chambers.

Splash 24/7. 23 October 2017. Available from: <http://splash247.com/uae-ift-work-together-solve-abandonment-cases/> The United Arab Emirates' Federal Transport Authority (FTA) and the International Workers' Federation (ITF) have agreed to work together to tackle abandonment cases in UAE waters.

SEARCH AND RESCUE

“We face the same challenges” – global search and rescue leaders meet in Wellington.

Maritime New Zealand. 2 October 2017. Available from:

<http://www.maritimenz.govt.nz/public/news/media-releases-2017/20171002a.asp>

Maritime NZ Director Keith Manch said in his conference opening address that search and rescue responders around the world face many of the same challenges.

Tunisian navy rescues 100 migrants, hours after eight drown. By Tarek Amara. Reuters.

10 October 2017. Available from: <https://www.reuters.com/article/us-tunisia-migrants/tunisian-navy-rescues-100-migrants-hours-after-eight-drown-idUSKBN1CF0WD> Tunisia's navy rescued almost 100 migrants from a sinking boat off its southeast coast late on Monday, authorities said, hours after eight people being smuggled to Europe drowned in the same stretch of water.

Thirty-eight rescued, dozens missing after Tunisian warship collides into migrant boat.

Malta Today. 9 October 2017. Available from:

http://www.maltatoday.com.mt/news/court_and_police/81136/eight_people_drown_in_maltese_waters

At least eight people have drowned and several others are lost at sea after a collision in the Maltese search and rescue region (SAR) between refugees and a Tunisian vessel.

Update 2: Coast Guard suspends search for missing man, continues to monitor oil platform after explosion. United States Coast Guard.

16 October 2017. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/1bdfdd4> The Coast Guard suspended its search Monday night for the man who was unaccounted for after an explosion on an oil platform in Lake Pontchartrain near Kenner, Louisiana.

SHIPBUILDING AND SHIPREPAIR

HMD receives approval in principle for cargo handling system design for 6,600m³ LNG bunkering vessel. Lloyd's Register.

29 September 2017. Available from: <http://www.lr.org/en/news-and-insight/news/hmd-receives-approval-in-principle-for-cargo-handling-system-design-for-6600m3-lng-bunkering-vessel.aspx> Hyundai Mipo Dockyard (HMD) has received approval in principle (AiP) from Lloyd's Register (LR) for a cargo handling system design for a 6,600 m³ LNG bunkering vessel.


Cruise newbuild readied for new environmental regulations. Maritime Executive.

7 October 2017. Available from: <http://www.maritime-executive.com/article/cruise-newbuild-readied-for-new-environmental-regulations> Environmental technology specialist Scanship has entered into a contract with STX France for delivery of its advanced wastewater purification technology to the world's largest cruise ship, the fifth RCCL Oasis-class vessel.

Research vessels: The fleet is in. Maritime Global News.

10 October 2017. Available from: <http://www.maritimeglobalnews.com/news/research-vessels-fleet-ct8anf> A wave of new and innovative research vessels are set to help scientists enhance their understanding of the oceans.

Review of Maritime Transport (RMT) 2017. United Nations Conference on Trade and Development (UNCTAD).

25 October 2017. Available from: <http://unctad.org/en/pages/PublicationWebflyer.aspx?publicationid=1890> With over 80 per cent of global trade by volume and more than 70 per cent of its value being carried on board ships and handled by seaports worldwide, the importance of maritime transport for trade and development cannot be overemphasized. [Full Report](#) 

LeaderSHIP 2020 needs to be reinforced. *European Economic and Social Committee (EESC)*. 26 October 2017. Available from: <http://www.eesc.europa.eu/en/news-media/press-releases/leadership-2020-needs-be-reinforced> Europe's shipbuilding industry needs the EU's strategic support. LeaderSHIP 2020 is the right tool, but needs to be reinforced and extended to 2030.


SHIPPING

Seychelles joins group that promotes women in the maritime sector. **By Daniel Laurence.** *Seychelles News Agency*. 2 October 2017. Available from: <http://www.seychellesnewsagency.com/articles/7992> Seychelles has joined an internationally recognised association for women in the maritime sector, WOMESA, after the launching of the local affiliate group.

Uniting the maritime industry...will it ever happen? **By Brenda V. Pimentel.** *Manila Times*. 30 September 2017. Available from: <http://www.manilatimes.net/uniting-maritime-industry-will-ever-happen/353644/> For one who has built her career in the world of maritime, I was witness to decades of infighting among maritime agencies which do not seem to agree on the delineation of functions upon the self-proclaimed wisdom that they are the best for the job.

ICS Chairman comments on Arctic shipping. *Ship Management International*. 29 September 2017. Available from: <http://shipmanagementinternational.com/ics-chairman-comments-on-arctic-shipping/> Esben Poulsson, Chairman of the International Chamber of Shipping (ICS) and President, Singapore Shipping Association, gave his view on Arctic shipping at an event hosted by the Arctic Frontiers organised in Singapore this morning (Friday).

On the record: Secondhand news tells a story. **By Steve Willcox.** *Clarksons Shipping Intelligence Network*. 29 September 2017. Available from: <https://sin.clarksons.net/features/details/49697> 2017 is shaping up to be a record year for secondhand sales volumes.

Almost three-quarters of new ships carrying consumer goods already exceed IMO's post-2025 energy efficiency requirement – new study. *Transport & Environment*. 2 October 2017. Available from: <https://www.transportenvironment.org/press/almost-three-quarters-new-ships-carrying-consumer-goods-already-exceed-imo%E2%80%99s-post-2025-energy> The efficiency of the 10% best ships reveals how stringent the requirements should be. [Statistical analysis of the energy efficiency performance \(EEDI\) of new ships](#) [Statistical analysis](#) ;

Asia maritime nations can emulate Hellenic Shipping Industry's strengths. *Hellenic Shipping News*. 2 October 2017. Available from: <http://www.hellenicshippingnews.com/asia-maritime-nations-can-emulate-hellenic-shipping-industrys-strengths/> On the 18th September, the Hellenic Business Network Association, (HBNA) Singapore, organized a briefing seminar titled 'Greeks In Shipping: Perspectives and Opportunities in Asia'.

USVI tourism chief thanks Royal Caribbean, NCL, FCCA for relief missions. **By Anne Kalosh.** *Seatrade Cruise News*. 2 October 2017. Available from: <http://www.seatrade-cruise.com/news/news-headlines/usvi-tourism-chief-thanks-royal-caribbean-ncl-fcca-for-relief-missions.html> Beverly Nicholson-Doty reported more than 1,400 people left the territory on Saturday aboard Royal Caribbean's *Adventure of the Seas*.


Maritime chokepoints: the backbone of international trade. By Eva Grey.

Ship-Technology.Com. 4 October 2017. Available from: <http://www.ship-technology.com/features/featuremaritime-chokepoints-the-backbone-of-international-trade-5939317/> The disruption of just one of the world's eight key maritime chokepoints could have devastating effects on the global food security and put millions of people at risk.

Martin Dorsman appointed as Secretary General of ECSA.

European Community Shipowners' Associations (ECSA). 3 October 2017. Available from: <http://www.ecsa.eu/news/martin-dorsman-appointed-secretary-general-ecsa> ECSA, European Community Shipowners' Associations has appointed Mr. Martin Dorsman (56) as its new Secretary General in Brussels.

Understanding the challenges of climate change regulation in international shipping.

Centre for International Governance Innovation (CIGI). 4 October 2017. Available from: <https://www.cigionline.org/publications/understanding-challenges-climate-change-regulation-international-shipping> This research workshop was co-organized by the Centre for International Governance Innovation (CIGI) and the Marine & Environmental Law (MELAW) Institute at Dalhousie University, Halifax, under the Chatham House Rule. [Full Report](#) 

Is the shipping industry doing its fair share in the global response to climate change?

Centre for International Governance Innovation (CIGI). 3 October 2017. Available from: <https://www.cigionline.org/articles/shipping-industry-doing-its-fair-share-global-response-climate-change> Until recently, efforts to reduce greenhouse gas (GHG) emissions from international shipping were periodically raised under the UN climate regime.

Plotting a more sustainable course for the international shipping sector.

International Transport Forum. 3 October 2017. Available from: <https://www.itf-oecd.org/plotting-more-sustainable-course-international-shipping-sector> International maritime shipping currently accounts for about 800 million tonnes of carbon dioxide equivalent (CO₂e) emissions per year, a figure that could almost double by 2060 under current energy and climate commitments made by the International Maritime Organization.

Pollution from ships is changing maritime weather. *The Economist*. 5 October 2017.

Available from: <https://www.economist.com/news/science-and-technology/21729974-lightning-strikes-are-double-average-shipping-lanes-pollution-ships> Modern, broad-beamed merchant vessels are well able to withstand the rough and tumble of the waves, but sailors still prefer to avoid storms at sea if they can.

Ships in India soon may run on methanol: Nitin Gadkari. *Economic Times (India)*.

3 October 2017. Available from: <http://www.goo.gl/C51JqM> Ships in India may soon run on methanol as Centre is drawing up plans in this regard, Union minister Nitin Gadkari said today.

Strong maritime cluster helps keep island on the shipping map. By Andria Kades.


Cyprus Mail. 8 October 2017. Available from: <http://cyprus-mail.com/2017/10/08/strong-maritime-cluster-helps-keep-island-shipping-map/> Located at the crossroads of three continents, Cyprus has historically played a role in the region's trade, which has been built on in more modern time to create a shipping industry that is now the 11th biggest in the world.

Shipping escapes EU ETS — for now. By Anastassios Adamopoulos. *Lloyd's List*.

6 October 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL111771> EU member states rejected a proposal on Friday to include shipping in the bloc's revised emissions trading systems, temporarily quelling industry concerns over regional rules for reductions in greenhouse gas emissions.

Maritime Cyprus opens on upbeat note. By Bob Jaques. *Seatrade Maritime News.* 10 October 2017. Available from: <http://www.seatrade-maritime.com/news/europe/maritime-cyprus-opens-on-upbeat-note.html> President of the Republic of Cyprus Nicos Anastasiades delivered the opening speech, underlining how "further enhancing the competitiveness of the Cyprus flag and maritime cluster remains one of the most important priorities of government" - as evidenced by creation of a new Deputy Ministry of Shipping that will take effect as of 1 March 2018.

Industry-led task force pushes for decarbonization urgency . *UCL Energy Institute.* 11 October 2017. Available from: <https://www.ucl.ac.uk/bartlett/energy/news/2017/oct/industry-led-task-force-pushes-decarbonization-urgency> The Task Force on Decarbonizing Shipping will bring together leaders and experts from across the maritime industry to develop and mobilise the industry along tangible pathways aligned with ambitious, science-based emission reduction targets.

"Persisting industry challenges remain at the top of the INTERCARGO agenda ...". *International Association of Dry Cargo Shipowners (INTERCARGO).* 10 October 2017. Available from: <https://www.intercargo.org/wp-content/uploads/2017/10/201710101530172258.pdf>  INTERCARGO's Technical and Executive Committees held in Athens their semi-annual meetings on 9 and 10 October 2017, along with a well-attended Dinner Reception on the first day.

Heavy fuel oil ban would raise costs for Nunavut, shipping firms say. By Jane George. *Nunatsiaq News Online (Canada).* 11 October 2017. Available from: http://www.nunatsiaqonline.ca/stories/article/65674heavy_fuel_oil_ban_would_up_costs_for_nunavut_shipping_company_says/ A move underway to reduce and eventually ban the use of heavy fuel oil by Arctic vessels, proposed by Canada and the United Nations agency responsible for shipping and prevention of marine pollution, will increase the cost of living in Nunavut, two regional Arctic shipping companies said last week.

Dubai Maritime Agenda 2017 discusses future of the global maritime sector. *Albawaba (Jordan).* 10 October 2017. Available from: <https://www.albawaba.com/business/pr/dubai-maritime-agenda-2017-discusses-future-global-maritime-sector-1032002> Under the patronage of H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council, the Dubai Maritime City Authority (DMCA) opened the 2nd Dubai Maritime Agenda today (Tuesday, October 10, 2017).

Russia setting up direct shipping line to Syria – TASS. *Reuters.* 10 October 2017. Available from: <https://uk.reuters.com/article/uk-mideast-crisis-syria-russia-agricultu/russia-setting-up-direct-shipping-line-to-syria-tass-idUKKBN1CF21K> Russia is setting up a direct shipping line to Syria and wants its companies to help build an economic recovery in the war-torn Middle Eastern country, the TASS news agency quoted Russian Deputy Prime Minister Dmitry Rogozin as saying on Tuesday.

SCC Conference 2017 - Papers & Presentations. *Low Carbon Shipping & Shipping in Changing Climates.* September 2017. Available from: http://www.lowcarbonshipping.co.uk/index.php?option=com_content&view=article&id=70&Itemid=188

Physical suppliers need to step up now to address real uncertainty over 2020: Bomin.

Ship & Bunker. 12 October 2017. Available from:

<https://shipandbunker.com/news/world/225220-physical-suppliers-need-to-step-up-now-to-address-real-uncertainty-over-2020-bomin> With the "IMO 2020" regulations set to come into

force in just over two years, the time is now for physical suppliers to step up and start to address some real uncertainties for ship owners and operators over compliance with the new rules, Jan Christensen, Global Head of Bunker Operations, Bomin Group, has told Ship & Bunker.

Don't believe the hype - there is a long way to go before digitisation revolutionises container shipping, says Alphaliner. By Gavin van Marle.

The Loadstar. 12 October 2017.

Available from: <https://theloadstar.co.uk/digitisation-wont-provide-predicted-revolution-container-shipping-says-alphaliner/> Predictions that the current crop of disruptive digital start-ups will revolutionise container shipping has been disputed by a leading liner analyst.

EU turns the screws on global carbon cuts: Failure to be bold enough about tackling emissions will backfire for shipping By Harry Papachristou.

TradeWinds.

12 October 2017. Available from: <http://www.tradewindsnews.com/casualties/1361433/eu-turns-the-screws-on-global-carbon-cuts> The global shipping industry must agree to ambitious carbon cut targets or face of the risk of unilateral European Union (EU) action that will be even

tougher to deal with, Europe's official in charge of shipping warned this week.

China's Belt and Road Initiative not all good news for tankers. By Marcus Hand.

Seatrade Maritime News. 16 October 2017. Available from: <http://www.seatrade-maritime.com/news/asia/china-s-belt-and-road-initiative-not-all-good-news-for-tankers.html>

While China's massive BRI programme has already generated \$900bn infrastructure investments it is "not necessarily" good for the tanker market Poter said its weekly report.

Antigua and Barbuda starts maritime single window project. By Wei Zhe Tan.

Lloyd's List.

16 October 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL111881> Project on notifications for vessel port calls facilitated by the International Maritime Organization's technical co-operation programme.

The new normal for flag states. Tanker Shipping & Trade.

16 October 2017. Available from: http://www.tankershipping.com/news/view.the-new-normal-for-flag-states_49547.htm As tanker owners and operators actively seek to improve margins, Cyprus' Department of Merchant Shipping acting director Ioannis Efstratiou explains how flag states can help

60 Second Science: Ships at sea stoke lightning strikes. By Julia Rosen.

Scientific American. 17 October 2017. Available from:

<https://www.scientificamerican.com/podcast/episode/ships-at-sea-stoke-lightning-strikes/> 

Exhaust fumes from ocean-going vessels lead to an almost doubling of lightning activity over shipping lanes compared to adjacent areas of the sea.

Arctic Cruise Conference to mull growth, challenges, opportunities. By Anne Kalosh.

Seatrade Cruise News. 17 October 2017. Available from: <http://www.seatrade-cruise.com/news/news-headlines/arctic-cruise-conference-to-mull-growth-challenges-opportunities.html> On Oct. 18, the Association of Arctic Expeditions Cruise Operators presents its 14th Annual Arctic Cruise Conference.

Canadian Coast Guard wraps up busy Arctic season. By Levon Sevunts.

Radio Canada International (RCI). 17 October 2017. Available from: <http://www.rcinet.ca/eye-on-the-arctic/2017/10/17/canadian-coast-guard-wraps-up-busy-arctic-season/> It was a busy shipping season in the Canadian Arctic that saw 31 complete and 14 partial transits through the Northwest Passage.

Sustainable shipping in light of environmentally sensitive sea areas protection.

Maritime Institute of Malaysia (MIMA). 19 October 2017. Available from:

<http://www.mima.gov.my/index.php/news-list/214-sustainable-shipping-in-light-of-environmentally-sensitive-sea-areas-protection> Regional Workshop on Particularly Sensitive Sea Areas (PSSAs) in Southeast Asia: Trends and Prospects: 11 - 12 October 2017, Singapore.

ICS 'Deeply Concerned' by Canadian Legislation that Will Interfere with International Maritime Trade.

International Chamber of Shipping (ICS). 18 October 2017. Available from:

<http://www.ics-shipping.org/news/press-releases/2017/10/18/ics-deeply-concerned-by-canadian-legislation-that-will-interfere-with-international-maritime-trade> The Canadian Parliament is giving consideration to legislation that would have the effect of establishing a moratorium on the shipment of crude oil in the waters of Northern British Columbia (Bill C-48: An Act respecting the regulation of vessels that transport crude oil or persistent oil to or from ports or marine installations located along British Columbia's north coast).

Regulating ship speed could cut emissions by a third. *Transport & Environment*.

18 October 2017. Available from: <https://www.transportenvironment.org/press/regulating-ship-speed-could-cut-emissions-third-%E2%80%93-study> Greenhouse gas emissions from three ship types – containerships, bulkers and tankers – could be reduced by a third, on average, by reducing their speed, according to a new independent study that will be presented to the International Maritime Organisation (IMO) next week.

Regulating speed: a short-term measure to reduce maritime GHG emissions. *CE Delft*.

18 October 2017. Available from: <http://www.cleanshipping.org/download/Slow-steaming-CE-Delft-final.pdf> Shipping GHG emissions are projected to increase by 20-120% between 2012 and 2050, in fact, they have increased by 2.4% in the period 2013-2015.

Live Animals Exports: Dirty deeds, done dead cheap. *By Dr Lynn Simpson, Veterinarian.*

Splash 24/7. 19 October 2017. Available from: <http://splash247.com/live-animal-exports-dirty-deeds-done-dead-cheap/> Apologies to all who have asked me for details regarding the reports deaths of 3,027 (4.36%) of the sheep loaded in Fremantle, Australia onto the *Al Messilah* last July destined for arrival into a Middle Eastern summer.

Transport Sector Is "Off Track" to Sustainability. *World Bank*. 19 October 2017.

Available from: <http://www.worldbank.org/en/news/press-release/2017/10/19/transport-sector-is-off-track-to-sustainability> The transport sector is not on track towards achieving sustainable mobility, according to the Global Mobility Report launched today.

Global Mobility Report 2017: Tracking Sector Performance. *Sustainable Mobility for All*

(*SuM4All*). October 2017. Available from: <http://www.goo.gl/NtQXF1> We know that mobility will increase as more people and goods move across towns and across the globe: by 2030, annual passenger traffic will exceed 80 trillion passenger-kilometers-a 50 percent increase compared to 2015; global freight volumes will grow by 70 percent compared to 2015; and an additional 1.2 billion cars will be on the road-double today's total.

Maersk backs fuel ban in sulfur debate. *By Katrine Grønvald Raun. ShippingWatch.*

23 October 2017. Available from: <http://shippingwatch.com/secure/carriers/article9969773.ece> Maersk Line supports banning vessels from sailing with fuel, which exceeds the 0.5-percent global sulfur limit, set to take force from Jan. 1, 2020, says Ole Graa Jakobsen, Head of Fleet Technology at Maersk Line, to ShippingWatch.

Hollywood Heavy Hitters! Cargo Vessels Still Getting Bigger. By Karl Williams.

Clarksons Shipping Intelligence Network. 20 October 2017. Available from:

<https://sin.clarksons.net/features/details/49792> It's a classic movie theme: in order to overcome potential challenges or make the most of upcoming opportunities, the protagonist first has to hit the gym and get bigger, stronger and fitter.

Shipping industry: We actively work for the environment. By Louise Vogdrup-Schmidt and Katrine Grønvald Raun.

ShippingWatch. 23 October 2017. Available from:

<http://shippingwatch.com/secure/carriers/article9970285.ece> The major shipping organizations reject criticism that they are hindering efforts to reduce maritime CO2 emissions.

Armenia could have own fleet. By Siranush Ghazanchyan.

Public Radio of Armenia. 23 October 2017. Available from:

<http://www.armradio.am/en/2017/10/23/armenia-could-have-own-fleet/> Armenia may have its own fleet if the National Assembly ratifies the Convention on the International Maritime Organization (IMO) signed in Geneva, on March 6, 1948.

Indonesia Must Grapple With Challenges if It Is to Become Global Maritime Fulcrum: Experts.

Jakarta Globe. 23 October 2017. Available from:

<http://jakartaglobe.id/news/indonesia-must-grapple-challenges-become-global-maritime-fulcrum-experts/> Indonesia must enforce strong maritime diplomacy, invest more on ocean education and research and conclude ongoing negotiations on overlapping maritime claims to become a global maritime fulcrum as envisioned by President Joko "Jokowi" Widodo, experts said during a panel discussion on Saturday (21/10)


Road to becoming a maritime hub - opportunities and challenges.

Daily Mirror (Sri Lanka). 23 October 2017. Available from:

<http://www.dailymirror.lk/article/Road-to-becoming-a-maritime-hub-opportunities-and-challenges-138984.html> Sri Lanka's journey in becoming a maritime hub is put on the fast track with the signing of the Hambantota port agreement and the expedition the Colombo Port Expansion project.

How container shipping could reinvent itself for the digital age. By Steve Saxon and Matt Stone.

McKinsey & Company. October 2017. Available from:

<https://www.mckinsey.com/industries/travel-transport-and-logistics/our-insights/how-container-shipping-could-reinvent-itself-for-the-digital-age> When McKinsey investigated containerization in 1967, we found that industry players would have to rethink everything. Is it time to rethink everything again? [Container Shipping: The next 50 years](#) 

Abandon requirement of shipping in EU's Emissions Trading System.

Danish Shipping. 25 October 2017. Available from:

<https://www.danishshipping.dk/en/press/news/abandon-requirement-of-shipping-in-eus-emissions-trading-system> The European Parliament and the EU Member States still have not reached an agreement regarding the EU's Emissions Trading System, EU ETS. European shipping is therefore still at risk of being subject to unilateral EU regulation rather than supporting the global process.

Shipping: Exploring the deeper, darker depths of the bunker industry. By Jack Jordan.

S&P Global Platts. 24 October 2017. Available from:

<http://blogs.platts.com/2017/10/24/shipping-darker-depths-of-bunker-industry/> Three stories are floating around the bunker press at the moment, highlighting the darker side of the industry at a time when it's trying to improve its reputation.

RMT - Continued Investment In Ever Larger Ships, Yet Supply Does Not Create Demand, Says United Nations.

United Nations Conference on Trade and Development (UNCTAD).

25 October 2017. Available from:

<http://unctad.org/en/pages/PressRelease.aspx?OriginalVersionID=433> Seaborne trade grew by 2.6% in 2016, to reach 10.3 billion tons, but the pace remained below the historical 3% average, and demand for maritime shipping continued to lag behind supply, a new United Nations report says.

RMT - Low Shipping Connectivity Makes Weaker Economies More Vulnerable.

United Nations Conference on Trade and Development (UNCTAD). 25 October 2017.

Available from: <http://unctad.org/en/pages/PressRelease.aspx?OriginalVersionID=434>

In a globalized world, trade, communication and finance depend on the possibilities for people, companies and societies to connect, and there is a growing rift between the best- and worst-connected countries, a new United Nations report says.

Maritime agency seeks substantive boss after two-year wait . By Gitonga Marete.

Business Daily (Kenya). 24 October 2017. Available from:

<http://www.businessdailyafrica.com/corporate/shipping/Maritime-agency-seeks-substantive-boss-after-two-year-wait/4003122-4154172-cc9csh/index.html> The Kenya Maritime Authority (KMA) has finally kicked off the process of recruiting its director-general, two-and-half years after the exit of current Shipping and Maritime Affairs principal secretary Nancy Karigithu.

UNCTAD flags oligopoly concerns amid unprecedented container shipping consolidation.

By Sam Chambers. *Splash 24/7.* 26 October 2017. Available from:

<http://splash247.com/unctad-flags-oligopoly-concerns-amid-unprecedented-container-shipping-consolidation/> The United Nations Conference on Trade Development (UNCTAD) has issued its latest maritime report buried deep in which is a suggestion that could alarm senior liner executives.

Frank talk on rebuilding and resilience in a very vulnerable region. By Anne Kalosh.

Seatrade Cruise News. 29 October 2017. Available from: [http://www.seatrade-](http://www.seatrade-cruise.com/news/news-headlines/frank-talk-on-rebuilding-and-resilience-in-a-very-vulnerable-region.html)

[cruise.com/news/news-headlines/frank-talk-on-rebuilding-and-resilience-in-a-very-vulnerable-region.html](http://www.seatrade-cruise.com/news/news-headlines/frank-talk-on-rebuilding-and-resilience-in-a-very-vulnerable-region.html) There were encouraging words about post-hurricane resilience at the Florida-Caribbean Cruise Association's annual conference.

Shipping Industry 'Broadly Satisfied' with IMO Progress on CO2 Strategy - but Much Work Still to be Done.

International Chamber of Shipping (ICS). 27 October 2017.

Available from: <http://www.ics-shipping.org/news/press-releases/2017/10/27/shipping-industry-%27broadly-satisfied%27-with-imo-progress-on-co2-strategy---but-much-work-still-to-be-done>

The International Chamber of Shipping (ICS), BIMCO, INTERCARGO and INTERTANKO represented the global shipping industry throughout this week's intensive discussions at the UN International Maritime Organization (IMO), which continued the development of a comprehensive CO2 reduction strategy for the international shipping sector.

Shipping still a way off from final CO2 target. By Søren Pico and Tomas Kristiansen.

ShippingWatch. 27 October 2017. Available from:


<http://shippingwatch.com/secure/carriers/article9983409.ece> The IMO has now emerged with a draft for a climate strategy in the IMO.

Shipping's focus on carbon emissions to hasten pace of LNG bunkering. By Surabhi Sahu. *S&P Global Platts*. 27 October 2017. Available from: <https://www.platts.com/latest-news/shipping/singapore/shippings-focus-on-carbon-emissions-to-hasten-27882901>

Increasing focus on carbon emissions and with the International Maritime Organization's global sulfur cap set to kick in from 2020, shipowners are eyeing LNG dual fueled engines for newbuilds to stay flexible in an uncertain price environment, sources said at an industry event Thursday.

Ship operating costs are set to increase for 2017 and 2018 . By Richard Greiner.

Moore Stephens. 26 October 2017. Available from: <https://www.moorestephens.co.uk/news-views/october-2017/ship-operating-costs-increase-2017-2018> Vessel operating costs are expected to rise in both 2017 and 2018, according to our latest survey.

[Future operating costs report](#) 

RESEARCH

Linking sea level rise and socioeconomic indicators under the Shared Socioeconomic Pathways. By Alexander Nauels, Joeri Rogelj et al. *Environmental Research Letters*. (2017). Available from: <http://stacks.iop.org/1748-9326/12/i=11/a=114002> In order to assess future sea level rise and its societal impacts, we need to study climate change pathways combined with different scenarios of socioeconomic development.

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.

Current and previous issues of CAB are archived at:
[Maritime Knowledge Centre](#)

To subscribe or unsubscribe, send an email with your contact details to:
maritimeknowledgecentre@imo.org

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.