

**INTERNATIONAL MARITIME ORGANIZATION**

**MARITIME KNOWLEDGE CENTRE**

*“sharing maritime knowledge”*

**CURRENT AWARENESS BULLETIN**

**November 2017**



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## About the MKC Current Awareness Bulletin (CAB)

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

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

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

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

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## **IMO / UNITED NATIONS NEWS & EVENTS**

### **WHAT'S NEW**

#### **IMO Secretary-General outlines challenges facing the Organization**

Assembly, 30th session, 27 November to 6 December 2017: Climate change, digital disruption and sustainable development among key areas as IMO moves into new era.

The Secretary-General of the International Maritime Organization (IMO), Mr. Kitack Lim, has urged Member States to seize the opportunity to set bold and ambitious goals, when they adopt an initial strategy for reducing greenhouse gas emissions from international shipping in 2018.

Speaking (full [speech here](#)) at the opening of the Organization's 30th Assembly session, Secretary-General Lim told delegates the whole world would be watching IMO in 2018, looking for something of real substance. [Full Story](#)

#### **International Maritime Prize for 2016 presented to Koji Sekimizu**

The prestigious International Maritime Prize for 2016 has been presented to Mr. Koji Sekimizu, former Secretary General of the International Maritime Organization (IMO), for his contribution to the work of IMO over many years.

IMO Secretary-General Kitack Lim presented the prize on Monday (27 November) at the IMO awards ceremony.

"Mr. Sekimizu has dedicated his career and his lifetime to promoting safety of life at sea and protecting the marine and atmospheric environment. He is truly deserving of the International Maritime Prize," Mr. Lim said. [Full Story](#)

#### **Flame-defying maritime pilots recognized with IMO bravery accolade**

Two maritime pilots who defied fire to bring a burning ship to safety, averting a major maritime catastrophe, received the 2017 IMO Award for Exceptional Bravery at Sea during the 2017 IMO awards ceremony, held on Monday (27 November).

Pilots Captain Michael G. McGee and Captain Michael C. Phillips, from Houston, United States, were recognized for their role in averting a major tragedy in September 2016. The ship they were piloting, the 247 meters-long tanker Aframax River, broke down in the Houston Ship Channel in the middle of the night and burst into flames after colliding with mooring dolphins. [Full Story](#)

## **IMO MEETINGS FOR 2017**

IMO Assembly, 30<sup>th</sup> session (27/11/2017 – 6/12/2017)

[IMO Council, 29<sup>th</sup> extraordinary session](#) (23/11/2017 – 24/11/2017)

## **IMO PRESS BRIEFINGS**

[Cooperation for oil spill preparedness in west, central and southern Africa](#)

Briefing: 31, November 17, 2017

[Port State control regimes move to boost collaboration, harmonization and information sharing](#)

Briefing: 30, November 6, 2017

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

[IMO Awards Ceremony](#), 27 November 2017

IMO Assembly, 30<sup>th</sup> session, 27 November – 6 December 2017 ([Opening](#) address)

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


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

## UNITED NATIONS NEWS

**Governments and non-state actors need to take urgent action to meet Paris Agreement goals.** *United Nations Environment Programme (UNEP)*. 31 October 2017. Available from: <http://www.goo.gl/9nsBds> Governments and non-state actors need to deliver an urgent increase in ambition to ensure the Paris Agreement goals can still be met, according to a new UN assessment.

**Emissions Gap Report.** *United Nations Environment Programme (UNEP)*. 31 October 2017. Available from: <http://www.goo.gl/FsRosA> The goal of the Paris Agreement on climate change, as agreed at the Conference of the Parties in 2015, is to keep global temperature rise this century to well below 2 degrees Celsius above pre-industrial levels.

[The Emissions Gap Report 2017](#) 

**UN Climate Change Conference 2017 Aims for Further, Faster Ambition Together.** *United Nations Framework Convention on Climate Change (UNFCCC)*. 5 November 2017. Available from: <https://cop23.unfccc.int/news/un-climate-change-conference-2017-aims-for-further-faster-ambition-together>  The 2017 UN Climate Change Conference opens on Monday, with the aim of launching nations towards the next level of ambition needed to tackle global warming and put the world on a safer and more prosperous development path.


**UN climate conference aims for greater ambition as 2017 set to be among top three hottest years.** *UN News Centre*. 6 November 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=58031> The United Nations Climate Conference opened on Monday in Bonn, Germany, with the aim of a greater ambition for climate action, as the world body's weather agency issued a stark warning that 2017 is set to be among the three hottest years on record.

**Unanimously Adopting Resolution 2383 (2017), Security Council Renews Authorization for International Naval Forces to Fight Piracy off Coast of Somalia.** *United Nations*. 7 November 2017. Available from: <https://www.un.org/press/en/2017/sc13058.doc.htm> The Security Council today renewed for another year its authorization for international naval forces to join in fighting piracy off Somalia's coast, underscoring that such crime exacerbated instability in the country and fuelled corruption and terrorism.

**Bonn: Participants at UN conference examine human mobility in an era of climate change.** *UN News Centre*. 8 November 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=58054> As the number of people displaced worldwide due to climate change-related events continues to grow, the United Nations and its partners are focusing on regional approaches, framed by existing practice, to respond to the issue of 'climate refugees.'

**Bonn: UN chief urges more ambition, leadership and partnerships on climate action.** *UN News Centre*. 15 November 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=58090> Addressing the United Nations Climate Conference (COP23) in Bonn, Germany, on Wednesday, Secretary-General António Guterres called for more ambition, more leadership and more partnerships to tackle climate change.

**Concrete Climate Action Commitments at COP23.** *United Nations Framework Convention on Climate Change (UNFCCC)*. 17 November 2017. Available from:

<https://cop23.unfccc.int/news/concrete-climate-action-commitments-at-cop23>  As the UN Climate Change Conference comes down to the last day and governments work to complete the final negotiation decisions, it's good to be reminded of the new wave of climate action that has been announced during COP23 from countries, cities, states, regions, business and civil society.

**World community has 'collective responsibility' to stop human trafficking, support victims – UN chief.** *UN News Centre*. 21 November 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=58137> Briefing the Security Council Tuesday, top United Nations officials, including the Secretary-General and the head of the Organization's anti-crime office, underscored the international community's collective responsibility to stop criminals and terrorists from preying on vulnerable populations and migrants.



**UN chief 'horrified' at buying and selling of African migrants in Libya.** *UN News Centre*. 20 November 2017. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=58127> Expressing horror at news reports and videos showing African migrants in Libya allegedly being sold as slaves, United Nations Secretary-General António Guterres on Monday called on the authorities to urgently investigate the situation and bring the perpetrators to justice.


## CASUALTIES

**Incident Photos: Bulk Carrier *GLORY AMSTERDAM* Aground Off Germany.**

By Mike Schuler. *gCaptain*. 30 October 2017. Available from: <http://gcaptain.com/photos-bulk-carrier-glory-amsterdam-aground-off-germany/> Salvors are monitoring the 225-meter bulk carrier *MV Glory Amsterdam* which ran aground in the North Sea about 1.3 miles from the German island of Langeoog on Sunday night.

**Accident Investigation Report 24/2017: Collision between high-speed passenger catamaran *Typhoon Clipper* and workboat *Alison*.** *UK Marine Accident Investigation Branch (MAIB)*. 2 November 2017. Available from: <https://www.gov.uk/maib-reports/collision-between-high-speed-passenger-catamaran-typhoon-clipper-and-workboat-alison> At 1108 on 5 December 2016 the high-speed passenger catamaran *Typhoon Clipper* and the workboat *Alison* collided adjacent to Tower Millennium Pier on the River Thames. [Report](#)  [Annexes](#) 

**Navy Releases Collision Report for *USS Fitzgerald* and *USS John S McCain* Collisions.**

*United States Navy*. 1 November 2017. Available from: [http://www.navy.mil/submit/display.asp?story\\_id=103130](http://www.navy.mil/submit/display.asp?story_id=103130) The Navy released Nov. 1, a report detailing the events and actions that led to the collision of *USS Fitzgerald* (DDG 62) and *ACX Crystal* off the coast of Japan June 17, and the collision of *USS John S. McCain* (DDG 56) and merchant vessel *Alnic MC* Aug. 21. [Collision Reports](#)  [Collision Map Graphics](#)


**'*Glory Amsterdam*' freighter may remain stuck on German sandbar until Friday.**

By Andrea Shalal. *Reuters*. 1 November 2017. Available from: <http://www.goo.gl/BRRXRw> It may take until Friday to free the grounded freighter "*Glory Amsterdam*" from a sand bar near the North Sea island of Langeoog, German authorities said on Wednesday, but no holes or cracks are evident in the ship's hull to trigger an oil leak.

**Cargo ship with 10 crew sinks in Black Sea, coast guard reports.** By Can Sezer. *Reuters*. 1 November 2017. Available from: <http://www.reuters.com/article/us-turkey-ship/cargo-ship-with-10-crew-sinks-in-black-sea-coast-guard-reports-idUSKBN1D13TQ> A Turkish cargo ship with 10 crew on board sank in the Black Sea near the Asian side of Istanbul early on Wednesday morning, according to the coast guard.

**Rough Seas Causing Further Damage to *Kea Trader*.** *World Maritime News*. 3 November 2017. Available from: <http://worldmaritimeneews.com/archives/234179/rough-seas-causing-further-damage-to-kea-trader/> Boxship *Kea Trader*, which is still stuck on the Durand Reef off New Caledonia, is being affected by a constant, heavy movement of the sea, even in good weather, the ship's owner Lomar Shipping said.

**Pilot fatalities: Not easy reading.** By Stevie Knight. *Maritime Journal*. 2 November 2017. Available from: <http://www.maritimejournal.com/news101/onboard-systems/safety,-survival-and-training/pilot-fatalities-not-easy-reading> Sadly, there have now been not one but two pilot fatalities involving the boarding of smaller vessels inside a year Don Cockrill, Secretary-General of the United Kingdom Maritime Pilots' Association (UKMPA) told 'MJ'.

**Accident Investigation Report 25/2017: Cargo collapse on bulk carrier *Graig Rotterdam* with loss of 1 life.** *UK Marine Accident Investigation Branch (MAIB)*. 9 November 2017. Available from: <https://www.gov.uk/maib-reports/cargo-collapse-on-bulk-carrier-graig-rotterdam-with-loss-of-1-life> On 18 December 2016, the bulk carrier *Graig Rotterdam* was discharging a deck cargo of packaged timber at anchor in Alexandria Port, Egypt. [Report](#) 

**Tragedy Strikes As Port Worker Killed At ICTSI Terminal in Jakarta.** *International Transport Workers' Federation (ITF)*. 9 November 2017. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2017/november/tragedy-strikes-as-port-worker-killed-at-ictsi-terminal-in-jakarta/> The international dockworkers' community is in mourning following the death of an Indonesian worker who was killed on the job at the International Container Terminal Services Inc (ICTSI) facility in Jakarta overnight.

**Coast Guard, BSEE responding to oil platform fire.** *US Bureau of Safety and Environmental Enforcement (BSEE)*. 8 November 2017. Available from: <https://www.bsee.gov/newsroom/latest-news/statements-and-releases/press-releases/coast-guard-bsee-responding-to-oil> The Coast Guard and the Bureau of Safety and Environmental Enforcement (BSEE) are responding to a report of an oil platform fire in the Gulf of Mexico, Wednesday.

**Lomar's grounded boxship splits in two off New Caledonia.** By Sam Chambers. *Splash 24/7*. 13 November 2017. Available from: <http://splash247.com/lomars-grounded-boxship-splits-two-off-new-caledonia/> The vessel, delivered from a yard in China earlier this year, ran aground on July 12 after hitting the Durand Reef, near New Caledonia in the Pacific Ocean

**Twenty-Nine Injured in Algerian Ferry Fire.** *Maritime Executive*. 12 November 2017. Available from: <https://maritime-executive.com/article/twenty-nine-injured-in-algerian-ferry-fire> At least 29 people have been injured after a fire broke out on a passenger ferry on route to Algeria from the French city of Marseilles.

**Lomar vows to remove wrecked boxship off reef.** By Sam Chambers. *Splash 24/7*. 14 November 2017. Available from: <http://splash247.com/lomar-vows-remove-wrecked-boxship-off-reef/> The owners of the *Kea Trader* boxship, which has split in two on a reef off New Caledonia, have vowed to remove the wrecked ship.

**Flashback in maritime history: *Prestige* sinking and oil spill - 19 November 2002.** *Maritime Cyprus*. 19 November 2017. Available from: <https://maritimecyprus.com/2017/11/19/flashback-in-maritime-history-prestige-sinking-and-oil-spill-19-november-2002/> It had been carrying a cargo of 77,000 metric tons of heavy fuel oil from Russia and Latvia to Singapore when it encountered heavy weather on 13 November.

**The London P&I Club - *Prestige*: Pollution Incident Update.** *London P&I Club*. 17 November 2017. Available from: <https://www.londonpandi.com/article/1215/the-london-p-i-club-prestige-pollution-incident-update/> Members may have received press and other reports of a recent judgment in Spain involving the 2002 loss of and pollution from the *Prestige*.

***MV Emerald Star* sinking: Kin of lost sailors stay afloat on hope.** By Paras Singh. *Times of India*. 19 November 2017. Available from: <https://timesofindia.indiatimes.com/city/delhi/mv-emerald-star-sinking-kin-of-lost-sailors-stay-afloat-on-hope/articleshow/61706724.cms> More than a month after *Emerald Star* sank when it was caught in a storm off the coast of Japan, 10 Indian sailors are still missing.

**All 11 crewmembers of storm-stricken Russian vessel rescued near Turkey's shore.** By Konstantin Shcherbina. *TASS Russian News Agency*. 21 November 2017. Available from: <http://tass.com/world/976723> The *Neftudovoz-29*, was hammered by a storm near Turkey's port of Bartın, have been brought to the shore and are safe now, ex-Director of MBS-Shipping (the vessel's operator) Konstantin Shcherbina told TASS.

**Ferry Crashes into Port Building, 181 Passengers Evacuated** . *World Maritime News*. 24 November 2017. Available from: <http://worldmaritimeweb.com/archives/236076/ferry-crashes-into-port-building-181-passengers-evacuated/> The Indonesian-flagged Jetliner ferry carrying 181 passengers on board smashed into a port office building while approaching Kendari port, southeast Sulawesi island, Indonesia, on November 23.

**Disabled cargo ship arrives in Argentina after going adrift near Cape St. Mary's.** *Canadian Broadcasting Corporation (CBC)*. 26 November 2017. Available from: <http://www.cbc.ca/news/canada/newfoundland-labrador/ship-adrift-mv-jana-coast-guard-1.4420435> 🇨🇦 The Canadian Coast Guard was forced to send help on Sunday as the ship formerly known as *Jana* was disabled and drifting - again, and the vessel is now safely docked in Argentina, N.L., after being towed there overnight.

**Pak Navy rescues stranded Yemeni cargo boat.** *The Nation (Pakistan)*. 28 November 2017. Available from: <http://nation.com.pk/28-Nov-2017/pak-navy-rescues-stranded-yemeni-cargo-boat> The Pakistan Navy rescued a stranded Yemeni cargo boat drifting in the Gulf of Aden by taking it to Somalian shores, said a Press release issued here on Monday.

**Stranded barge safe and under tow heading north from Bella Bella.** By Yvette Brend. *Canadian Broadcasting Corporation (CBC)*. 27 November 2017. Available from: <http://www.cbc.ca/news/canada/british-columbia/barge-oil-stranded-bella-bella-1.4421347> A massive oil-loaded barge stranded near Bella Bella B.C., after it was hit by heavy seas, is now safe and under tow, says a captain in charge of the rescue.

**Tug accident highlights safety issues off Canada.** By Martyn Wingrove. *Tug Technology & Business*. 29 November 2017. Available from: [http://www.tugtechnologyandbusiness.com/news/view,tug-accident-highlights-safety-issues-off-canada\\_50048.htm](http://www.tugtechnologyandbusiness.com/news/view,tug-accident-highlights-safety-issues-off-canada_50048.htm) A fuel-loaded barge was adrift from a tugboat in a sensitive marine environment off British Columbia, Canada.



**Update: State begins reef damage assessment, final preps being made to remove *Pacific Paradise* from Kaimana Beach, Oahu.** *United States Coast Guard*. 29 November 2017. Available from: <https://content.govdelivery.com/accounts/USDHSCG/bulletins/1c86e32> A team from the State of Hawaii is beginning their reef damage assessment Wednesday as final preparations are made by responders in advance of another attempt to remove the 79-foot fishing vessel *Pacific Paradise* Friday or Saturday depending on the weather.

## ENVIRONMENT


**How will China's ambitious new Silk Road impact climate change? By Lou Del Bello.** *IRIN*. 31 October 2017. Available from: <https://www.irinnews.org/analysis/2017/10/31/how-will-china-s-ambitious-new-silk-road-impact-climate-change> Stretching through Southeast Asia, Africa, and Europe, the Belt and Road project is a sophisticated network of corridors, ports, power plants, and industrial infrastructure that promises to share the benefits of more than \$1 trillion in economic development with communities and governments across 65 nations.

**Under pressure. By Julie Cohen.** *University of California, Santa Barbara*. 30 October 2017. Available from: <http://www.news.ucsb.edu/2017/018482/under-pressure> Postdoctoral scholar Erin Meyer-Gutbrod shows that right whales, already an endangered species, may face a dim future.

**Is the Paris climate deal legally binding or not? By Timmons Roberts and Angelica Arellano.** *Climate Home*. 2 November 2017. Available from: <http://www.climatechangenews.com/2017/11/02/paris-climate-deal-legally-binding-not/> When Donald Trump announced he intended to leave the Paris climate deal, he blamed the "draconian financial and economic burdens the agreement imposes on our country".

**Peak emissions report gives reasons to be hopeful about the Bonn climate summit. By Dave Keating.** *Deutsche Welle (Germany)*. 2 November 2017. Available from: <http://m.dw.com/en/peak-emissions-report-gives-reasons-to-be-hopeful-about-the-bonn-climate-summit/a-41206340> The COP23 climate conference that will take place in Bonn over the next two weeks don't have the sexiness of the COP21 summit in Paris two years ago.

**Fossil fuel companies undermining Paris agreement negotiations – report. By Michael Slezak.** *The Guardian*. 1 November 2017. Available from: <https://www.theguardian.com/environment/2017/nov/01/fossil-fuel-companies-undermining-paris-agreement-negotiations-report> Global negotiations seeking to implement the Paris agreement have been captured by corporate interests and are being undermined by powerful forces that benefit from exacerbating climate change, according to a report released ahead of the second meeting of parties to the Paris agreement – COP23 – next week.

**Polluting Paris: How Big Polluters are undermining global climate policy.** *Corporate Accountability*. 1 November 2017. Available from: <https://www.corporateaccountability.org/resources/polluting-paris-big-polluters-undermining-global-climate-policy/> In November 2017, during one of the most unprecedented periods of climate-related extreme weather events and humanitarian crises, governments will once again gather in Bonn, Germany, for the 23rd Conference of the Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC). [Executive Summary](#) [Full Report](#) 

**Underwater noise is a big issue when installing offshore wind farms - so what if we could reduce the noise at source? By René Smidt Lützen.** *Lloyd's Register*. 3 November 2017.

Available from: <http://www.lr.org/en/news-and-insight/articles/underwater-noise-windfarms.aspx>  
Construction of offshore wind turbine foundations is mostly done via pile driving using hydraulic hammers.

**MSC Signs Declaration to Fight Illegal Wildlife Trafficking.**

*Port Technology International*. 3 November 2017. Available from:

<https://www.porttechnology.org/news/msc-signs-declaration-to-fight-illegal-wildlife-trafficking>  
Mediterranean Shipping Company (MSC) has pledged to combat illegal wildlife trafficking after signing the Buckingham Palace Declaration at a ceremony in London with HRH Prince William, the Duke of Cambridge.

**Developing regional capacity for ocean acidification observations in the Western Indian Ocean in support of the Sustainable Development Goal 14.** *UNESCO*. 3 November 2017.

Available from: <http://www.unesco.org/new/en/natural-sciences/ioc-oceans/single-view-oceans/news/developing-regional-capacity-for-ocean-acidification-observa/> The ocean absorbs up to 30% of the annual emissions of anthropogenic CO<sub>2</sub> to the atmosphere, helping to alleviate the impacts of climate change on our planet.

**German Government Backs Robust Response to Shipping GHG Emissions.** *Ship & Bunker*.


7 November 2017. Available from: <https://shipandbunker.com/news/emea/127069-german-government-backs-robust-response-to-shipping-ghg-emissions> The German environment ministry is backing a "business-focused approach" to limiting greenhouse gas (GHG) emissions from shipping at an event held prior to the UN Convention on Climate Change (UNFCCC) next week.

**2017 is set to be in top three hottest years, with record-breaking extreme weather.**

*World Meteorological Organization (WMO)*. 6 November 2017. Available from:

<https://public.wmo.int/en/media/press-release/2017-set-be-top-three-hottest-years-record-breaking-extreme-weather> It is very likely that 2017 will be one of the three hottest years on record, with many high-impact events including catastrophic hurricanes and floods, debilitating heatwaves and drought.

**Developing Countries to Showcase Their Climate Actions.** *United Nations Framework Convention on Climate Change (UNFCCC)*. 7 November 2017. Available from:

<https://cop23.unfccc.int/news/developing-countries-to-showcase-their-climate-actions> 

At the UN Climate Change Conference in Bonn, five developing countries will present their achievements and outline the different challenges they face in their actions to limit their greenhouse gas emissions to date.

**EU delivers on blue economy commitments made at Our Ocean conference.**

*European Commission*. 9 November 2017. Available from: [https://ec.europa.eu/fisheries/eu-delivers-blue-economy-commitments-made-our-ocean-conference-0\\_en](https://ec.europa.eu/fisheries/eu-delivers-blue-economy-commitments-made-our-ocean-conference-0_en) In a rapid follow up to the EU-hosted 2017 Our Ocean conference, and in the run-up to the COP23 Ocean Day in Bonn (11 November), the European Commission today launched a new EUR 14.5 million investment initiative to further promote sustainable blue growth across the EU.

**No Green without Blue: More needed to tackle ocean acidification and to support the blue economy, EU Bank Vice-President tells COP23.** *European Investment Bank*.


11 November 2017. Available from: <http://www.goo.gl/AfHafo> Speaking at Oceans Action Day, at the COP23 UN Climate Conference in Bonn the Vice-President in charge of Climate Action and Environment at the European Investment Bank (EIB) has urged the global community to do more protect oceans and support the blue economy.

**10 Science Must Knows on Climate Change Presented at COP23** . *United Nations Framework Convention on Climate Change (UNFCCC)*. 10 November 2017. Available from: <https://cop23.unfccc.int/news/10-science-must-knows-on-climate-change-presented-at-cop23>  
As global temperatures climb higher, Earth is approaching tipping points that threaten human security, warn scientists in a new statement to national representatives meeting in Bonn for the annual climate talks.


**Marine reserves are climate reserves: Mexico has the chance to protect its ocean and fight climate change.** **By Callum Roberts, Marine Conservation Biologist and Professor, University of York.** *Thomson Reuters Foundation*. 10 November 2017. Available from: <http://news.trust.org/item/20171110114622-ij16u/> When world leaders adopted the Paris Agreement two years ago at the UNFCCC COP21, its text included a critical word that will help us to fight climate change: ocean.

**Climate Reality: Confronting Sea Level Rise.** *Organisation of Eastern Caribbean States (OECS)*. 13 November 2017. Available from: <https://pressroom.oecs.org/climate-reality-confronting-sea-level-rise> As large ocean states, maritime matters are at the forefront of climate change discussions in the OECS and have been linked to every Sustainable Development Goal (SDG) given the significant role it plays in the daily lives of residents.

**The decarbonising debate.** **By Dr Jenifer Baxter, Head, Environment and Energy, Institution of Mechanical Engineers.** *Splash 24/7*. 17 November 2017. Available from: <http://splash247.com/the-decarbonising-debate/> This year I was fortunate enough to be invited to deliver the keynote speech at the Ambition 1.5 degree C Summit at COP23 in Bonn.

**The environmental cost of free two-day shipping.** *University of California*. November 2017. Available from: <https://www.universityofcalifornia.edu/climate-lab>  Follow conservation scientist and UCLA visiting researcher M. Sanjayan as he explores surprising ways to change how we think and act about climate change.

**How the Philippines' Coral Heart Keeps Beating.** **By Michael Greshko.** *National Geographic*. 17 November 2017. Available from: <https://www.nationalgeographic.com/photography/proof/2017/11/tubbataha-coral-reef-philippines-unesco-world-heritage-site-sulu-sea/> As corals worldwide find themselves besieged, Tubbataha Reef remains shockingly pristine.

**Global Ocean Science Report.** *UNESCO*. November 2017. Available from: <https://en.unesco.org/gosr> The Global Ocean Science Report (GOSR) assesses for the first time the status and trends in ocean science capacity around the world. [Report](#) 

**Ocean acidification: climate change's evil twin.** **By Lars Bevinger.** *Deutsche Welle (Germany)*. 21 November 2017. Available from: <http://www.dw.com/en/ocean-acidification-climate-changes-evil-twin/a-41471258> A recent report shows rising CO2 levels in the atmosphere are about to make the world's oceans uninhabitable for many sea creatures, threatening entire ocean ecosystems.

**Opening Oceans: The next evolution of maritime.** *Fathom News*. 25 November 2017. Available from: <http://www.fathom-news.com/opening-oceans-next-evolution-maritime/> The changing dynamics of society, coupled with new technologies, both in terms of digital solutions and industrial capabilities, are opening up a new maritime world.

**Mexico creates vast new ocean reserve to protect 'Galapagos of North America'.**

**By Mattha Busby.** *The Guardian*. 25 November 2017. Available from:

<https://www.theguardian.com/environment/2017/nov/25/mexico-creates-vast-new-ocean-reserve-to-protect-galapagos-of-north-america>

The protection zone spans 57,000 sq miles (150,000 sq km) around the Revillagigedo islands, which lie 242 miles (390 km) south-west of the Baja California peninsula.

[President Enrique Peña Nieto signs Revillagigedo National Park Decree](#)

**Environment ministers on Barents coast to discuss Arctic sea safety and climate change.**

**By Thomas Nilsen.** *Independent Barents Observer (Norway)*. 24 November 2017.

Available from: <https://thebarentsobserver.com/en/ecology/2017/11/environmental-ministers-meet-barents-sea-coast>

Environmental ministers from Norway and Sweden, plus an advisor for Russia's minister and Finland's Permanent Secretary in the environmental ministry will get first-hand knowledge about how Vardø Vessel Traffic Service controls the sea traffic off Norway's Arctic coast.

**Community of states must develop climate protection strategy for maritime shipping**

**German shipowners welcome EU commitment to global regulation.** *German Shipowners' Association (Verband Deutscher Reeder, VDR)*. 23 November 2017. Available from:

<http://www.reederverband.de/en/press/press-release/artikel/community-of-states-must-develop-climate-protection-strategy-for-maritime-shipping.html>

The German Shipowners' Association (VDR) welcomes the commitment of the EU Member States to the global climate protection strategy of the International Maritime Organization (IMO).

**UfM meeting in Naples to focus on Blue Economy 29-30/11. By Paola del Vecchio.**

*ANSAMED*. 27 November 2017. Available from:

[http://www.ansamed.info/ansamed/en/news/sections/economics/2017/11/27/ufm-meeting-in-naples-to-focus-on-blue-economy-29-3011\\_6ff5f0c0-d0b3-4ee8-a761-e341d1c573f1.html](http://www.ansamed.info/ansamed/en/news/sections/economics/2017/11/27/ufm-meeting-in-naples-to-focus-on-blue-economy-29-3011_6ff5f0c0-d0b3-4ee8-a761-e341d1c573f1.html)

"The aim of the Naples conference is to foster employment and investment and consolidate the community of the Blue Economy through the exchange of ideas and experiences for the sustainability and sustainable development of the Mediterranean Sea," ANSAMed was told in an interview with Deputy Secretary General for Water and the Environment of the Union for the Mediterranean (UfM), Miguel Garcia-Herraiz.

**NAMEPA Conference Looks Back to Move Forward. By Nina Mercedes Rabin, JD,**

**Maritime Law.** *Maritime Executive*. 27 November 2017. Available from: <https://www.maritime-executive.com/pressrelease/namepa-conference-looks-back-to-move-forward>

On October 26, 2017, the Annual NAMEPA Conference and Awards Dinner was attended by over 200 delegates predominantly representing the United States, Mexico and Canada.

**The Compass: Ocean Stories: The Atlantic: Episode 1 of 4. BBC World Service.**

26 November 2017. Available from: <http://www.bbc.co.uk/programmes/w3cswbz7>

In this first episode we cross the ocean from the Grand Banks to the tip of South Africa via Reykjavik in Iceland meeting those involved in fishing and working along the shores of the Atlantic.

**The Compass: The Indian Ocean: Episode 2 of 4. BBC World Service.** 29 November 2017.


Available from: <http://www.bbc.co.uk/programmes/w3cswbz8>

Only now is deep sea exploration beginning in remote parts of the Indian Ocean to reveal what lies on the ocean floor, what treasures can be found that could be used for scientific and technological development.

## ENVIRONMENTAL POLLUTION

### **Plastic pellets clean up along Durban coastline now fully underway: SAMSA.**

*South African Maritime Safety Authority (SAMSA)*. 30 October 2017. Available from:

<https://blog.samsa.org.za/2017/10/30/plastic-pellets-clean-up-along-durban-coastline-now-fully-underway-samsa/> 

A massive, painstaking and possibly long term clean up of the coastline for miles north and south of Durban to rid it of very tiny pellets that have polluted the area since the blistering rainstorm of 10 October 2017 and which left the port city with a repair bill worth an estimated R600-million, is now fully underway.

### **Missing Plane Or Marine Dumping? By Mahesa Abeynayake, Fiji Maritime Academy.**

*Fiji Sun Online*. 1 November 2017. Available from: <http://fijisun.com.fj/2017/11/01/missing-plane-or-marine-dumping/>

Different from dumping garbage and it is one of the deadly marine sins I have written about in the past.

### **Oil spill responders put on an inspirational show. By Richard Clayton.**

*Lloyd's List*. 2 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL112152/Oil-spill-responders-put-on-an-inspirational-show>

The Norwegian Coastal Administration honed its spill preparation in September, with a comprehensive exercise that brought together several coast guard, emergency service, and response organisations from the Baltic Sea region and further afield.

### **How fatigue and incompetency led to oil spill at Ennore Coast. By SV Krishna Chaitanya.**

*New Indian Express*. 8 November 2017. Available from:

<http://www.newindianexpress.com/states/tamil-nadu/2017/nov/08/how-fatigue-and-incompetency-led-to-oil-spill-at-ennore-coast-1695201.html>

Nearly 11 months after two ships collided off the Ennore coast, some chilling facts have come to the fore as investigators concluded that it was a human error, fatigue of the pilots and incompetency of bridge teams of both ships that resulted in the accident.

### **We're not ready to respond to oil spills, Arctic delegates tell Transport Canada.**

**By Beth Brown.** *Nunatsiaq News Online (Canada)*. 7 November 2017. Available from:

[http://www.nunatsiaqonline.ca/stories/article/65674were\\_not\\_ready\\_to\\_respond\\_to\\_oil\\_spills\\_arctic\\_delegates\\_tell\\_transpor/](http://www.nunatsiaqonline.ca/stories/article/65674were_not_ready_to_respond_to_oil_spills_arctic_delegates_tell_transpor/)

Should an oil spill happen in the Canadian Arctic, many communities know they are the ones that will have to react first, but residents say they're not ready.

### **Baltic Sea response community prepares for major oil spill exercise in Sweden 2018.**

*Baltic Marine Environment Protection Commission (HELCOM)*. 8 November 2017. Available


from: <http://www.helcom.fi/news/Pages/Baltic-Sea-response-community-prepares-for-major-oil-spill-exercise-in-Sweden-2018.aspx>

The next major Baltic operational exercise in oil spill response, HELCOM BALEX DELTA, is scheduled to take place during the week of 27–31 August 2018 in Karlskrona area, Sweden.

### **Good initiatives exist but more action needed to tackle marine plastics.**


*International Union for Conservation of Nature (IUCN)*. 9 November 2017. Available from:

<https://www.iucn.org/news/europe/201711/good-initiatives-exist-more-action-needed-tackle-marine-plastics>

A new IUCN Europe report shows that a number of policy initiatives are already in place to protect our oceans from plastic pollution – however Europe can still do more to protect our oceans from plastics. [National marine plastic litter policies in EU Member States](#) 

**The Fight Against The Tiny Plastic Pellets Choking Our Oceans. By Tess Riley.** *Huffington Post (UK)*. 11 November 2017. Available from: [http://www.huffingtonpost.co.uk/entry/oceans-plastics-nurdles-pollution-wildlife\\_us\\_5a02def4e4b04e96f0c683c3](http://www.huffingtonpost.co.uk/entry/oceans-plastics-nurdles-pollution-wildlife_us_5a02def4e4b04e96f0c683c3) Plastic forks, disintegrating shopping bags, fragmented blocks of Styrofoam and a seemingly endless amount of drinking bottles are just a few examples of the debris swirling around the seas and washing up on our shores.


**Rise in Arctic shipping traffic can cause problems.** *Green4Sea*. 25 November 2017. Available from: <https://www.green4sea.com/rise-in-arctic-shipping-traffic-can-cause-problems/> Nowadays, the shipping routes and traffic in the Arctic has been increased and this results in higher Black Carbon (BC) emissions from combustion of heavy fuel oil (HFO), which causes ice melting, health risks and shipping incidents.

[Rise in Arctic shipping traffic is bad news for black carbon emissions](#) 

**Sewage Ban for Ships near Svalbard Poses Challenges. By Christine Karijord.** *High North News (Norway)*. 24 November 2017. Available from: <http://www.highnorthnews.com/sewage-ban-for-ships-near-svalbard-poses-challenges/> The Norwegian Ministry of Climate and Environment announces a future ban on sewage waste deposits from ships within 12 nautical miles from land along the Norwegian coast and around Svalbard.

**Polluted cruises: how bad is air quality on ships?** *Ship-Technology.Com*. 29 November 2017. Available from: <http://www.ship-technology.com/features/polluted-cruises-bad-air-quality-ships/> An undercover investigation has found that passengers on cruise ships could be exposed to harmful levels of pollution, in the form of ultrafine particles.


**MEPs demand dirty fuel ban in the Arctic and global action on ship CO2.** *Transport & Environment*. 28 November 2017. Available from: <https://www.transportenvironment.org/press/meps-demand-dirty-fuel-ban-arctic-and-global-action-ship-co2> Today's call by MEPs to ban the use of heavy fuel oil (HFO) in the Arctic and put in place greenhouse gas reduction measures by 2023 must be followed through with speedy action by the International Maritime Organisation (IMO), said sustainable transport group Transport & Environment (T&E).

**Pressure builds in CO2 debate. By Paul Fanning.** *Marine Propulsion & Auxiliary Machinery*. 29 November 2017. Available from: [http://www.mpropulsion.com/news/view.pressure-builds-in-co2-debate\\_50051.htm](http://www.mpropulsion.com/news/view.pressure-builds-in-co2-debate_50051.htm)  Following the COP23 Climate Change Conference in Bonn, there have been many voices praising the progress being made by the shipping industry on the reduction of CO2 emissions.


## HEALTH

**More needs to be done to prevent suicides at sea. By Vincent Wee.** *Seatrade Maritime News*. 21 November 2017. Available from: <http://www.seatrade-maritime.com/news/asia/more-needs-to-be-done-to-prevent-suicides-at-sea.html> Dubbing it the "silent killer" International SOS medical director Olivier Lo said at a panel at the Asia Maritime Breakfast briefing on - Seafarers Welfare post-MLC 2006, that more needs to be done to prevent suicides at sea.

**AMSA urges for compliance with 'fitness for duty' requirements.** *Safety 4 Sea*. 20 November 2017. Available from: <https://www.safety4sea.com/amsa-urges-for-compliance-with-fitness-for-duty-requirements/> As it is already known, operational pressures and other factors can result in watchkeepers and other personnel gaining insufficient rest.

**Fitness for Duty.** *Australian Maritime Safety Authority (AMSA)*. November 2017. Available from: <https://apps.amsa.gov.au/MOReview/Attachment/ShowAttachment/6245>  The purpose of this marine notice is to draw the attention of vessel owners, operators and seafarers to the need to comply with the fitness for duty requirements, including hours of rest, under the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW Convention) and the Maritime Labour Convention, 2006 (MLC).

**Expert: Scrubbers with filters better than distillates for human health. By Jamey Bergman.** *Passenger Ship Technology*. 24 November 2017. Available from: [http://www.passengership.info/news/view\\_expert-scrubbers-with-filters-better-than-distillates-for-human-health\\_49996.htm](http://www.passengership.info/news/view_expert-scrubbers-with-filters-better-than-distillates-for-human-health_49996.htm) There is a significant threat to public health from the particulate matter emitted by marine engines as long as fuel oils are the predominant energy source used to power them, according to Dr Ralf Zimmermann of the University of Rostock in Germany, but that threat can be mitigated if fine particle filters are installed on vessels' exhaust gas cleaning systems.

**ISWAN Launches Second Good Mental Health Guide.** *International Seafarers' Welfare and Assistance Network (ISWAN)*. 27 November 2017. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/iswan-launches-second-good-mental-health-guide> A new self-help guide has been launched by ISWAN as part of its series of Good Mental Health Guides for seafarers.  
[Psychological Wellbeing at Sea: A good Mental Health Guide for Seafarers](#) 

## HEALTH AND SAFETY

**Madagascar's Toamasina Port Hit by Plague.** *Port Technology International*. 1 November 2017. Available from: [https://www.porttechnology.org/news/madagascar\\_ports\\_hit\\_by\\_plague](https://www.porttechnology.org/news/madagascar_ports_hit_by_plague) London P&I Club has warned of an outbreak of plague in Madagascar including ports and suggested mariners take precautions to avoid infection.

**Asbestos time bomb ticking for the maritime industry.** *Maritime Journal*. 27 November 2017. Available from: <http://www.maritimejournal.com/news101/vessel-build-and-maintenance/vessel-repair-and-maintenance/asbestos-time-bomb-ticking-for-the-marine-industry> The IMO should amend the SOLAS Regulation banning the use of asbestos and asbestos containing materials (ACM) in ships, says John Chillingworth, senior marine principal at Lucion Marine.

## IMO

### **IMO on target for April 2018 adoption of emissions reduction strategy.**

**By Andrew Spurrier.** *Fairplay*. 31 October 2017. Available from:

<https://fairplay.ihs.com/safety-regulation/article/4293446/imo-on-target-for-april-2018-adoption-of-emissions-reduction-strategy> European shipowners' body ECSA has said that it is pleased with the progress made on the drafting of a global shipping emissions strategy at last week's meeting of the International Maritime Organisation's (IMO's) working group on the reduction of greenhouse gases.

### **IMO fails to recognise urgency of climate action in shipping.** *Transport & Environment*.

30 October 2017. Available from: <https://www.transportenvironment.org/press/imo-fails-recognise-urgency-climate-action-shipping> Calls for urgent action to reduce ship greenhouse gas emissions have been met with heavy push-back by many states and big industry groups meeting at the International Maritime Organisation (IMO).

### **Here is the road map for the IMO's climate deal.** **By Katrine Grønvald Raun.**

*ShippingWatch*. 30 October 2017. Available from:

<http://shippingwatch.com/secure/carriers/article9988206.ece> After last week's climate negotiations in the IMO, it has been decided that member states will reach agreement on shipping's contribution to the obligations of the global Paris Climate Accord in six months.

### **So did, or did not, the IMO make any progress with the latest CO2 talks? By Craig Eason.**

*Fathom News*. 30 October 2017. Available from: <http://www.fathom-news.com/not-imo-make-progress-latest-co2-talks/> A second meeting of the IMO's Intersessional Working Group targeted with shaping an initial greenhouse gas strategy for the Organisation has made progress, according to the IMO, with the International Chamber of Shipping and other shipowner associations are saying it is "broadly satisfied" with progress, while the lobby groups such as Seas at Risk and Transport and Environment saying the meeting failed to meet their expectations and call for more urgency.

### **Shipping ahead of the game on CO2 emissions.** **By Malcolm Latarche.** *ShipInsight*.

1 November 2017. Available from: <https://shipinsight.com/shipping-ahead-game-co2-emissions/> Last week, the IMO's GHG working group met to devise a roadmap for shipping to reduce its CO2 output in the future.

### **IMO Pushes for Ratification of Cape Town Agreement.** *Occupational Health & Safety*

(OH&S). 31 October 2017. Available from: <https://ohsonline.com/articles/2017/10/31/imo-pushes-ratification.aspx> IMO said this key instrument applicable to fishing vessels is still not in force and it means there are no mandatory international requirements for stability and seaworthiness, life-saving appliances, communications equipment, or fire protection, as well as fishing vessel construction.

### **ICS describes critical IMO report as "nonsense".** **By Tomas Kristiansen.** *ShippingWatch*.

6 November 2017. Available from: <http://shippingwatch.com/carriers/article10005273.ece> ShippingWatch has asked the International Chamber of Shipping (ICS) to respond in detail to the direct criticism aimed at the industry by the authors of the InfluenceMap report.

### **Busting barnacles: how a new IMO project aims to tackle biofouling on ship hulls.**

**By Joe Baker.** *Ship-Technology.Com*. 6 November 2017. Available from: <http://www.ship-technology.com/features/busting-barnacles-new-imo-project-aims-tackle-biofouling-ship-hulls/> The International Maritime Organization has proposed its new GloFouling Partnerships project in a bid to reduce the spread of aquatic species through biofouling.



**BIMCO responds to criticism from InfluenceMap.** By Tomas Kristiansen. *ShippingWatch*. 7 November 2017. Available from: <http://shippingwatch.com/secure/carriers/article10008886.ece> Yesterday, Monday, the International Chamber of Shipping (ICS) responded to the criticism of the role played by shipowners in international CO2 negotiations in the IMO and today, BIMCO presents its position, which includes a proposal for the IMO strategy.

**EU leaves CO2 regulation to IMO ahead of 2023.** By Tomas Kristiansen and Louise Vogdrup-Schmidt. *ShippingWatch*. 9 November 2017. Available from: <http://shippingwatch.com/secure/carriers/article10016932.ece> The European Union will leave regulation of shipping's CO2 emissions to the IMO until 2023, after which date the EU will launch its own regulations if the IMO has not delivered.

**Europe will act on shipping emissions if IMO doesn't, say MEPs and governments.** *Transport & Environment*. 9 November 2017. Available from: <https://www.transportenvironment.org/press/europe-will-act-shipping-emissions-if-imo-doesn%E2%80%99t-say-meps-and-governments> EU governments and MEPs last night agreed that Europe should act on shipping emissions from 2023 if the International Maritime Organisation (IMO) fails to deliver effective global measures.

**WSC: Criticism of shipping's climate approach overlooks crucial detail.** By Tomas Kristiansen. *ShippingWatch*. 10 November 2017. Available from: <http://shippingwatch.com/secure/carriers/article10016553.ece> World Shipping Council, WSC, is the third of the major shipping associations that were criticized by InfluenceMap for working against efforts to settle climate rules at the IMO.

**Government accepts maritime audit findings.** By Len Garae. *Vanuatu Daily Post*. 9 November 2017. Available from: [http://dailypost.vu/news/government-accepts-maritime-audit-findings/article\\_b08e04b8-9070-590c-8397-c49f54e1ed9b.html](http://dailypost.vu/news/government-accepts-maritime-audit-findings/article_b08e04b8-9070-590c-8397-c49f54e1ed9b.html) First Political Advisor to the Minister of Infrastructure and Public Utilities, Bakoa Kaltonga, who is also the Executive Chair for Maritime Affairs, made the remarks to thank the IMO auditors on behalf of the Minister for conducting such an audit within such a short period of time.

**IMO 2020 - Tough new environmental regulations will soon hit the shipping industry [Infographic].** *S&P Global Platts*. November 2017. Available from: <http://www.goo.gl/YtmbT8>  The upcoming International Maritime Organization (IMO) 2020 sulfur cap regulation will massively disrupt the shipping sector.

**Bunker fuel sulfur cap will require more exports, investments: conference.** By Elza Turner and Jack Jordan. *S&P Global Platts*. 14 November 2017. Available from: <https://www.platts.com/latest-news/shipping/athens/bunker-fuel-sulfur-cap-will-require-more-exports-26840106> Compliance with the International Maritime Organization's more stringent bunker fuel requirements from 2020 could require more exports to balance supply as well as investment in sulfur plants, according to delegates at the World Refining Association conference in Athens Tuesday.

**Bunker Industry Must Ensure Supply of High Sulfur Fuel Oil Bunkers Continues Beyond 2020: IMO.** *Ship & Bunker*. 16 November 2017. Available from: <https://shipandbunker.com/news/world/704030-bunker-industry-must-ensure-supply-of-high-sulfur-fuel-oil-bunkers-continues-beyond-2020-imo> The International Maritime Organization (IMO) says the bunker industry must ensure the supply of High Sulfur Fuel Oil (HSFO) bunkers continues after a new 0.50% global sulfur cap on marine fuels comes into force in 2020.

**Ships will be 'unseaworthy' if miss sulfur emission rule: IMO.** By Libby George. *Reuters*. 16 November 2017. Available from: <https://www.reuters.com/article/us-shipping-fuel-sulphur/ships-will-be-unseaworthy-if-miss-sulfur-emission-rule-imo-idUSKBN1DG1U8> Ships which do not meet cuts to the amount of sulfur they can burn in their engines risk being declared "unseaworthy", the International Maritime Organization (IMO) said on Thursday.

**New MEPC chair Saito aims for policy continuity.** By Nick Savvides. *Fairplay*. 21 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294201/new-mepc-chair-saito-aims-for-policy-continuity> It's been quite a year for Hideaki Saito, the technocrat is climbing the career ladder at both the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) where he is now Director of Shipbuilding and Ship Machinery Division at Maritime Bureau; and at the International Maritime Organization (IMO) where he is now the Chairman of the Marine Environment Protection Committee (MEPC).

**Deutsche Bank: Sulfur directive could change shipping.** By Ole Andersen. *ShippingWatch*. 23 November 2017. Available from: <http://shippingwatch.com/secure/suppliers/article10051980.ece> A big part of the global commercial fleet is wholly unprepared for the new environmental requirements set to come into force in 2020, and this could be a game changer in the sector, says Deutsche Bank after meetings with the sector.

**IMO: Many signs indicate sufficient low sulfur fuel by 2020.** By Katrine Grønvald Raun. *ShippingWatch*. 28 November 2017. Available from: <http://shippingwatch.com/secure/carriers/article10036596.ece> Many indicators suggest that there will be sufficient fuel available when shipowners by 2020 must comply with the global sulfur regulation, says Edmund Hughes of the IMO in an interview with ShippingWatch.


## LAW AND POLICY

**Feds to ban 'blight' of abandoned boats, bring in penalties for owners.** By Mia Rabson. *Canadian Broadcasting Corporation (CBC)*. 30 October 2017. Available from: <http://www.cbc.ca/news/canada/british-columbia/derelict-vessels-1.4379366> Transport Minister Marc Garneau's new Wrecked, Abandoned or Hazardous Vessels Act, introduced Monday in the House of Commons, would make it illegal to abandon boats, while empowering the government to go after the owners of the 600 derelict vessels already polluting the country's waterways.

**Research Highlight: Seventy Percent of Climate Pact Signatories Include Oceans in Their Climate Change Action Plans.** *Scripps Institution of Oceanography*. 30 October 2017. Available from: <https://scripps.ucsd.edu/news/research-highlight-seventy-percent-climate-pact-signatories-include-oceans-their-climate-change> On the eve of international climate talks taking place in Bonn, Germany, a new study led by Scripps Institution of Oceanography at the University of California San Diego evaluates the extent to which parties to the historic Paris Agreement on climate have considered the oceans in their plans to address climate change.

**IORA brainstorms on illegal fishing.** By Abdallah Msuya. *Daily News (Tanzania)*. 31 October 2017. Available from: <http://www.dailynews.co.tz/index.php/home-news/53906-iora-brainstorms-on-illegal-fishing> The Indian Ocean Rim Association (IORA) opened a two-day workshop here yesterday amid rising concerns over illegal, unreported and unregulated fishing activities in the region, with member countries expected to come up with a joint strategy to tackle the problem.

**Human Rights at Sea launches a new educational film explaining Labour and Human Rights.** *Human Rights at Sea (HRAS)*. 2 November 2017. Available from:

<https://www.humanrightsatsea.org/new-maritime-labour-rights-and-human-rights-educational-film-launched/>  Today, Human Rights at Sea launches the second in its series of freely

available educational films and accompanying infographics concerning maritime human rights protections and their impact on the maritime community, titled "Labour Rights and Human Rights".

**State aid: Commission approves Belgian tax measures for maritime transport.**

*European Commission*. 6 November 2017. Available from: [http://europa.eu/rapid/press-release\\_IP-17-4382\\_en.htm](http://europa.eu/rapid/press-release_IP-17-4382_en.htm) The European Commission has approved under EU State aid rules the prolongation until end 2022 of various Belgian support measures for maritime transport.

**Transport Canada issues two more fines for not respecting the speed restriction in the Gulf of St. Lawrence.** *Government of Canada*. 3 November 2017. Available from:

<http://www.goo.gl/69jDCe> Transport Canada continues to take action to help ensure navigational safety and to protect the marine environment.


**EU is playing its part to protect our oceans. By Karmenu Vella, EU Commissioner for Environment, Maritime Affairs and Fisheries.** *Parliament Magazine*. 7 November 2017.

Available from: <https://www.theparliamentmagazine.eu/articles/opinion/eu-playing-its-part-protect-our-oceans> On 5-6 October the European Union hosted the 'Our Ocean' Conference in my home country, Malta.

**Italy moves to force big ships to take back route to Venice. By Isla Binnie.** *Reuters*.

7 November 2017. Available from: <http://www.reuters.com/article/us-italy-venice-ships/italy-moves-to-force-big-ships-to-take-back-route-to-venice-idUSKBN1D72Q3> Gondolas and water taxis will never again have to vie with big cruise ships for space in front of Venice's iconic St. Mark's Square, an Italian governmental committee decided on Tuesday.

**Illegal, Unreported, and Unregulated Fishing as a National Security Threat. By Gregory B. Poling and Conor Cronin.** *Center for Strategic & International Studies (CSIS)*.

3 November 2017. Available from: <https://www.csis.org/analysis/illegal-unreported-and-unregulated-fishing-national-security-threat> This report examines the primary ways in which IUU fishing intersects with national security concerns, how government and nonstate actors are tackling the problem, and areas where more work must be done, including in the largely unregulated high seas beyond national jurisdiction. [Report](#) 

**Gulf cruise industry warns of more port-of-call cancellations due to speed rules.**

**By Cassie Williams.** *Canadian Broadcasting Corporation (CBC)*. 8 November 2017.

Available from: <http://www.cbc.ca/news/canada/nova-scotia/cruise-ship-right-whale-slow-down-impacts-1.4393217> The cruise ship industry says the government needs to give the sector more notice if it wants to reduce cancellations of ports of call because of speed limit restrictions in place to protect right whales.

**UK to retain port of refuge arrangements post-Brexit, insurers told. By Jon Guy.** *Fairplay*.

7 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4293721/uk-to-retain-port-of-refuge-arrangements-post-brexit-insurers-told> The man responsible for the United Kingdom's response to maritime incidents has said he believes it will be business as usual after Britain's exit from the European Union.

**EU Emissions Trading System: landmark agreement between Parliament and Council delivers on EU's commitment to turn Paris Agreement into reality.** *European Commission*. 9 November 2017. Available from: [https://ec.europa.eu/clima/news/eu-emissions-trading-system-landmark-agreement-between-parliament-and-council-delivers-eus\\_en](https://ec.europa.eu/clima/news/eu-emissions-trading-system-landmark-agreement-between-parliament-and-council-delivers-eus_en) The European Parliament and Council have today reached a provisional agreement to revise the EU Emissions Trading System (EU ETS) for the period after 2020.

**Lawyers key to development of maritime sector- Dakuku ... Tasks legal experts on updates on maritime law. By Isichei Osamgbi.** *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 13 November 2017. Available from: <http://www.goo.gl/CjHSQs> The Director General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr Dakuku Peterside, has charged practitioners of law in the maritime sector on the need for regular updates on the knowledge of the sector, due to the dynamism of maritime law regulating the industry, which is key to its development.

**China, ASEAN to start consultations on text of Code of Conduct in South China Sea.** *Xinhuanet (China)*. 13 November 2017. Available from: [http://news.xinhuanet.com/english/2017-11/13/c\\_136749292.htm](http://news.xinhuanet.com/english/2017-11/13/c_136749292.htm) China and the Association of Southeast Asian Nations (ASEAN) will start consultations on the text of the Code of Conduct (COC) in the South China Sea, Chinese Premier Li Keqiang said here on Monday.

**'Paradise Papers': Nautilus calls for halt to shipping abuses.** *Nautilus International*. 10 November 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/paradise-papers-nautilus-calls-for-halt-to-shipping-abuses/> Following the 'Paradise Papers' revelations of tax avoidance in UK overseas territories, Nautilus has urged the UK government to clamp down on the operation of so-called Red Ensign Group (REG) ship registries from the same locations.

**Pilot and captain of car transporter ship prosecuted for collision with ferry on the River Humber.** *UK Maritime & Coastguard Agency*. 9 November 2017. Available from: <http://hmcoastguard.blogspot.co.uk/2017/11/pilot-and-captain-of-car-transporter.html> A former captain and marine pilot have each been given four months suspended sentences after pleading guilty to causing a collision in the River Humber.

**ICS & CMI Update Campaign on Maritime Treaty Ratification.** *International Chamber of Shipping (ICS)*. 13 November 2017. Available from: <http://www.ics-shipping.org/news/press-releases/2017/11/13/ics-cmi-update-campaign-on-maritime-treaty-ratification> The International Chamber of Shipping (ICS) – whose member national shipowner associations represent over 80% of the world merchant fleet, and the Comité Maritime International (CMI) – the international association for maritime lawyers, have released an updated brochure to promote the importance of governments ratifying international maritime conventions, especially those adopted by the UN IMO.

**Danish government empowers offshore and shipping sector. By Ole Andersen.** *ShippingWatch*. 13 November 2017. Available from: <http://shippingwatch.com/secure/carriers/article10025402.ece> A political majority in the Danish Parliament will eliminate registration fees for second-hand vessels and expand the Danish International Ship Register (DIS) net wage scheme to cover the entire offshore segment.

**Poor fiscal policies threaten maritime sector growth. By Sulaimon Salau.** *Guardian (Nigeria)*. 15 November 2017. Available from: <https://guardian.ng/business-services/poor-fiscal-policies-threaten-maritime-sector-growth/> For Nigeria to revive the maritime industry and attract Foreign Direct Investment (FDI), there is urgent need for the Federal Government to review the fiscal policies in the sector.

**UAE ratifies IMO international maritime conventions, protocols.** By Esraa Ismail, Hazem Hussein, and Tariq alfaham . *WAM (Emirates News Agency)*. 14 November 2017. Available from: <http://wam.ae/en/details/1395302646829> The International Maritime Organisation, IMO, has declared the UAE's ratification of a range of international maritime conventions and protocols, in a step that supports its nomination for membership in the IMO Board.

**Govt floats new rules on building, repairing ships to boost quality, safety.** By P. Manoj *The Hindu (India)*. 14 November 2017. Available from: <http://www.thehindubusinessline.com/economy/logistics/govt-floats-new-rules-on-building-repairing-ships-to-boost-quality-safety/article9960554.ece> The government has drafted new rules to ensure quality and safety of Indian-flag ships built or repaired at shipbuilding and repair yards (both local and overseas) while prescribing an age limit of 20 years for ships imported into India.

**South China Sea code of conduct talks to be "stabiliser" for region - China premier.** By James Pomfret and Neil Jerome Morales. *Reuters*. 14 November 2017. Available from: <https://uk.reuters.com/article/uk-asean-summit-southchinasea/south-china-sea-code-of-conduct-talks-to-be-stabiliser-for-region-china-premier-idUKKBN1DE06C> China's agreement to begin talks with the Association of Southeast Asian Nations (ASEAN) on the fine print of a code of conduct framework for the disputed South China Sea will help to stabilise the region, Chinese Premier Li Keqiang said.

**South Africa tackles crime at sea with ship-spotting satellites.** By Linda Nordling. *Nature*. 10 November 2017. Available from: <https://www.nature.com/news/south-africa-tackles-crime-at-sea-with-ship-spotting-satellites-1.22977> In October last year, a fishing boat set out from Velddrif, a small town on South Africa's west coast.

**Climate Resilience and Transport in Small Island Developing States.** *World Bank*. 15 November 2017. Available from: <http://www.worldbank.org/en/topic/transport/publication/climate-resilience-and-transport-in-small-island-developing-states> Small Island Developing States (SIDS) are a group of countries located across the world in the Caribbean, Pacific, Africa, and Indian Ocean regions. [Climate and Disaster Resilient Transport in Small Island Developing States: A call for Action](#) 

**Spain awarded 1.6 billion euros over one of Europe's worst oil spills.** *The Local (Spain)*. 16 November 2017. Available from: <https://www.thelocal.es/20171116/spain-awarded-16-billion-euros-over-one-of-europes-worst-oil-spills> A court awarded the Spanish state 1.6 billion euros (\$1.9 billion) in damages on Wednesday over the 2002 *Prestige* oil spill, one of Europe's worst environmental disasters.

**Spanish court orders \$1.9bn compensation for *Prestige* spill.** By Gary Dixon. *TradeWinds*. 15 November 2017. Available from: <http://www.tradewindsnews.com/insurance/1383325/spanish-court-orders-usd-19bn-compensation-for-prestige-spill> A Spanish court has established the huge amount of compensation to be paid for the *Prestige* disaster in 2002.

**ASEAN-China adopts declaration on marine environment protection.** *Philippine News Agency*. 17 November 2017. Available from: <http://www.pna.gov.ph/articles/1016299> The Association of Southeast Asian Nations (ASEAN) and China have moved forward towards the implementation of the 2002 Declaration of Conduct after it adopted on November 13 a document declaring 2017-2027 as a decade for the protection of coastal and marine environment in the South China Sea.

**Stakeholders discuss legislations on maritime administration. By Ibrahim K. Turay.**

*Concord Times (Sierra Leone)*. 15 November 2017. Available from:

<http://slconcordtimes.com/stakeholders-discuss-legislations-on-maritime-administration/>

To ensure safety of Sierra Leoneans at sea, the Sierra Leone Maritime Administration (SLMA) is hosting a workshop in Freetown in collaboration with the International Maritime Organization (IMO) to discuss ways of improving maritime legislations.

**The Ocean Pathway: A strategy for the ocean into COP 23 - Towards an ocean inclusive UNFCCC process. COP23.**

November 2017. Available from: <https://cop23.com.fj/the-ocean-pathway/> A COP23 Presidency ocean initiative, the Ocean Pathway embodies the important relationship between the Ocean and Climate Change.

**Best Practices for Transshipment: Global reforms to policies for transferring catch at sea would help combat illegal fishing. Pew Charitable Trusts.**

17 November 2017. Available from: <http://www.pewtrusts.org/en/research-and-analysis/fact-sheets/2017/11/best-practices-for-transshipment> Transshipment of catch between vessels plays an enormous role in the global commercial fishing industry.

**Bulker Avoids Detention Over North Korean Cargoes. Maritime Executive.**

17 November 2017. Available from: <https://maritime-executive.com/article/bulker-avoids-detention-over-north-korean-cargoes> Japanese authorities at the port of Chiba have released a bulker that may have violated Tokyo's unilateral sanctions on North Korea.

**Liberia Strikes Blow For Global Shipping With Challenge To Brazilian Court Ruling.**

*Liberian Registry*. 20 November 2017. Available from: <http://www.lisr.com/blog/liberia-strikes-blow-global-shipping-challenge-brazilian-court-ruling> The Liberian Registry, in co-operation with the International Chamber of Shipping (ICS), has succeeded in helping the holder of a Liberian mortgage to overturn a decision of the Brazilian courts which, if left uncontested, could have had serious adverse legal and economic consequences for the international shipping industry.

**New US sanctions on North Korea ships, Chinese traders. Channel News Asia.**

22 November 2017. Available from: <http://www.channelnewsasia.com/news/asiapacific/new-us-sanctions-on-north-korea-ships--chinese-traders-9427504> The measures came a day after President Donald Trump declared North Korea a state sponsor of terrorism and warned of a string of new measures against its banned nuclear programme.

**Call to create supranational body to handle abandoned ships. By Douglas J Lindsay.**

*Splash 24/7*. 24 November 2017. Available from: <http://splash247.com/call-create-supranational-body-handle-abandoned-ships/> Having been a seafarer, a shipmanager and later a ship repossession superintendent few people are better placed to add to our crew abandonment debate than Douglas J Lindsay who gives readers some ideas for solving this stain on our industry.

**Big Brother at Sea: Satellites are spying illegal fishing from space. By Mara Johnson-Groh.**

*Hakai Magazine (Canada)*. 23 November 2017. Available from: <https://www.hakaimagazine.com/news/big-brother-at-sea/> Ship to ship transfers can be made quickly and covertly on the high seas, leaving law enforcement officials unaware of the passage of illegal cargo in this watery Wild West.

**West Africa loses \$1.3 billion to illegal fishing yearly. By Ohenewaa Appiah.**

*Graphic Online (Ghana)*. 23 November 2017. Available from:

<https://www.graphic.com.gh/business/business-news/west-africa-loses-1-3-billion-to-illegal-fishing-yearly.html>

The six member countries of the Fisheries Committee for West Central Gulf of Guinea (FCWC) namely; Ghana, Cote D'Ivoire, Nigeria, Liberia, Togo and Benin have been brought together under the West Africa Task Force (WATF) facilitated by the FCWC Secretariat and supported by a Technical Team to combat illegal fishing and related issues.

**Nunavut consultation key to making marine corridors safe: report. By Jane George.**

*Nunatsiaq News Online (Canada)*. 23 November 2017. Available from:

[http://www.nunatsiaqonline.ca/stories/article/65674nunavut\\_community\\_input\\_key\\_to\\_new\\_shipping\\_controls\\_new\\_report/](http://www.nunatsiaqonline.ca/stories/article/65674nunavut_community_input_key_to_new_shipping_controls_new_report/)

Add this to the long list of challenges faced by companies shipping in Canadian Arctic waters: the seabed near the western shore of Hudson Bay is getting shallower.

**Arctic Corridors and Northern Voices: Governing marine transportation in the Canadian Arctic. By Natalie Carter, Jackie Dawson, Jenna Joyce, and Annika Ogilvie.**

*University of Ottawa (Canada)*. November 2017. Available from:

[https://ruor.uottawa.ca/bitstream/10393/36924/1/ARCTIC\\_CORRIDORS\\_ARVIAT\\_CARTER\\_online\\_2017.pdf](https://ruor.uottawa.ca/bitstream/10393/36924/1/ARCTIC_CORRIDORS_ARVIAT_CARTER_online_2017.pdf)

Arctic ship traffic has increased by more than 75% since 2005.

**Chennai Six: Britons jailed in India win appeal. BBC News. 27 November 2017.**

Available from: <http://www.bbc.co.uk/news/uk-england-42135559> Six British former soldiers who have been in prison on weapons charges in India since 2013 are to be released.

**Judge acquits Seaman Guard Ohio crew of all charges. By Tanya Blake. Fairplay.**

27 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294436/judge-acquits-seaman-guard-ohio-crew-of-all-charges>

The crew of the floating armoury *Seaman Guard Ohio* have today been acquitted of all charges by the Maduria bench of the Madras High Court, after spending four years in jail.

**Seaman Guard Ohio ruling: ITF comment. International Transport Workers' Federation (ITF).**

27 November 2017. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2017/november/seaman-guard-ohio-ruling-itf-comment/>

The court in Madurai, India, has delivered its judgment in the appeal case by the crew and guards of the *Seaman Guard Ohio*.

**The Same Old Bunker Contracts. By Erik Kravets. Maritime Executive. 26 November 2017.**

Available from: <https://maritime-executive.com/blog/the-same-old-bunker-contracts>

Bunker companies typically prefer to operate on a handshake, or they have their own terms and conditions, and shipowners rarely take the initiative in proposing their own contracts.

**German Court Rejects Appeal against Elbe River Dredging. World Maritime News.**

29 November 2017. Available from: <http://worldmaritimeneeds.com/archives/236509/german-court-rejects-appeal-against-elbe-river-dredging/>

Namely, the Federal Administrative Court in Leipzig dismissed on Tuesday, November 28 the actions brought by the towns of Cuxhaven and Otterndorf as well as by Elbe and coastal fishermen against the planning approval decisions for the fairway adaptation in the lower and outer Elbe.

**BSEE Approves New Drilling Operations in Arctic.**

*US Bureau of Safety and Environmental Enforcement (BSEE)*. 28 November 2017. Available from: <https://www.bsee.gov/newsroom/latest-news/statements-and-releases/press-releases/bsee-approves-new-drilling-operations-in> Achieving American energy dominance moved one step closer today with the approval of Arctic exploration operations on the Outer Continental Shelf for the first time in more than two years.

**The Department of Marine Services is revising Marine Act. By Fostina Mkandawire.**

*Malawi News Agency (MANA)*. 29 November 2017. Available from: <http://www.manaonline.gov.mw/index.php/national/general/item/6986-the-department-of-marine-services-is-revising-marine-act> The Director at the Department of Marine Services, Laston Makuzula, confirmed the development to Malawi News Agency on Wednesday, citing the increase in the number of people that use water transport as the main reason for the revision of the Act.

**EUCAP Somalia organizes Maritime Legal Seminar in Mogadishu. EUCAP Somalia.**

29 November 2017. Available from: <https://www.eucap-som.eu/eucap-somalia-organizes-maritime-legal-seminar-mogadishu/> EUCAP Somalia organized a Maritime Legal Seminar for Somalia's Attorney General Office (AGO)'s personnel in Mogadishu from November 27-29.

**Regional collaboration on world oceans management key to success: UN Cape Town 2017 conference hears. South African Maritime Safety Authority (SAMSA).**

29 November 2017. Available from: <https://blog.samsa.org.za/2017/11/29/regional-collaboration-on-world-oceans-management-key-to-success-un-cape-town-2017-conference-hears/> Closer regional collaboration in the management of the world's oceans is the way to go for sustainable future success, local and international delegates to the 19th Annual Consultative Meeting on Large Marine Ecosystems and Coastal Partners' currently underway in Cape Town have heard.

**Coast Guard: Russia and U.S. Working Well Together in the Bering Sea, Arctic.**

**By John Grady.** *US Naval Institute News*. 29 November 2017. Available from: <https://news.usni.org/2017/11/29/coast-guard-russia-u-s-working-well-together-bering-sea> The pair is enforcing fishing regulations and other laws, conducting search and rescue operations.

## MARINE TECHNOLOGY

**Rolls-Royce simplifies EU MRV requirements with new Energy Management Module.**

*Rolls-Royce*. 3 November 2017. Available from: <http://www.goo.gl/6VxmMS> Rolls-Royce has extended its marine Energy Management solutions with a 'cloud-based' fuel consumption and carbon dioxide monitoring module designed to help shipowners meet the European Union's Monitoring, Reporting and Verification (MRV) regulation.

**How Will Seafarers Be Impacted by Smart Ships? World Maritime News.**


6 November 2017. Available from: <http://worldmaritimeneews.com/archives/234353/interview-how-will-seafarers-be-impacted-by-smart-ships/> World Maritime News spoke with David Appleton, Professional and Technical Officer at Nautilus International to get a better understanding of what autonomous shipping would mean for seafarers.



**Using Artificial Intelligence to Estimate Vessel Speed and Fuel Consumption at Sea - Accurately Estimating Vessel Performance...** *Mitsui O. S. K. Lines Ltd. (MOL)*. 8 November 2017. Available from: <http://www.mol.co.jp/en/pr/2017/17078.html> MOL President & CEO today announced that it teamed up with Fujitsu Laboratories Ltd. and Tokyo University of Marine Science and Technology to verify the accuracy of technology to estimate vessel performance at sea by applying Fujitsu's artificial intelligence (AI) technology.

**An Autonomous Marine Ecosystem.** By Andy McKeran, GE Marine Solutions. *Maritime Executive*. 6 November 2017. Available from: <https://maritime-executive.com/editorials/an-autonomous-marine-ecosystem> Digital technologies are dramatically impacting almost every aspect of our personal and professional lives—enabling businesses and individuals to freely communicate, share critical information and do things more efficiently and cost-effectively.

**Nordic countries looking to take the lead in autonomous vessels.** By Søren Pico. *ShippingWatch*. 14 November 2017. Available from: <http://shippingwatch.com/secure/carriers/article10028241.ece> Denmark's Minister for Business and Growth affirms to ShippingWatch that the country will be a leading player in the field of autonomous vessels despite numerous challenges.

**UK launches Industry Code of Practice for autonomous vessels.** *Maritime UK*. 16 November 2017. Available from: <https://www.maritimeuk.org/media-centre/news/uk-launches-industry-code-practice-autonomous-vessels/> The Industry Code of Practice for the design, construction and operation of autonomous maritime systems was launched during the 3rd Conference held by the MAS Regulatory Working Group in Southampton. [Being a Responsible Industry: An Industry Code of Practice](#) 

**Insurance industry expresses concerns over autonomous vessels.** By Jon Guy. *Fairplay*. 20 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294156/insurance-industry-expresses-concerns-over-autonomous-vessels> A study has found that the use of autonomous vessels may well be hit by fears over cyber attacks and a 'chicken and egg' situation between the regulators and the industry over their use.

**Deepsea autonomous ships unlikely for at least a generation: Maritime CEO Forum.** By Sam Chambers. <http://Splash247.Com/Deepsea-Autonomous-Ships-Unlikely-Least-Generation-Maritime-Ceo-Forum/>. 23 November 2017. Available from: <http://splash247.com/deepsea-autonomous-ships-unlikely-least-generation-maritime-ceo-forum/> During a busy crewing and human resources session that touched upon crew abandonment, connectivity, and attracting Gen Y into shipping, a significant portion of discussion focused on the issue of autonomous shipping.

**Unmanned ships and the mystery of the missing master.** By Bob Rust. *TradeWinds*. 23 November 2017. Available from: <http://www.tradewindsnews.com/TWplus/1377707/unmanned-ships-and-the-mystery-of-the-missing-master> The great obstacles to autonomous vessels are not technological but legal and commercial.

**Fishermen to receive digital gadgets to gather evidence on illegal fishing activities.** By Afedzi Abdullah. *Ghana News Agency (GNA)*. 22 November 2017. Available from: <http://www.ghananewsagency.org/social/fishermen-to-receive-digital-gadgets-to-gather-evidence-on-illegal-fishing-activities-125383> The "Far Ban Bo" project will support fishermen to gather real evidence on illegal activities at sea through training and provision of relevant technologies such as cameras and mobile phones.

**Scrubbers not the best solution for sulphur emissions. By Vincent Wee and Marcus Hand.** *Seatrade Maritime News*. 23 November 2017. Available from: <http://www.seatrade-maritime.com/news/asia/scrubbers-not-the-best-solution-for-sulphur-emissions.html>

While a panel on the tanker and gas markets, as well as the container shipping session, at the Asian Logistics and Maritime Conference in Hong Kong almost unanimously agreed that scrubbers are not the solution to the emissions control issue, there was one contrarian view that they are needed for the industry to remain competitive.

**New CO2 device for unmanned ocean vessels.** *Phys Org*. 23 November 2017.

Available from: <https://phys.org/news/2017-11-co2-device-unmanned-ocean-vessels.html>

Carbon dioxide in remote parts of the world's oceans will be measured by a new instrument being developed by scientists.

**Technology takes simulators beyond training. By Martyn Wingrove.**

*Marine Electronics and Communications*. 28 November 2017. Available from:

[http://www.marinemec.com/news/view,technology-takes-simulators-beyond-training\\_50035.htm](http://www.marinemec.com/news/view,technology-takes-simulators-beyond-training_50035.htm)

Simulation technology can incorporate augmented reality to go beyond the training requirements and enable vessel operators to test out complex operating scenarios.

**Rolls-Royce opens first Ship Intelligence Experience Space .** *Rolls-Royce*.

27 November 2017. Available from: <https://www.rolls-royce.com/media/press-releases/yr-2017/27-11-2017-rr-opens-first-ship-intelligence-experience-space.aspx> Rolls-Royce has opened the first in a series of ship intelligence experience spaces to show its customers, suppliers and partners how the latest digital solutions can transform the marine industry.

**MOL Succeeds in 'Visualization at Sea,' Marking a Step toward Remote Vessel Operation Technology - Sharing Voyage Data Recorder (VDR) Data ...** *Mitsui O.S.K.Lines Ltd.(MOL)*.

30 November 2017. Available from: <http://www.mol.co.jp/en/pr/2017/17083.html> MOL President & CEO, Junichiro Ikeda today announced a joint success with Japan Radio Co., Ltd. and JSAT MOBILE Communications Inc. in building a network that shares data recorded in Voyage Data Recorder (VDR) by using Fleet Xpress provided by Inmarsat, a high-capacity, high-speed satellite telecommunication service.

## MARITIME SAFETY

**Danger on the High Seas: Cyber Risks.** *Allianz Global Corporate & Specialty*.

31 October 2017. Available from: <http://www.agcs.allianz.com/global-offices/united-states/podcasts/safetyshipping-cyber-kinsey/>

Capt. Andrew Kinsey joins the podcast to discuss how the changing world of cyber risk can impact the shipping industry.

**Crew negligence a likely cause of sea robbery incidents in Singapore Strait.**

**By Wei Zhe Tan.** *Lloyd's List*. 1 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL112127/Crew-negligence-a-likely-cause-of-sea-robbery-incidents-in-Singapore-Strait>

The purported rise in sea robberies in the Singapore Strait so far this year may be attributed to crew negligence, according to research fellow at the S Rajaratnam School of International Studies' Maritime Security Programme Collin Koh.

**The fight against alarm fatigue. By Catherine Austin.** *Safety at Sea*. 6 November 2017.

Available from: <https://www.sasawards.com/single-post/2017/11/06/The-fight-against-alarm-fatigue> Alarm fatigue occurs when a person is exposed to a large number of frequent alarms and becomes desensitised to them.

**Safety database seeks strong incident reporting.** *By John Gallagher. Fairplay.*

8 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4293786/safety-database-seeks-strong-incident-reporting> Participation by all container carriers in safety group the Cargo Incident Notification System (CINS) will be key to improving the accuracy of trends related to dangerous cargo carriage and stowage, it has said.

**Inmarsat transforms seafarer safety with SafetyNET II launch.** *Inmarsat.*

14 November 2017. Available from: <https://www.inmarsat.com/news/inmarsat-transforms-seafarer-safety-with-safetynet-ii-launch/> Inmarsat has launched a vital new service, SafetyNET II, for Maritime Safety Information Providers (MSIPs), marking a key stage in upgrading the Global Maritime Distress and Safety System (GMDSS), which helps to save thousands of lives at sea each year.

**Over 100 Fatalities Reported in Europe in 2016.** *Maritime Executive.* 15 November 2017.

Available from: <https://maritime-executive.com/article/over-100-fatalities-reported-in-europe-in-2016> The European Maritime Safety Agency has released its Annual Overview of Marine Casualties and Incidents describing accidents reported by E. U. Member States, citing that during 2016, there were 106 reported fatalities, 957 injured, 26 ships lost and 123 investigations launched.

**Annual overview of marine casualties and incidents 2017.** *European Maritime Safety Agency (EMSA).* November 2017.

Available from: <http://www.emsa.europa.eu/news-a-press-centre/external-news/item/3156-annual-overview-of-marine-casualties-and-incident-2017.html> The Annual Overview of Marine Casualties and Incidents consists in a high-level analysis of accidents reported by the EU Member States in European Marine Casualty Information Platform (EMCIP).

**Call for united front on cargo safety.** *Global Shippers' Forum.* 28 November 2017.

Available from: <https://globalshippersforum.com/media/call-for-united-front-on-cargo-safety/> Safety aspects of the way in which cargo is packed and transported in unit loads across the global supply chain continue to be the focus of opportunities for improvement.

## MARITIME SECURITY

**Piracy: FG hands over maritime security to Israeli firm.** *By Tola Adenubi.*

*Nigerian Tribune.* 30 October 2017. Available from: <http://www.tribuneonlineng.com/piracy-fg-hands-maritime-security-israeli-firm/> Federal Government has entered into a three years agreement with an Israeli firm over maritime security issues.

**Robbers target BW tanker in South China Sea.** *By Xiaolin Zeng. Fairplay.*

1 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4293501/robbers-target-bw-tanker-in-south-china-sea> According to the Singapore-based Regional Co-operation Agreement on Combating Piracy and Armed Robbery against Ships in Asia (ReCAAP) Information Sharing Centre, the 2015-built 50,000 dwt *BW Myna* was anchored in the South China Sea at around 05:30 hours Singapore time when the duty officer found a hook with a rope secured on the ship's railing at the starboard quarter and a small boat hiding beneath the curvature.

**Four held after drugs attached to Maersk hull.** *By Gary Dixon. TradeWinds.*

1 November 2017. Available from: <http://www.tradewindsnews.com/liner/1375616/four-held-after-drugs-attached-to-maersk-hull> Four men have been arrested in New Zealand after cocaine was brought in on a Maersk Line boxship by a crime syndicate.

**Kongsberg receives first DNV GL cyber security type approval for its K-IMS system.**

**By Nikos Späth.** *DNV GL*. 2 November 2017. Available from:

<https://www.dnvgl.com/news/kongsberg-receives-first-dnv-gl-cyber-security-type-approval-for-its-k-ims-system-103538>

As the shipping industry digitalizes, vessels are becoming sophisticated hubs of connected systems and sensors that generate and exchange data both onboard and back to shore.

**Navy steps up patrolling of Indian Ocean Region. By Dinakar Peri.** *The Hindu (India)*.

5 November 2017. Available from: <http://www.thehindu.com/news/national/navy-steps-up-patrolling-of-indian-ocean-region/article19984925.ece>

The Indian Navy is broadening its patrol areas in the Indian Ocean Region to cover all choke points in the face of increasing maritime threats, its chief Sunil Lanba told The Hindu.

**Did the Maersk cyber attack reveal an industry dangerously unprepared? By Joe Baker.**

*Ship-Technology.Com*. 8 November 2017. Available from: [http://www.ship-](http://www.ship-technology.com/features/maersk-cyber-attack-reveal-industry-dangerously-unprepared/)

[technology.com/features/maersk-cyber-attack-reveal-industry-dangerously-unprepared/](http://www.ship-technology.com/features/maersk-cyber-attack-reveal-industry-dangerously-unprepared/)

A recent survey by Futureautics found that shipping companies are still largely unprotected from potential cyber attacks, even after the recent ransomware attack that left Maersk reeling.

**Yemen's Houthis threaten to attack warships, oil tankers if ports stay closed.**

**By Sylvia Westall.** *Reuters*. 12 November 2017. Available from:

<http://www.reuters.com/article/yemen-security/yemens-houthis-threaten-to-attack-warships-oil-tankers-if-ports-stay-closed-idUKL8N1NI0MY>

Yemen's armed Houthi movement said on Sunday it could attack warships and oil tankers from enemy countries in retaliation against the closure of Yemeni ports by a Saudi-led military coalition last week.

**Shipping should prepare for more cyber attacks, warns lawyer. By Jon Guy.** *Fairplay*.

10 November 2017. Available from: [https://fairplay.ihs.com/safety-](https://fairplay.ihs.com/safety-regulation/article/4293886/shipping-should-prepare-for-more-cyber-attacks-warns-lawyer)

[regulation/article/4293886/shipping-should-prepare-for-more-cyber-attacks-warns-lawyer](https://fairplay.ihs.com/safety-regulation/article/4293886/shipping-should-prepare-for-more-cyber-attacks-warns-lawyer)

A leading maritime lawyer has warned the maritime sector it must brace itself for more cyber attacks as the industry struggles to implement protection.

**Maritime Security is Top Topic as Freight and Tanker Shipping Executives Gather in London.**

*Handy Shipping Guide*. 10 November 2017. Available from:

<http://www.handyshippingguide.com/shipping-news/maritime-security-is-top-topic-as-freight-and-tanker-shipping-executives-gather-in-london-8588>

The topic was cyber security, and the event gave many of the great and good in the ocean shipping industry to hear and understand some pertinent, and frankly terrifying, information on a subject which has become the biggest risk to world trade imaginable.

**US House passes port cybersecurity act.** *Port Strategy*. 13 November 2017. Available from:

<http://www.portstrategy.com/news101/world/americas/us-house-passes-port-cybersecurity-act>

The US House of Representatives' Homeland Security Committee has passed legislation aimed at addressing cybersecurity concerns at the country's ports.

**"Shipping stands ready to face challenges posed by cybercrime" / INTERVIEW.**

**By Alberto Ghiara.** *MediTelegraph (Italy)*. 16 November 2017. Available from:

<http://www.goo.gl/CuHBWY>

In recent years, cybercrime has increasingly targeted the transport sector, causing experts in the field to respond by honing their tool kits.

**Cybersecurity: Eight Tenets to Consider.** By Norma Krayem, Cybersecurity and Privacy Team, Holland and Knight. *Maritime Executive*. 18 November 2017. Available from: <https://maritime-executive.com/blog/cybersecurity-eight-tenets-to-consider> Cybersecurity risks to the nation's critical infrastructure, now defined as 17 sectors including the transportation and maritime sector, are growing exponentially.

**Navy establishes Maritime Safety Information portal for mariners safety on nation's water, GOG.** By Evelyn Usman. *Vanguard (Nigeria)*. 17 November 2017. Available from: <https://www.vanguardngr.com/2017/11/navy-establishes-maritime-safety-information-portal-mariners-safety-nations-water-gog/> Nigeria, yesterday, fulfilled a critical international Hydrographic requirement, with the establishment of the Maritime Safety Information MSI portal, which will enable prompt information that will aid safe navigation by mariners through the nation's water and the Gulf of Guinea.

**The G7 High Level Meeting on Maritime Security.** *Italian G7 Presidency 2017*. 22 November 2017. Available from: <http://www.g7italy.it/en/news/the-g7-high-level-meeting-on-maritime-security> Traditional threats to maritime security, technological innovations and the challenges posed by marine environmental degradation to international stability have been at the core of the G7 High Level Meeting on Maritime Security, which took place on November 20, 2017 at the Italian Ministry of Foreign Affairs headquarters in Rome.

**Hackers took 'full control' of container ship's navigation systems for 10 hours.** By Tanya Blake. *Fairplay*. 22 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294281/hackers-took-%E2%80%99full-control%E2%80%99-of-container-ship%E2%80%99s-navigation-systems-for-10-hours> In February 2017 hackers reportedly took control of the navigation systems of a German-owned 8,250 teu container vessel en route from Cyprus to Djibouti for 10 hours.

**UK and France increase security cooperation in the Channel .** *UK Ministry of Defence*. 20 November 2017. Available from: <https://www.gov.uk/government/news/uk-and-france-increase-security-cooperation-in-the-channel> In his first bilateral meeting in the UK with French Minister for the Armed Forces Florence Parly, Defence Secretary Gavin Williamson has agreed to increase maritime intelligence sharing.

**Maritime crimes deprive Gulf of Guinea of development, says NSA.** *Ships & Ports*. 24 November 2017. Available from: <http://shipsandports.com.ng/maritime-crimes-deprive-gulf-guinea-development-says-nsa/> The National Security Adviser (NSA), Babagana Monguno has said the rate of maritime crimes on the Gulf of Guinea is depriving the region of economic development.

**Container ship load planning systems are easily hackable.** By Sam Chambers. *Splash 24/7*. 28 November 2017. Available from: <http://splash247.com/container-ship-load-planning-systems-easily-hackable/> Ethical hackers Pen Test Partners have highlights a vulnerability in the load planning processed used by containerships.

**British shipping firm Clarkson reports cyber attack.** By Rahul B. *Reuters*. 29 November 2017. Available from: <https://uk.reuters.com/article/us-clarkson-cyber/british-shipping-firm-clarkson-reports-cyber-attack-idUKKBN1DT1KO> British shipping services provider Clarkson Plc said it was subject to a cyber security incident and warned that the person or persons behind the incident may release some data on Wednesday.

**Notice of cyber security incident.** *Clarkson PLC*. 29 November 2017. Available from: [http://www.clarksons.com/media/1129201/notice\\_of\\_cyber\\_security\\_incident.pdf](http://www.clarksons.com/media/1129201/notice_of_cyber_security_incident.pdf) 

Clarkson PLC confirms that it was subject to a cybersecurity incident which involved unauthorised access to the Company's computer systems.

**Clarksons braced for data leak.** By **Namrata Nadkarni**. *Fairplay*. 30 November 2017. Available from: <https://fairplay.ihs.com/commerce/article/4294611/clarksons-braced-for-data-leak> Some Clarksons customers may find their confidential data released online as a result of a cyber-security incident involving the well-known shipbroker.

**Redefining piracy: the risk of poor IT security in shipping.** *Ship-Technology.Com*. 30 November 2017. Available from: <http://www.ship-technology.com/features/redefining-piracy-risk-poor-security-shipping/> Connecting mission-critical technologies to the internet combines both risk and reward. Jalal Bouhdada, founder and principal ICS security consultant at Applied Risk, discusses the risk posed by unsecured VSAT communication links in the maritime sector.

**After DPRK missile launch, UN political chief urges Security Council to 'do all it can' to prevent escalation.** *UN News Centre*. 29 November 2017. Available from: <http://www.un.org/apps/news/story.asp?NewsID=58182> Following the latest ballistic missile launch by the Democratic People's Republic of Korea (DPRK), which its official media claimed is "capable of striking the whole mainland of the United States," the top United Nations political affairs official on Wednesday urged Security Council members to unite in preventing an escalation.

## MARITIME TRAINING

**Creation of Cyprus Sea Institute approved.** By **Evie Andreou**. *Cyprus Mail*. 31 October 2017. Available from: <http://cyprus-mail.com/2017/10/31/creation-cyprus-sea-institute-approved/> The Cabinet on Tuesday approved the creation of a national sea institute as part of the transport ministry's efforts to introduce a comprehensive policy on regional cooperation and the sustainable development of the sea.

**Maritime Singapore deepens research capabilities for a stronger maritime innovation ecosystem at the 7th Singapore Maritime Institute Forum.** *Singapore Maritime Institute*. 31 October 2017. Available from: <https://www.maritimeinstitute.sg/Events-Activities?tabs=news&year=2017&modal=60> More than 150 participants from the industry, academic and government agencies took part in the annual Singapore Maritime Institute (SMI) Forum today to share and discuss innovation in the maritime sector.

**SPC and IMO train regional maritime trainers as simulator and ECDIS instructors.** *Pacific Community (SPC)*. 6 November 2017. Available from: <http://www.spc.int/blog/spc-and-imo-train-regional-maritime-trainers-as-simulator-and-ecdis-instructors/> The Pacific Community (SPC) in collaboration with the International Maritime Organization (IMO) and the Maritime and the Port Authority of Singapore (MPA) last week (30 October to 3 November) convened the regional train the trainer course for simulator instructors, Electronic Chart Display, and Information System (ECDIS) trainers.

**Loss prevention challenges of seafarer competency assessment and competency assurance.** By **Dr. William H. Moore, Senior VP, Loss Prevention, American Club**. *Safety 4 Sea*. 6 November 2017. Available from: <https://www.safety4sea.com/loss-prevention-challenges-of-seafarer-competency-assessment-and-competency-assurance/> The maritime industry faces numerous challenges on many fronts in a competitive and depressed commercial market.

**Launch: MarTID - the Global Maritime Training Insights Database. By Michael Manuel, Associate Professor, WMU.** *MarineLink.Com*. 6 November 2017. Available from: <https://www.marinelink.com/news/maritime-training431007> MarTID – the Maritime Training Insights Database, is a new non-commercial initiative collaboratively founded by the World Maritime University, New Wave Media and Marine Learning Systems.

**U.S. Senate approves legislation for maritime centers of excellence. By Jeannie Peng Mansyur.** *San Jacinto College (US)*. 9 November 2017. Available from: <http://www.sanjac.edu/node/7235491> San Jacinto College is one step closer to having a Maritime Center of Excellence.

**Interview: Vitaly Klyuyev: "Seafarers training system in Russia complies with international standards".** *Port News*. 10 November 2017. Available from: <http://en.portnews.ru/comments/2417/> The system of training and certification of seafarers in Russia has been brought into compliance with the international requirements.

**Maritime Training Practices Take a 'Right' Turn. By Joseph Keefe.** *Maritime Logistics Professional*. 14 November 2017. Available from: <https://www.maritimeprofessional.com/blogs/post/maritime-training-practices-take-a-right-turn-15286> Launched just last week, the Maritime Training Insights Database (MarTID) is an initiative of The World Maritime University, Marine Learning Systems and New Wave Media.

**US Coast Guards, NZ Maritime Train Our Port Security Officers. By Caroline Ratucadra.** *Fiji Sun Online*. 15 November 2017. Available from: <http://fijisun.com.fj/2017/11/15/us-coast-guards-nz-maritime-train-our-port-security-officers/> For the first time officers from the US Coast Guards and New Zealand Maritime yesterday conducted a joint training to local port security personnel in an effort to strengthen the International Ship and Port Facility Security Code.

**250 Students Graduate From Caribbean Maritime University.** *The Gleaner (Jamaica)*. 17 November 2017. Available from: <http://jamaica-gleaner.com/article/news/20171117/250-students-graduate-caribbean-maritime-university> The newly chartered Caribbean Maritime University (CMU) on Tuesday graduated its first cohort of students to be certified since the institution's formal upgrading in September.

**Nautilus calls for budget action to boost UK seafarer training.** *Nautilus International*. 16 November 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/nautilus-calls-for-budget-action-to-boost-uk-seafarer-training/> Nautilus has called for Budget action to improve the UK's Support for Maritime Training (SMarT) scheme – pointing to shipowners' promises to boost jobs if the assistance is increased.

**Connectivity opens distance-learning opportunity for LNG crews, says GTT Training. By Karen Thomas.** *Marine Electronics and Communications*. 17 November 2017. Available from: [http://www.marinemec.com/news/view\\_connectivity-opens-distancelearning-opportunity-for-lng-crews-says-gtt-training\\_49931.htm](http://www.marinemec.com/news/view_connectivity-opens-distancelearning-opportunity-for-lng-crews-says-gtt-training_49931.htm) Improving ships' connectivity opens a new opportunity to introduce learner-centred training at sea, delegates at the LNG World Shipping LNG ship-shore interface conference heard today.

**Training technology deployed in new Norwegian centre. By Martyn Wingrove.** *Norwegian Solutions*. 24 November 2017. Available from: [http://www.norwegiansi.com/news/view\\_training-technology-deployed-in-new-norwegian-centre\\_50004.htm](http://www.norwegiansi.com/news/view_training-technology-deployed-in-new-norwegian-centre_50004.htm) Norwegian University of Science and Technology (NTNU) is building a suite of bridge and dynamic positioning (DP) simulators at the Norwegian Maritime Competence centre (NMK) in Ålesund, Norway.

**SA Agulhas Sets Sail for Antarctic with 20 Cadets. By Bob Whitehouse.**

*Southern Africa Shipping News*. 24 November 2017. Available from:

<http://www.sashippingnews.com/2017/11/24/sa-agulhas-sets-sail-antarctic-20-cadets/>

Carrying its special cargo of 20 new cadet recruits, the *SA Agulhas* will set sail to Mauritius and Antarctica today, 24th November 2017, under the command of Captain Mike Barnes.

## MIGRANTS

**Mediterranean Migrant Arrivals Reach 150,982 in 2017; Deaths Reach 2,839.**

*International Organization for Migration (IOM)*. 3 November 2017. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-150982-2017-deaths-reach-2839>

IOM, the UN Migration Agency, reports that 150,982 migrants and refugees entered Europe by sea in 2017 through 1 November, with about 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

**Four Die, Survivors in Critical Condition as Second Boat Carrying Rohingya Refugees Capsizes in Two Days.**

*International Organization for Migration (IOM)*. 1 November 2017.

Available from: <https://www.iom.int/news/four-die-survivors-critical-condition-second-boat-carrying-rohingya-refugees-capsizes-two-days>

Around 2.00 am two nights ago (30/10), approximately 40 Rohingya refugees left Gorgondia, Myanmar, for Bangladesh on a small fishing boat. Early yesterday morning (31/10) around 8.00 am, the boat capsized off Baillakhali Sea Point in Jaliapalong Union, Ukhiya sub-district.

**Italy probes deaths of 26 Nigerian women from migrant boats. BBC News.**

6 November 2017. Available from: <http://www.bbc.co.uk/news/world-europe-41884354>

Italian prosecutors are investigating the deaths of 26 Nigerian women - most of them teenagers - whose bodies were recovered at sea.

**Corpses of 26 Trafficked Women Arrive in Italy, as Mediterranean Migrant Arrivals Reach 154,609 in 2017; Deaths Reach 2,925.**

*International Organization for Migration (IOM)*.

7 November 2017. Available from: <https://www.iom.int/news/corpses-26-trafficked-women-arrive-italy-mediterranean-migrant-arrivals-reach-154609-2017>

IOM, the UN Migration Agency, reports that 154,609 migrants and refugees entered Europe by sea in 2017 through 5 November, with about 75 per cent arriving in Italy and the remainder arriving in Greece, Cyprus and Spain.

**Mediterranean Migrant Arrivals Reach 155,856 in 2017; Deaths Reach 2,961.**

*International Organization for Migration (IOM)*. 10 November 2017. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-reach-155856-2017-deaths-reach-2961>

IOM, the UN Migration Agency, reports that 155,856 migrants and refugees entered Europe by sea in 2017 through 8 November, with just over 73 per cent arriving in Italy and the remainder landing in Greece, Cyprus and Spain.

**Spain rescues 250 migrants in Mediterranean. The Local (Spain).**

12 November 2017. Available from: <https://www.thelocal.es/20171112/spain-rescues-250-migrants-in-mediterranean>

"We saved 251 people from five improvised vessels all in the Alboran Sea," Spain's maritime safety authorities said on Twitter, referring to the westernmost portion of the Mediterranean Sea.




**Mediterranean Migrant Arrivals Reach 157,020 in 2017; Deaths Reach 2,966.**

*International Organization for Migration (IOM)*. 14 November 2017. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-157020-2017-deaths-reach-2966> IOM, the UN Migration Agency, reports that 157,020 migrants and refugees entered Europe by sea in 2017 through 12 November, with about 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

**New Study Concludes Europe's Mediterranean Border Remains 'World's Deadliest'.**

*International Organization for Migration (IOM)*. 24 November 2017. Available from: <http://www.iom.int/news/new-study-concludes-europes-mediterranean-border-remains-worlds-deadliest/> IOM, the UN Migration Agency's Global Migration Data Analysis Centre (GMDAC), today (24/11) released a new report reviewing the evidence of Four Decades of Cross-Mediterranean Undocumented Migration to Europe and concludes that Europe's Mediterranean border is "by far the world's deadliest." [Four Decades of Cross-Mediterranean Undocumented Migration to Europe: A Review of the Evidence](#)

**Migrant crisis: Boat sinks off Libya, killing at least 31.** *BBC News*. 25 November 2017.

Available from: <http://www.bbc.co.uk/news/world-africa-42125070>  They had been trying to cross the Mediterranean along with another boat.


**Migrant Drownings Top 3,000 for 4th Straight Year, Despite Reduced Migrant Crossings of Mediterranean.** *International Organization for Migration (IOM)*. 28 November 2017.

Available from: <http://www.iom.int/news/migrant-drownings-top-3000-4th-straight-year-despite-reduced-migrant-crossings-mediterranean> The International Organization for Migration (IOM), the UN Migration Agency, is reporting that a grim weekend of death has resulted in the confirmation of at least 3,000 migrant or refugee deaths on Mediterranean Sea routes through 26 November 2017, marking the fourth consecutive year that IOM's Missing Migrants Project (MMP) has reported this total.

**Skeletons found on 'ghost ship' washed up in Japan.** *BBC News*. 28 November 2017.

Available from: <http://www.bbc.co.uk/news/world-asia-42148099> Japanese authorities are trying to identify eight people whose partially skeletonised remains were found on a wooden boat that washed up on a beach.

**The Global Compact for Migration: How Does Development Fit In? By Kathleen Newland.**

*Migration Policy Institute (MPI)*. November 2017. Available from: <https://www.migrationpolicy.org/research/global-compact-migration-how-does-development-fit> The links between global development and migration run deep, though only in recent years have their connections been a part of the global debate. [Brief](#) 

## NAVIGATION AND COMMUNICATIONS

### **KVH Launches New High-speed Maritime Network on Intelsat Epic Satellites.**

*KVH Industries*. 31 October 2017. Available from: <http://www.goo.gl/oKprBR> KVH Industries, Inc., today announced the launch of its next-generation, advanced maritime broadband network, joined by service partner, Intelsat S.A. (NYSE: I).

**High standard beacons. By Shayal Devi.** *Fiji Times*. 1 November 2017. Available from: <http://www.fijitimes.com/story.aspx?id=422204> The Maritime Safety Authority of Fiji has plans in place to introduce new International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) Region A standard beacons, says chief executive officer John Tunidau.

### **Research and training to improve safety of Arctic navigation. By Stephen Cousins.**

*Fairplay*. 7 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4292786/research-and-training-to-improve-safety-of-arctic-navigation> As climate change rapidly melts away the Arctic sea ice, a host of countries, including Canada, China, Iceland, Russia, and the United States, are making preparations to turn the region into a busy global shipping route.

### **New Sailing Routes for Future Container Mega-Ships. By Harry Valentine.**

*Maritime Executive*. 13 November 2017. Available from: <https://www.maritime-executive.com/editorials/new-sailing-routes-for-future-container-mega-ships> A recent forecast of future trade suggests that by mid-21st century container ships could carry double the capacity of the largest present day ships. B

### **Research, Development, Testing and Evaluation: Arctic Navigational Safety Information System. By Loretta Haring, Office of Strategic Planning and Communication Acquisition Directorate.**

*US Coast Guard Compass*. 14 November 2017. Available from: <http://coastguard.dodlive.mil/2017/11/rdte-arctic-navigational-safety-information-system/> The extensive seasonal melting of sea ice, reduction of multi-year ice and increase in first-year ice throughout the Arctic has generated an increase in maritime traffic.

### **Simple steps to improve cyber security on ECDIS. By Marcus Hand.**

*Seatrade Maritime News*. 17 November 2017. Available from: <http://www.seatrade-maritime.com/news/americas/simple-ways-to-improve-cyber-security-on-ecdis.html> The cyber security risks to ECDIS navigation systems, many of which run on old, and unsupported operating systems, are well known, and ABS director of cyber security Paul Walters offers some very simple advice on how to help keep them safe.

### **Government of Canada to improve local maritime situational awareness and reduce marine traffic congestion through the Oceans Protection Plan.**

*Government of Canada*. 16 November 2017. Available from: [https://www.canada.ca/en/transport-canada/news/2017/11/government\\_of\\_canadatoimprovelocalmaritimesituationalawarenessan.html](https://www.canada.ca/en/transport-canada/news/2017/11/government_of_canadatoimprovelocalmaritimesituationalawarenessan.html) As we mark the one-year anniversary of Canada's \$1.5 billion Oceans Protection Plan-the largest investment ever made to protect Canada's coasts and waterways-the Government of Canada is pleased to announce that \$63 million will be dedicated to two initiatives, Enhanced Maritime Situational Awareness and Anchorages.

### **Thuraya plans for future satellites and ship communications. By Martyn Wingrove.**

*Marine Electronics and Communications*. 20 November 2017. Available from: [http://www.marinemec.com/news/view/thuraya-plans-for-future-satellites-and-ship-communications\\_49945.htm](http://www.marinemec.com/news/view/thuraya-plans-for-future-satellites-and-ship-communications_49945.htm) Thuraya Telecommunications is in the middle of a new stage of growth in maritime communications by setting up the infrastructure for a next generation of services.

**In Depth: No Longer Sailing South? By Marnix Viergever.** *World Maritime News*. 19 November 2017. Available from: <http://worldmaritimeneeds.com/archives/235655/no-longer-sailing-south/> The Suez Canal is still the most efficient route to transport large amounts of cargo between Asia and Europe - however, due to the melting of sea ice in Arctic regions, ships are able to sail faster from East Asia to Western Europe by taking the Northeast Passage.

**Designed for danger? By Michael Grey.** *Lloyd's List*. 22 November 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120124/Designed-for-danger?vid=Maritime&processId=123d7878-77f2-4377-8130-33da396588ae> Making seafarers liable for problems caused by radical ship designs seems distorted.

**Maritime security: Isro to help track suspicious vessels through satellite imageries.** **By Bharti Jain.** *Times of India*. 25 November 2017. Available from: <https://timesofindia.indiatimes.com/india/isros-satellite-images-to-help-track-suspicious-vessels/articleshow/61785927.cms> Indian Space Research Organisation (Isro) will soon help agencies engaged in coastal and maritime security to track suspicious vessels and boats through satellite imagery.

## PIRACY

**Shipping faces evolving piracy threat. By Lee Willett.** *Fairplay*. 3 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4292776/shipping-faces-evolving-piracy-threat> The merchant navy faces an ever-evolving range of security risks.

**Piracy: Foreign Shipping Firms Pay N14bn To Escort Vessels In Nigeria.** **By Yusuf Babalola.** *Leadership (Nigeria)*. 6 November 2017. Available from: <http://leadership.ng/2017/11/06/piracy-foreign-shipping-firms-pay-n14bn-escort-vessels-nigeria/> Due to the volatile nature of Nigeria waterways, foreign shipping companies spend over N13.76 billion (\$45 million) annually to escort their vessels from one point to another on Nigeria's waterways, LEADERSHIP has learnt.

**German company says six kidnapped crewmen taken by pirates freed in Nigeria.** *Deutsche Welle (Germany)*. 12 November 2017. Available from: <http://www.goo.gl/BM9c1H> "Peter Doehle Schiffahrts-KG are pleased to report that the six crew members of her container vessel *Demeter* who were taken hostage on October 21 and have spent the past two and a half weeks in captivity, were released and are now safe," the company told the Agence France-Presse news agency on Sunday.

**Djibouti: Renewed interest in maritime security facility next to Chinese base.** **By Michael Edward Walsh.** *Center on Public Diplomacy (CPD)*. 15 November 2017. Available from: <http://uscpublicdiplomacy.org/blog/djibouti-renewed-interest-maritime-security-facility-next-chinese-base> Thanks to millions of dollars in funding from the government of Japan, the Djibouti Regional Training Center (DRTC) opened its doors two years ago.

**EU NAVFOR's Italian ship *Virginio Fasan* chases and captures suspected pirates.** *EU NAVFOR Somalia*. 19 November 2017. Available from: <http://eunavfor.eu/eu-navfors-italian-ship-virginio-fasan-chases-and-captures-suspected-pirates/> Six crew of a motor whaler, acting as mother ship, and a skiff have been detained following attacks on a 52,000 tonne container ship and a fishing vessel.

**Six suspected pirates to be transferred to Seychelles.** *Seychelles Nation*.

22 November 2017. Available from: <http://www.nation.sc/article.html?id=256631>

Six suspected pirates are expected to arrive here later this week on board EU NAVFOR Somalia's flagship, the Italian warship, *ITS Virginio Fasan*.

**EU naval official offers appreciation for Seychelles' role in piracy fight.** By Daniel Laurence and Betymie Bonnelame. *Seychelles News Agency*. 25 November 2017.

Available from:

<http://www.seychellesnewsagency.com/articles/8291/EU+naval+official+offers+appreciation+for+Seychelles+role+in+piracy+fight> The support of Seychelles is crucial in deterring future pirate attacks in the region, said a top official of the European Union Naval Force (EU NAVFOR) delegation during a meeting with the President of Seychelles on Friday.

**Iran Navy repels pirate attack in Gulf of Aden.** *Press TV (Iran)*. 26 November 2017.

Available from: <http://www.presstv.com/Detail/2017/11/26/543556/Iran-Oman-Aden-Gulf-Alvand-Lavan-Ras-Sharbitat-pirate-attack>

Iran's 48th naval fleet, comprised of *Alvand* destroyer and *Lavan* logistic warship, rescued the Iranian ship from an attack by pirates in south of Ras Sharbitat region in Oman on Sunday morning.

## PORT STATE CONTROL

**Why Port State Control is like toothpaste.** By Rod Johnson, former Port State Control Officer. *Splash 24/7*. 3 November 2017.

Available from: <http://splash247.com/port-state-control-like-toothpaste/>

The UK approach to PSC has always been rooted in commonsense and delivered by seasoned mariners with the odd naval architect thrown in (some of them were very odd).

**Paris MOU to pull data plug on RightShip.** By Adam Corbett. *TradeWinds*.

2 November 2017. Available from: <http://www.tradewindsnews.com/casualties/1373342/paris-mou-to-pull-data-plug-on-rightship>

The Paris Memorandum of Understanding on Port State Control (Paris MoU) is preparing to end the supply of inspection data to ship safety vetting agency RightShip, and the speculation is that the move is in response to criticism of the company's new ratings system.

**RightShip boss suggests 'corporate capture' behind Paris MoU decision to restrict data access.** By Sam Chambers. *Splash 24/7*. 6 November 2017.

Available from: <http://splash247.com/rightship-boss-suggests-corporate-capture-behind-paris-mou-decision-restrict-data-access/>

Warwick Norman, the CEO at third party ship vetting organisation RightShip, has blasted the decision by Paris MOU member states to stop providing data at source to industry and publish only via parismou.org and equasis.org as "regressive".

**IMO eyes major port state control shake up.** By Sam Chambers. *Splash 24/7*.

7 November 2017. Available from: <http://splash247.com/imo-eyes-major-port-state-control-shake-up/>

In a significant shake up for port state control regimes, the black, grey and whites lists could be sent to oblivion.

**Foreign flagged ships under detention in the UK during October 2017.**

*UK Maritime & Coastguard Agency*. 6 November 2017. Available from:

<https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-october-2017>

The Maritime and Coastguard Agency (MCA) announced today that ten foreign flagged ships were under detention in UK ports during October 2017 after failing Port State Control (PSC) inspection.

**Ultra-large containerships and smart ports.** By Michele Labrut. *Seatrade Maritime News*. 22 November 2017. Available from: <http://www.seatrade-maritime.com/news/americas/ultra-large-containerships-and-smart-ports.html> Ultra-large containerships, efficiency going beyond the smart port to the "intelligent load" were the focus of the 26th Latin American Congress of Ports of the American Association of Port Authorities-AAPA-, in Punta del Este, Uruguay.

## PORTS AND HARBOURS

**Fourth "GO Green" Environmental Initiative Engages 7,500 Port Industry Employees.**

*Hellenic Shipping News*. 30 October 2017. Available from: <http://www.hellenicshippingnews.com/fourth-go-green-environmental-initiative-engages-7500-port-industry-employees/> For the fourth year in a row, a collaboration of the world's leading container port operators DP World, Hutchison Ports, PSA International and Shanghai International Port Group, along with the Port of Rotterdam Authority, has completed a week-long global "Go Green" initiative across their international port and facility networks, yielding positive results in terms of environmental education and conservation.


**Future green EU port project plan.** *Port Strategy*. 30 October 2017. Available from:

<http://www.portstrategy.com/news101/world/europe/future-port-project-planning-underway> Consulting firm Circle will manage the 'DocksTheFuture' project selected by INEA under the EU Horizon 2020 Programme within the 'Smart, green and integrated transport' challenge, which includes areas such as aviation, infrastructure, green vehicles and 'Blue Growth'.

**King Abdullah Port caps first phase of electronic integration with Saudi Customs.**

*Saudi Gazette (Saudi Arabia)*. 30 October 2017. Available from: <http://saudigazette.com.sa/article/520645/BUSINESS/King-Abdullah-Port-caps-first-phase-of-electronic-integration-with-Saudi-Customs> King Abdullah Port has announced the completion of the first phase of integration between the Port Community System, a computerized information system that facilitates access to information and allows efficient implementation of operations at the port, and the Customs-affiliated SANAM, in a step that will enable King Abdullah Port and the Customs to implement the electronic exchange of cargo manifests and container inspection instructions.

**US Ports Testify on 'Real Gaps' in Cybersecurity.** *Port Technology International*.

31 October 2017. Available from: [https://www.porttechnology.org/news/us\\_ports\\_testify\\_on\\_real\\_gaps\\_in\\_security](https://www.porttechnology.org/news/us_ports_testify_on_real_gaps_in_security)  US port authorities have testified before the US Department of Homeland Security's oversight committee on funding gaps when it comes to protecting ports from terrorist and cyberattacks.

**Over 100 coal-laden ships lie idle off Chinese ports as import restrictions bite.**

By Mike Cooper. *S&P Global Platts*. 31 October 2017. Available from: <https://www.platts.com/latest-news/shipping/perth/over-100-coal-laden-ships-lie-idle-off-chinese-27883449> S&P Global Platts C-flow vessel tracking software showed 102 ships loaded with coal were stationary off the southern and eastern coasts of China Tuesday, up sharply from around 36 in mid-September.

**Colombia studying 17 port projects.** *Port Strategy*. 31 October 2017. Available from:

<http://www.portstrategy.com/news101/world/south-america/colombia-studying-17-port-projects> The government in Colombia is undertaking a study for the development of terminals across 17 ports, distributed between the country's Caribbean and Pacific coasts.

**Port of Amsterdam committed to reducing shipping emissions** . *Port of Amsterdam*.

1 November 2017. Available from: <https://www.portofamsterdam.com/en/press-release/port-amsterdam-committed-reducing-shipping-emissions> Port of Amsterdam aims to reduce shipping emissions and minimise the environmental impact of these emissions by working with the shipping sector.

**Economy, policy uncertainty threaten ports projects. By Sulaimon Salau.** *Guardian (Nigeria)*. 1 November 2017. Available from: <http://guardian.ng/business-services/economy-policy-uncertainty-threaten-ports-projects/>

A number of ports development projects across Africa may be pointing to a positive outlook for capacity expansion in the region, but the myriads of uncertainties in economic growth become a limiting factor.

**L.A., Long Beach ports adopt plan to slash air pollution and go zero-emissions.**

**By Tony Barboza.** *Los Angeles Times*. 2 November 2017. Available from:

<http://www.latimes.com/local/lanow/la-me-ports-air-quality-20171102-story.html> The nation's largest port complex approved a plan Thursday to slash air pollution by encouraging the phase-out of diesel trucks in favor of natural gas and, ultimately, zero-emissions trucks and cargo-handling equipment over the next two decades

**San Pedro Bay Ports Approve Bold New Clean Air Strategies.** *Clean Air Action Plan*

(CAAP). 2 November 2017. Available from: <http://www.cleanairactionplan.org/news/san-pedro-bay-ports-approve-bold-new-clean-air-strategies/> The governing boards of the ports of Los Angeles and Long Beach today (Nov. 2, 2017) unanimously approved the 2017 Clean Air Action Plan (CAAP) Update, ushering in a new era of aggressive clean air strategies for moving cargo through the nation's busiest container port complex.

**NSC's [Nigeria's Shippers Council] Hassan Bello Highlights The Need To Improve Port Infrastructure.** *CNBC Africa*. 2 November 2017. Available from:

<https://www.cnbcfrica.com/videos/2017/11/02/nscs-hassan-bello-highlights-the-need-to-improve-port-infrastructure/>

The need to have a flourishing maritime ecosystem cannot be over stated, as the blue economy in Africa is estimated to be worth about one trillion dollars per annum.

**COSCO Shipping Ports break ground at Khalifa port.** *Abu Dhabi Ports*. 5 November 2017.

Available from: <http://www.adports.ae/en/media-centre/newslisting/cosco-shipping-ports-break-ground-at-khalifa-port/>

In the presence of H.H Sheikh Theyab bin Mohamed bin Zayed Al Nahyan, Chairman of the Department of Transport and member of the Abu Dhabi Executive Council, Abu Dhabi Ports and COSCO SHIPPING Ports Limited (CSP) held their ground-breaking ceremony for the CSP Abu Dhabi Container Terminal during a high-level event at Khalifa Port.

**Protecting ports from global warming. By Eva Grey.** *Ship-Technology.Com*.

9 November 2017. Available from: <http://www.ship-technology.com/features/protecting-ports-global-warming/> Ports and harbours are vulnerable to extreme weather events, but they are also instrumental in the aftermath of a natural disaster for the delivery of emergency aid to the affected population further inland.

**Saudi-led blockade closes all Yemen's ports.** *Gray Page*. 8 November 2017. Available from:

<https://www.graypage.com/threat-picture/> It said the blockade of the ports would be temporary and would take into account the work of humanitarian and aid organisations.

**PORTOPIA partners present outcome of their project.** *PORTOPIA*. 10 November 2017. Available from: <http://www.portopia.eu/?p=1692> During their Final Event on 9 November 2017, the PORTOPIA partners have presented the outcome of their project and shed a light on future developments.

**Pinpointing B.C. port infrastructure priorities.** By Timothy Renshaw. *Business Vancouver*. 14 November 2017. Available from: <https://www.biv.com/article/2017/11/pinpointing-bc-port-infrastructure-priorities/> The \$2 billion project, which has been in the planning stages since 2006 and is undergoing federal environmental review, would add approximately 2.4 million 20-foot-equivalent units (TEUs) to the Port of Vancouver's (PoV) annual container cargo-handling capacity.

**GMA, IMO hold workshop to encourage effective Self-Auditing in port facilities.** *GhanaWeb*. 15 November 2017. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/GMA-IMO-hold-workshop-to-encourage-effective-Self-Auditing-in-port-facilities-600948> The International Maritime Organization in partnership with the Ghana Maritime Authority has organised a self-auditing training exercise and workshop on port facilities under the auspices of the Ministry of Transport.

**Expansion of e-certs for Singapore-registered ships, drone survey criteria under development.** By Marcus Hand. *Seatrade Maritime News*. 17 November 2017. Available from: <http://www.seatrade-maritime.com/news/asia/expansion-of-e-certs-for-singapore-registered-ships-drone-survey-criteria-under-development.html> The Maritime & Port Authority of Singapore (MPA) is promoting and expanding the use of e-certificates for Singapore-registered ships, and developing acceptance criteria for the use of drones for surveys.

**British ports call for transport infrastructure and connectivity recognition ahead of the Chancellor's Budget Statement.** *British Ports Association*. 20 November 2017. Available from: <https://www.britishports.org.uk/news/british-ports-call-for-transport-infrastructure-and-connectivity-recognition-ahead-of-the> Ahead of this week's Budget Statement, the British Ports Association is calling on the Chancellor to prioritise transport infrastructure spending and to ensure that port connectivity schemes are not overlooked.

**Scottish energy ports capability directory launched.** *British Ports Association*. 21 November 2017. Available from: <https://www.britishports.org.uk/news/scottish-energy-ports-capability-directory-launched> A new dynamic Scottish Ports Directory aimed at the energy industry has been launched today.

**Baku International Sea Trade Port aims to achieve Green Port status.** By Sara Israfilbayova. *AzerNews (Azerbaijan)*. 21 November 2017. Available from: <https://www.azernews.az/business/122545.html> Baku International Sea Trade Port, expecting to become one of the leading trade and logistics hubs of Eurasia, intends to obtain the status of the first Green Port in the territory of the CIS.

**Port of Tauranga is New Zealand's international hub.** By Graham Skellern. *New Zealand Herald*. 24 November 2017. Available from: [http://www.nzherald.co.nz/business/news/article.cfm?c\\_id=3&objectid=11947221](http://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=11947221) Two weeks after completing its \$350 million, 10-year development programme, the first large post-panamax container ship sailed past Mauao and into the beautiful harbour.

**How 2017 shaped up for dredging and port construction. By Lisa Maher. Fairplay.**

22 November 2017. Available from: <https://fairplay.ihs.com/dredging/article/4294306/how-2017-shaped-up-for-dredging-and-port-construction>

With employment figures creeping up, rising living standards, and inflation remaining generally low, consumer demand remained fairly firm - again, underpinning trade, which supported shipping and therefore the dredging and port construction sector.

**Zero-emission port by 2050. Port of Rotterdam. 24 November 2017. Available from:**

<https://www.portofrotterdam.com/en/news-and-press-releases/zero-emission-port-by-2050>

The main difference with today's port is that this activity and this employment will be generated by industry and shipping sectors that release next to no emissions.

**Mombasa Port scoops award for best transit in Africa. By Margaret Kalekye.**

*Kenya Broadcasting Corporation (KBC)*. 24 November 2017. Available from:

<http://www.kbc.co.ke/business/mombasa-port-emerges-best-transit-eastern-southern-africa/>

The Port of Mombasa has been declared the best transit and supply logistics Port in Eastern and Southern Africa at the African Ports Awards ceremony held in Livingston, Zambia.

**FEPOR T adopts its strategic Roadmap 2018-2020 in view of the upcoming disruptive changes within the maritime logistics chain. FEPOR T (Federation of European Private Port Operators and Terminals). 29 November 2017. Available from:**

<http://www.goo.gl/6TxjJ3>

One day before its Third Annual Stakeholders' Conference, FEPOR T held its General Assembly meeting in Brussels.

## RECYCLING OF SHIPS

**One year later and no lessons learned at Gadani as Ace is set aflame - Again!**

*NGO Shipbreaking Platform*. 9 November 2017. Available from:

<http://www.shipbreakingplatform.org/press-release-one-year-later-and-no-lessons-learned-at-gadani-as-aces-is-set-aflame-again/>

Shipbreaking plot no. 54 in Gadani, Pakistan, was sealed off yesterday after a massive fire broke out on-board the ship ACES (IMO 8021830).

**Banks and shipowners join campaign for the safe recycling of ships.**

*IndustriALL Global Union*. 24 November 2017. Available from: [http://www.industrial-](http://www.industrialunion.org/banks-and-shipowners-join-campaign-for-the-safe-recycling-of-ships)

[union.org/banks-and-shipowners-join-campaign-for-the-safe-recycling-of-ships](http://www.industrialunion.org/banks-and-shipowners-join-campaign-for-the-safe-recycling-of-ships) IndustriALL has long campaigned for the safe recycling of ships, and held a series of meetings with industry stakeholders to develop a collective response to improving the industry.



## REGULATIONS

**Palau Welcomes the Future of Shipping Regulation.** By Priyanka Ann Saini. *Sea News*. 10 November 2017. Available from: <http://seanews.co.uk/palau-welcomes-the-future-of-shipping-regulation/> Port State Control could be about to change and move away from black, grey and white performance lists as pressure grows to concentrate more on targeted inspections of under-performing ships, a potential move welcomed by Palau International Ship Registry (PISR).

**Shipping will be included in the EU emissions trading regime.** By Anastassios Adamopoulos. *Lloyd's List*. 9 November 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL112271/Shipping-will-be-included-in-the-EU-emissions-trading-regime> The shipping industry will be in the European Union's revised Emissions Trading System, but only in a compromised form that spares it from regional legal obligations and allows global decarbonisation efforts to proceed intact, Lloyd's List understands.

**Concern over cyber liability and lack of regulation hindering implementation of unmanned ships.** *Clyde & Co LLP*. 20 November 2017. Available from: <https://www.clydeco.com/firm/news/view/concern-over-cyber-liability-and-lack-of-regulation-hindering-implementation> Almost two thirds (64%) of global marine industry executives believe there is uncertainty surrounding liability issues relating to unmanned ships should a vessel be involved in an incident as a result of a cyber-attack, according to a new report from global law firm Clyde & Co and the Institute of Marine Engineering, Science & Technology (IMarEST). [Technology in shipping: The impact of technological change on the shipping industry](#)

**Greek owners focus on sulphur and CO2 emissions requirements.** By David Glass. *Seatrade Maritime News*. 20 November 2017. Available from: <http://www.seatrade-maritime.com/news/europe/greek-owners-focus-on-sulphur-and-co2-emissions-requirements.html> Meeting new emissions regulations was a major focus at the Greener Shipping Summit 2017 in Athens last week.

**Bellona COP23 event puts electric shipping in the spotlight: the technology is here, what we need now is regulation.** *Bellona Foundation*. 20 November 2017. Available from: <http://www.goo.gl/XcJxSz> "A quiet revolution is taking place" highlighted Bellona at one of its COP23 side events on electrification of maritime transport in Bonn, Germany, last week.

**Preview of upcoming ballast water series from assistant commandant for prevention.** *US Coast Guard Maritime Commons*. 21 November 2017. Available from: <http://mariners.coastguard.dodlive.mil/2017/11/21/11212017-preview-of-upcoming-ballast-water-series-from-assistant-commandant-for-prevention/> Staff from the Coast Guard's Office of Operating and Environmental Standards and the Marine Safety Center attended the 4th Annual Ballast Water Tech North America conference in Miami in September to provide conference goers with the latest Coast Guard information on ballast water management system (BWMS) regulations and compliance.

## SALVAGE

### **Salvage union calls for rethink on firefighting equipment. By Helen Kelly.**

*Lloyd's List*. 15 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1120016/Salvage-union-calls-for-rethink-on-firefighting-equipment> The International Salvage Union has called for a rethink of firefighting equipment on board vessels following a spate of fires on roll-on-roll-off passenger ferries and large containerships.

## SEAFARERS

### **It's time to nip crew abandonment in the bud. By James Wilkes, Gray Page (Consultants).**

*Splash 24/7*. 31 October 2017. Available from: [http://splash247.com/time-nip-crew-](http://splash247.com/time-nip-crew-abandonment-bud/)

[abandonment-bud/](http://splash247.com/time-nip-crew-abandonment-bud/) 'Seafarers abandonment should be called-out for what it is: the flagrant exploitation and neglect of vulnerable people'.

### **Port state control enforcement of MLC can eradicate crew abandonment.**

**By Sam Chambers.** *Splash 24/7*. 2 November 2017. Available from:

<http://splash247.com/port-state-control-enforcement-mlc-can-eradicate-crew-abandonment/>

Australia's firm handling of cases of crew abandonment has been highlighted as a method for other states to follow to eradicate the problem.

### **ISWAN and Trafigura Foundation's new partnership to promote the welfare of seafarers worldwide. International Seafarers' Welfare and Assistance Network (ISWAN).**

1 November 2017. Available from: <http://www.goo.gl/U2gtbG> The Trafigura Foundation awards ISWAN a grant to improve its helpline and support dedicated emergency funds for seafarers experiencing difficult situations at sea.

### **The seafarer of the future. Splash 24/7. 3 November 2017. Available from:**

<http://splash247.com/the-seafarer-of-the-future/> Captain Pradeep Chawla, Chairman of GlobalMET, the Association of Maritime Education and Training Providers, and Managing Director of QHSE and Training, Anglo-Eastern Ship Management, discusses the short and long term implications of autonomous ships

### **Suicidal thoughts – a seafarer's story. BBC News. 2 November 2017. Available from:**

<http://www.bbc.co.uk/news/av/stories-41835120/suicidal-thoughts-a-seafarer-s-story> 

It is estimated that 90% of global trade is carried by ship, but little is known about the lives of the thousands of people who work in shipping and at sea.

### **International Women Seafarers Foundation launched in Mumbai. Indian Express.**

4 November 2017. Available from: <http://indianexpress.com/article/cities/mumbai/international-women-seafarers-foundation-launched-in-mumbai-4921804/> Three veteran seafarers came together on Friday to launch the International Women Seafarers Foundation (IWSF).

### **ITF Seafarers' Trust launches new version of Shore Leave app for seafarers.**

*International Seafarers' Welfare and Assistance Network (ISWAN)*. 3 November 2017.

Available from: [http://seafarerswelfare.org/news-and-media/latest-news/itf-seafarers-trust-](http://seafarerswelfare.org/news-and-media/latest-news/itf-seafarers-trust-launches-new-version-of-shore-leave-app-for-seafarers)

[launches-new-version-of-shore-leave-app-for-seafarers](http://seafarerswelfare.org/news-and-media/latest-news/itf-seafarers-trust-launches-new-version-of-shore-leave-app-for-seafarers) The ITF Seafarers' Trust has launched a new version of its Shore Leave app for seafarers, with features designed to encourage seafarers to visit their local seafarer centres and have more fun using the app.

**Stranded sailors to return home after more than a year.** By Chris Foote. *STV News (Scotland)*. 8 November 2017. Available from: <https://stv.tv/news/north/1401750-stranded-sailors-to-return-home-after-year-long-ordeal/> The *Malaviya Seven* has been sold in a deal which will allow the crew to recoup £670,000 in unpaid wages.

**Shore Leave, Sort Of.** By Eleanor Mortimer. *New York Times*. 7 November 2017. Available from: <https://www.nytimes.com/2017/11/07/opinion/shipping-england-brexit-trade.html>  
 ☞ Not far from where I grew up, on the east coast of the United Kingdom, the town of Felixstowe (population 23,000) sits beside the largest container port in the country.

**Pilot, captain guilty of 'motion illusion' collision.** By Gary Dixon. *TradeWinds*. 10 November 2017. Available from: <http://www.tradewindsnews.com/legal/1381062/pilot-captain-guilty-of-motion-illusion-collision> A captain and pilot have pleaded guilty to causing a serious head-on collision between a car carrier and a ro-ro in the River Humber, UK, in December 2015.

**David Hammond discusses the future of Human Rights at Sea.** By Tanya Blake. *Fairplay*. 10 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4293756/david-hammond-discusses-the-future-of-human-rights-at-sea> Hammond officially founded Human Rights at Sea on 3 April 2014 using his life savings, "which I'll never see back", and has not taken a wage in his role as chief executive, working non-stop, seven days a week, often waking at 3 am.

**City of Rotterdam collision - Yet more seafarers branded as criminals.** By Michael Grey. *Seatrade Maritime News*. 14 November 2017. Available from: <http://www.seatrade-maritime.com/news/europe/city-of-rotterdam-collision-yet-more-seafarers-branded-as-criminals.html> If you have watched pilots operate over any extended period of time, it is difficult not to be impressed by the way they can make a speedy mental adjustment to fit the size and special characteristics of all the ships they may meet in a large port.

**Connecting with the crew of the future.** By Namrata Nadkarni. *Fairplay*. 19 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294106/connecting-with-the-crew-of-the-future> Crew welfare remains an important focus of connectivity at sea and is proving to be a vital factor when it comes to attracting and retaining skilled maritime workers, particularly those from younger generations that are likely to be tech-savvy.


**Budget omission disappointment for UK seafarers.** *Nautilus International*. 22 November 2017. Available from: <https://nautilusint.org/en/what-we-say/nautilus-news/budget-omission-disappointment-for-uk-seafarers/> Nautilus International has warned that the UK could be left dangerously dependent on foreign shipping and workforces after the Chancellor failed to commit to further investment or incentives for training schemes aimed at UK seafarers.

**Meet the Indian captain who lived alone on a ship for a year.** By Sajila Saseendran. *Gulf News*. 22 November 2017. Available from: <http://gulfnews.com/news/uae/society/meet-the-indian-captain-who-lived-alone-on-a-ship-for-a-year-1.2129167> ☞ For a year, he lived all alone in an oil tanker that had no electricity and minimal food and water.

**Autonomous shipping hype ignores the value of the human element.** By Marcus Hand. *Seatrade Maritime News*. 28 November 2017. Available from: <http://www.seatrade-maritime.com/news/asia/autonomous-shipping-hype-ignores-the-value-of-the-human-element.html> The hype around autonomous shipping fails to take into account the value the human being can bring onboard a ship and the real cost of replacing seafarers, argues Anglo-Eastern ceo Bjorn Hojgaard.

**Research project investigates seafarers' welfare in Chinese ports.** *Hellenic Shipping News*. 30 November 2017. Available from: <http://www.hellenicshippingnews.com/research-project-investigates-seafarers-welfare-in-chinese-ports/> How are welfare services in Chinese ports, offered to seafarers from countries around the world (including those from China), organised and operated?

## SEARCH AND RESCUE

**Clarification on the incident of November 6th.** *Sea-Watch*. 7 November 2017. Available from: <https://sea-watch.org/en/clarification-on-the-incident-of-november-6th/>  A rubber boat sent a distress call, to which different units reacted in coordination with the responsible Maritime Rescue Coordination Center in Rome.

**Winners of the H.E.R.O. Awards Announced.** *International Maritime Rescue Federation*. 3 November 2017. Available from: <http://www.imrfero.org/winners-of-the-h-e-r-o-awards-announced> The International Maritime Rescue Federation (IMRF) H.E.R.O. Awards 2017 have been presented to a selection of exceptional individuals and organisations, who have demonstrated outstanding bravery, professional expertise and innovation in the world of maritime search and rescue (SAR).

## SHIPBUILDING AND SHIPREPAIR

**Back from the abyss: South Korea's shipbuilders begin ascent to growth.** **By Henning Gloystein and Jane Chung.** *Reuters*. 2 November 2017. Available from: <http://www.reuters.com/article/us-south-korea-shipping/back-from-the-abyss-south-koreas-shipbuilders-begin-ascent-to-growth-idUSKBN1D207O> Sparks light up the night-shift at giant shipyards on Korea's southeast coast, as welders and fitters at some of the world's biggest marine engineers forge next-generation container ships, oil rigs and even ice-breaking tankers in a bid to clamber out of a global industry abyss.

**Seoul forms committee to probe shipbuilding accidents.** **By Xiaolin Zeng.** *Fairplay*. 6 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4293636/seoul-forms-committee-to-probe-shipbuilding-accidents> South Korea's Ministry of Employment and Labor (MOEL) has formed a committee to investigate the recent fatalities in the country's shipyards.

**What is China's 'magic island-making' ship?** *BBC News*. 6 November 2017. Available from: <http://www.bbc.co.uk/news/world-asia-china-41882081> China has unveiled a new dredging ship capable of creating islands such as those Beijing has already built in the disputed South China Sea.

**CMA CGM is the first shipping company to choose liquefied natural gas for its biggest ships.** *CMA CGM*. 7 November 2017. Available from: <http://www.goo.gl/TYoYGz> On the occasion of the COP23 in Bonn (Germany), the CMA CGM Group, a world leader in maritime transport, is pleased to announce its decision to equip its 9 future ships of 22,000 TEUs (Twenty-foot Equivalent Unit), delivered in 2020, with engines using liquefied natural gas.

**Shiprepair & Maintenance: 4th Quarter 2017.** *Royal Institution of Naval Architects (RINA)*. November 2017. Available from: [https://www.rina.org.uk/Shiprepair\\_Sector\\_China.html](https://www.rina.org.uk/Shiprepair_Sector_China.html) The shipyard sector in China generally is going through a transitional phase, as the government seeks to rationalise the industry and bring capacity more in line with demand.

**Has box shipping reached an LNG landmark? By Linton Nightingale. *Lloyd's List*.**

8 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL112261/Has-box-shipping-reached-an-LNG-landmark> News that CMA CGM has bitten the bullet and gone full steam ahead with plans to equip its 22,000 teu newbuildings with engines burning liquefied natural gas took many by surprise.

**Shipbuilders getting orders on advanced technologies. By Jhoo Dong-chan.**

*Korea Times*. 9 November 2017. Available from:

[http://www.koreatimes.co.kr/www/tech/2017/11/693\\_239049.html](http://www.koreatimes.co.kr/www/tech/2017/11/693_239049.html) The big three shipbuilders have clinched a series of eco-friendly shipbuilding deals, raising expectations the nation's shipyards may have finally hit bottom after suffering years of an "order cliff."

**CMA CGM's mega container ships to use GTT membrane fuel tanks. By Nick Savvides.**

*Fairplay*. 14 November 2017. Available from:

<https://fairplay.ihs.com/technology/article/4293976/cma-cgm%E2%80%99s-mega-container-ships-to-use-gtt-membrane-fuel-tanks> MA CGM's new 22,000 teu vessels will have 18,000 m<sup>3</sup> fuel tanks located beneath the accommodation block with the tanks set across the beam of the vessels, at 50 m in length, 27 m wide, and 30 m high.

**Digital twins in shipping: the open-source approach. By Chris Lo. *Ship-Technology.Com*.**

13 November 2017. Available from:

<http://www.ship-technology.com/features/digital-twins-shipping-open-source-approach/> A powerhouse group of industry and academic partners - DNV GL, Rolls-Royce, NTNU and SINTEF Ocean - is working to develop a new, open-source simulation platform for the design and construction of new ships.

**Fully electric cargo ship launched in Guangzhou. By Qiu Quanlin. *China Daily.Com*.**

14 November 2017. Available from:

[http://www.chinadaily.com.cn/business/2017-11/14/content\\_34511312.htm](http://www.chinadaily.com.cn/business/2017-11/14/content_34511312.htm) The world's first 2,000-metric-ton all-electric cargo ship has been launched in Guangzhou, the capital of Guangdong province.

**ICS criticizes shipbuilding subsidies. By Søren Pico. *ShippingWatch*. 21 November 2017.**

Available from: <http://shippingwatch.com/secure/carriers/article10043373.ece> The shipping industry must be financially sustainable to be able to live up to the impending environmental requirements on CO<sub>2</sub> emissions reductions, stresses ICS, criticizing the subsidies which support the construction of new vessels.

**Shipping Must Be Economically Sustainable If It Is To Deliver On Environmental Sustainability, ICS Tells OECD. *International Chamber of Shipping (ICS)*. 20 November 2017.**

Available from: <http://www.ics-shipping.org/news/press-releases/2017/11/20/shipping-must-be-economically-sustainable-if-it-is-to-deliver-on-environmental-sustainability-ics-tells-oecd>

Addressing government trade negotiators in the OECD Working Party on Shipbuilding, at a workshop on 'green growth' in Paris today, the International Chamber of Shipping (ICS) asserted that the shipping industry could only be environmentally sustainable if it is economically sustainable too

**Analysis of selected measures promoting the construction and operations of greener ships. *Organisation for Economic Co-Operation and Development (OECD)*. 2017.**

Available from: <http://www.oecd.org/industry/ind/analysis-of-measures-promoting-greener-ships.pdf>

The shipbuilding and marine equipment industries are expected to play a large role in mitigating adverse impacts of shipping by focusing their research, development and production activities on the improvement of the environmental performance of ocean-going vessels, and by complying with national and international regulations.

**Wärtsilä will deliver high efficiency and low emissions for new Viking Line ferry.** *Wärtsilä Corporation*. 20 November 2017. Available from: <https://www.wartsila.com/media/news/20-11-2017-wartsila-will-deliver-high-efficiency-and-low-emissions-for-new-viking-line-ferry> The technology group Wärtsilä will supply the engines, the navigation system, and a broad scope of other products and systems for a new luxury and environmentally friendly ferry being built for the Finland based operator, Viking Line.

**Rescued Clyde shipyard Ferguson Marine launches UK's first 'eco-ferry' as tycoon Jim McColl predicts bright future.** By Kirsteen Paterson. *The National (Scotland)*.

22 November 2017. Available from:

[http://www.thenational.scot/news/15675235.Rescued\\_Clyde\\_shipyard\\_on\\_course\\_to\\_be\\_world\\_class](http://www.thenational.scot/news/15675235.Rescued_Clyde_shipyard_on_course_to_be_world_class) Jim McColl spoke out yesterday as the UK's first dual-fuel passenger ferry was launched at Ferguson Marine Engineering Limited (FMEL) yesterday.

**A Perspective on the Chinese Shipbuilding Industry.** By Priyanka Ann Saini. *Sea News*.

22 November 2017. Available from:

<http://seanews.co.uk/a-perspective-on-the-chinese-shipbuilding-industry/> For the revitalisation of China's shipbuilding industry, enterprises not only need to upgrade their shipbuilding infrastructure and combat fierce competition in core technology but also gather financial support in key areas.

**Shipbuilding forum stresses primacy of safety in new vessel designs.** By Nick Savvides.

*Fairplay*. 27 November 2017. Available from:

<https://fairplay.ihs.com/ship-construction/article/4294431/shipbuilding-forum-stresses-primacy-of-safety-in-new-vessel-designs> The latest meeting of the Tripartite Shipbuilding Forum, which was hosted by the China Classification Society in Nantong, China, has taken aim at the Energy Efficiency Design Index (EEDI), with the forum emphasising the need to make safety the major concern over all others.

**Sister ships: a builder's biggest challenge.** By Eva Grey. *Ship-Technology.Com*.

27 November 2017. Available from:

<http://www.ship-technology.com/features/sister-ships-builders-biggest-challenge/> No two ships are identical – and one of the toughest jobs for shipbuilders is to manage the construction of sister ships in an industry where change is the only constant and vessels' design is becoming increasingly complex.

**There's Now a Vessel That Produces Zero Pollution.** By Anna Hirtenstein. *Bloomberg*.

29 November 2017. Available from:

<https://www.bloomberg.com/news/articles/2017-11-29/oceans-get-zero-emission-ship-in-step-toward-cleaner-cargo> Cie. Maritime Belge SA has built the first commercial ship that runs on hydrogen and produces zero pollution, taking the world a step closer to cargo without emissions.

## SHIPPING

**The MAJ Turns 16!** *The Gleaner (Jamaica)*. 31 October 2017. Available from:

<http://jamaica-gleaner.com/article/shipping/20171031/maj-turns-16> The Maritime Authority of Jamaica (MAJ) is celebrating 16 years of service to Jamaica this year! Institutionalised by the Shipping Act of 1998, the MAJ is the implementing body for the conventions of the United Nation's specialised agency for international shipping, the International Maritime Organization (IMO), of which Jamaica is a member state.

**Lower emissions on the high seas.** *Nature*. 31 October 2017. Available from:

<http://www.nature.com/news/lower-emissions-on-the-high-seas-1.22916> Global regulations to limit carbon dioxide from the shipping industry are overdue.

**The day Wärtsilä's billion-dollar market disappeared . By Katrine Grønvald Raun.**

*ShippingWatch*. 31 October 2017. Available from:

<http://shippingwatch.com/suppliers/article9989677.ece> Wärtsilä Chief Executive Jaako Eskola probably remembers the first week of July this year more as the point when a promising billion dollar market disappeared into thin air than for the humid summer heat that had descended across North Europe.

**MPA and Shell Shipping & Maritime Sign MOU to Advance Clean Fuels Technology, Automation and Port Digitalisation.**

*Maritime and Port Authority of Singapore (MPA)*.

31 October 2017. Available from: <http://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/a334a85c-7179-498e-843d-6ed89073a98d> The Maritime and Port Authority of Singapore (MPA) and Shell Eastern Trading (PTE) LTD (Shell) have signed a Memorandum of Understanding (MOU), to cooperate in the research and development and test-bedding of projects within the maritime industry in areas of clean fuel technologies, automation and digitalisation.

**All Clusters on Deck for the ENMC Presidium Transition.**

*European Network of Maritime Clusters (ENMC)*. 30 October 2017. Available from: <http://enmc.eu/news/all-clusters-on-deck-for-the-enmc-presidium-transition> Francis Vallat, originally co-founder and 1st Vice-President of the ENMC (which was created in 2005 in his Paris office) and current Chairman since 2011, decided to resign from his chairmanship on the occasion of the annual meeting which was held in Elsinore, Denmark from October 25th to 26th.

**Trident's Larsson on mission to cut ship emissions. By Namrata Nadkarni.**

*Fairplay*. 1 November 2017. Available from: <https://fairplay.ihs.com/safety-regulation/article/4293516/trident%E2%80%99s-larsson-on-mission-to-cut-ship-emissions>

With 2020 looming, when the International Maritime Organization's (IMO's) 0.5% global sulphur cap comes into force, the discussion of enforcing the emissions limit is heating up.

**New head of ECSA to break away from bad reputation in Brussels. By Niklas Krigslund.**

*ShippingWatch*. 1 November 2017. Available from:

<http://shippingwatch.com/secure/carriers/article9993347.ece> Shipping has a bad rap as a polluting industry resistant to environmental regulation.

**Shipping Must Act Sooner Rather Than Later to Mitigate Climate Risks and Seize the Opportunity of Decarbonisation. By Maurice Meehan, Director, Global Shipping Operations, Carbon War Room.**

*Ship & Bunker*. 3 November 2017. Available from: <http://www.goo.gl/oo52UD> We would hope that it is this entrepreneurial spirit is one that IMO and its working group will draw inspiration from in developing plans for emissions reduction and to set clear and ambitious targets and aligned with the 2-degree pathways required.

**WWEA and International Windship Association unite to promote uptake of wind technology in shipping.**

*World Wind Energy Association (WWEA)*. 2 November 2017.

Available from: <http://www.wwindea.org/wwea-and-international-windship-association-unite-to-promote-uptake-of-wind-technology-in-shipping/> The World Wind Energy Association (WWEA) has today announced a key strategic partnership with the International Windship Association (IWSA) in order to further promote the uptake of wind technology by the global shipping fleet.

**China Grows Belt and Road Business.**


*Maritime Executive*. 2 November 2017.

Available from: <https://www.maritime-executive.com/article/china-grows-belt-and-road-business> Trade between China and countries along the Belt and Road reached a value of \$786 billion in the first three quarters of this year, up 15 percent on the same period last year.

### **ClassNK releases updates to Good Maintenance Onboard Ships .**

*ClassNK*. 1 November 2017. Available from:

[https://www.classnk.or.jp/hp/en/hp\\_news.aspx?id=2500&type=press\\_release&layout=1](https://www.classnk.or.jp/hp/en/hp_news.aspx?id=2500&type=press_release&layout=1)

Leading classification society ClassNK has just released the latest version of Good Maintenance Onboard Ships (October, 2017). [Good Maintenance on Board Ships](#) 

### **ICS calls for ban on fuels ahead of sulphur cap. By Anastassios Adamopoulos.**

*Lloyd's List*. 2 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL112148/ICS-calls-for-ban-on-fuels-ahead-of-sulphur-cap>

The International Chamber of Shipping has called for a ban on the bunker tank carriage of all fuels that do not comply with the incoming 2020 fuel 0.5% sulphur cap, a few months before global regulators begin work on a successful implementation plan.

### **Is shipping a climate friend or foe? By Maria Bruun Skipper, Director, Danish Shipping.**

*Splash 24/7*. 6 November 2017. Available from: <http://splash247.com/shipping-climate-friend-foe/> Various stakeholders often criticise the shipping industry for being the foot-draggers when it comes to regulation which requires reduction of CO2 emissions.

### **Flag states and crew abandonment. By Scott Bergeron, CEO, Liberian Registry. *Splash***

*24/7*. 6 November 2017. Available from: <http://splash247.com/flag-states-crew-abandonment/> "Violations of MLC 2006 do occur", he warns, "and as long as they do, they damage everyone in our industry".

### **Women and children first: How an elusive maritime custom evolved - and waned.**

**By Sue Bailey.** *National Post (Canada)*. 5 November 2017. Available from:

<http://nationalpost.com/pm/news-pmn/canada-news-pmn/women-and-children-first-how-an-elusive-maritime-custom-evolved-and-waned>

There were outraged headlines around the world when about 80 women and children were left to die in the freezing North Atlantic off Newfoundland as crew members raced to save themselves.

### **More Efficient Ships? Technology, Not Witchcraft! By Calum Kennedy.**

*Clarksons Shipping Intelligence Network*. 3 November 2017. Available from:

<https://sin.clarksons.net/features/details/49844> Just prior to Halloween, the UN announced that levels of CO2 in the atmosphere reached new record levels of 403 ppm in 2016.

### **Sea Blind: Arctic shipping debate on celluloid. *Splash 24/7*. 7 November 2017.**

Available from: <http://splash247.com/sea-blind-arctic-shipping-debate-celluloid/> 

A documentary movie *Sea Blind - The price of Shipping our Stuff*, will premier tomorrow during this week's UN Climate Change Conference, COP23, in Bonn.

### **UN Climate Conference – ICS has Vision for Zero Carbon Shipping Future. *International***

*Chamber of Shipping (ICS)* . 6 November 2017. Available from: <http://www.goo.gl/yjsBvv>

The International Chamber of Shipping (ICS) is representing the world's national shipowners' associations and over 80 percent of the world merchant fleet at the United Nations Climate Change Conference (COP 23) in Bonn this week.

### **Sustainable shipping and environment of the Baltic Sea – results by BONUS SHEBA project. *European Commission*. 6 November 2017. Available from:**

[http://cordis.europa.eu/news/rcn/141855\\_en.html](http://cordis.europa.eu/news/rcn/141855_en.html) BONUS SHEBA has resulted into significant new information related to the recent development of shipping scenarios and impacts of shipping in the Baltic Sea.



**Shipping unlikely to see widely accessible alternative fuels for 20-30 years.**

**By Wei Zhe Tan.** *Lloyd's List*. 7 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL112215/Shipping-unlikely-to-see-widely-accessible-alternative-fuels-for-2030-years> New alternative fuels are unlikely to be widely available to the global fleet for at least another 20-30 years to assist efforts to bring emissions levels down to zero, because shipping is already the most low-carbon form of commercial transportation, according to the International Chamber of Shipping.

**ICS lashes out at 'unrealistic' Marshall Islands emission cut proposals.**

**By Sam Chambers.** *Splash 24/7*. 8 November 2017. Available from: <http://splash247.com/ics-lashes-unrealistic-marshall-islands-emission-cut-proposals/>

The huge divergence on shipping CO2 emission promises spilled out onto social media this morning as the chief lobbyist for shipowners lashes out at one of the nations seeking the greatest and quickest emission targets.

**Banks explore challenges decarbonisation poses to ship finance.**

*American Journal of Transportation (AJOT)*. 8 November 2017. Available from:

<https://www.ajot.com/news/banks-explore-challenges-decarbonisation-poses-to-ship-finance>

At a Global Maritime Forum roundtable in London yesterday, the Carbon Pricing Leadership Coalition and global NGO Carbon War Room, worked with shipping leads from major global financial institutions to explore the challenges of decarbonisation for ship financing.

**Preparing shipping banks for climate change: How can internal carbon pricing help ship-financing banks in risk management?** *Carbon Pricing Leadership Coalition (CPLC)*.

November 2017. Available from: <http://www.goo.gl/BFAe73>  It is difficult to overstate the economic importance of maritime shipping.

**The world's largest 'megaship' has just arrived in Southampton - and it's really, really big.**

**By Andrew Ross.** *Southern Daily Echo (UK)*. 8 November 2017. Available from:

<http://www.goo.gl/1SRMhy> The 399m long *Milan Maersk* arrived at DP World's container terminal this afternoon.

**Statement by the Republic of the Marshall Islands Subsidiary Body for Scientific and Technological Advice UNFCCC COP23.** *Hellenic Shipping News*. 10 November 2017.

Available from: <http://www.hellenicshippingnews.com/statement-by-the-republic-of-the-marshall-islands-subsidiary-body-for-scientific-and-technological-advice-unfccc-cop23/>

The Marshall Islands speaks as one of the most climate vulnerable nations on Earth, and also as the world's second largest shipping registry.

**'We will not compromise on our survival': Marshall Islands responds to ICS criticism.**

**By Sam Chambers.** *Splash 24/7*. 10 November 2017. Available from:

<http://splash247.com/will-not-compromise-survival-marshall-islands-responds-ics-criticism/>

The Republic of the Marshall Islands has hit back at claims it is being both inflexible and unrealistic in its stance on shipping's greenhouse gas emissions.

**Digital Transport Days in Tallinn raise high expectations from the industry.** *FEPOR* (*Federation of European Private Port Operators and Terminals*). 9 November 2017.

Available from: <https://www.feport.eu/2014-11-18-12-05-27/news/news/335-press-release-digital-transport-days-in-tallinn-raise-high-expectations-from-the-industry>

Last July, on the occasion of the start of the Estonian presidency, FEPOR expressed its support to the below mentioned four priorities of the Presidency considering that they constitute a consistent strategy for Europe.

**Why shipping must show more ambition to tackle climate change. By John Kornerup Bang, Chief Advisor on Climate Change.** *Maersk*. 13 November 2017. Available from:

<https://maersk.com/stories/why-shipping-must-show-more-ambition-to-tackle-climate-change>

As world leaders talk climate change solutions at COP23 in Bonn, the maritime industry edges closer to determining shipping's fair share of reducing carbon emissions.

**Top 30 container lines: European and Asian carriers square up to each other.**

**By Janet Porter.** *Lloyd's List*. 13 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL112278/Top-30-container-lines-European-and-Asian-carriers-square-up-to-each-other>

The number of truly global container lines continues to shrink, with some familiar names missing from the latest rankings.

**A world in transformation: World Energy Outlook 2017.** *International Energy Agency (IEA)*.

14 November 2017. Available from: <https://www.iea.org/newsroom/news/2017/november/a-world-in-transformation-world-energy-outlook-2017.html>

The resurgence in oil and gas production from the United States, deep declines in the cost of renewables and growing electrification are changing the face of the global energy system and upending traditional ways of meeting energy demand, according to the World Energy Outlook 2017.

[Executive Summary](#) 

**Germany supports the Marshall Islands in development of low-emission shipping.**

*Government of Germany*. 13 November 2017. Available from:

<https://www.bmub.bund.de/en/pressrelease/deutschland-unterstuetzt-marshall-islands-bei-der-entwicklung-von-emissionsarmer-seeschiffahrt/>

The German Environment Minister Barbara Hendricks, the Marshalllese Minister of Foreign Affairs John Silk and Environment Minister David Paul announced the project on the margins of the Climate Change Conference in Bonn.

**ICS Encouraged by EU's Provisional Decision to Leave Shipping Out of ETS.** *Ship & Bunker*.

13 November 2017. Available from: <https://shipandbunker.com/news/world/732047-ics-encouraged-by-eus-provisional-decision-to-leave-shipping-out-of-ets>

International Chamber of Shipping (ICS) Director of Policy, Simon Bennett, speaking at the United Nations (UN) COP 23 in Bonn, said the provisional decision by the European Union (EU) not to include shipping within the full scope of the regional EU Emissions Trading System (ETS) demonstrates confidence in the International Maritime Organization (IMO) to take appropriate action to deliver CO2 reduction measures within the shipping Industry.

**The global sulphur-limit clock is ticking as shipowners mull their options.**

**By Mike Wackett.** *The Loadstar*. 13 November 2017. Available from:

<https://theloadstar.co.uk/global-sulphur-limit-clock-ticking-shipowners-mull-options/>

Shipowners must take decisions on their fuel strategy in the light of new International Maritime Organization (IMO) regulations.

**Owning the future. By Diane Gilpin, Smart Green Shipping Alliance.** *Splash 24/7*.

15 November 2017. Available from: <http://splash247.com/owning-the-future/>

Diane Gilpin reports from Monday's Ambition 1.5°C: Global Shipping's Action Plan - an event on the sidelines of COP23 in Bonn.

**Decarbonisation Talks an Opportunity to Accelerate "Maritime Energy Transition," says MAN CEO.** *Ship & Bunker*. 14 November 2017. Available from:

<https://shipandbunker.com/news/world/745727-decarbonisation-talks-an-opportunity-to-accelerate-maritime-energy-transition-says-man-ceo>

Dr. Uwe Lauber, CEP of MAN Diesel & Turbo SE (MAN), says a shipping industry summit on decarbonisation held as part of the 23rd session of the UN's Climate Change Conference (COP 23) meeting in Bonn this week was an opportunity to accelerate the "Maritime Energy Transition."

**ICS hits at the EU's latest MRV amendment take. By Anastassios Adamopoulos.**

*Lloyd's List*. 14 November 2017. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL112347/ICS-hits-at-the-EUs-latest-MRV-amendment-take> Shipping body unhappy with questionnaire and the Commission's interpretation of full alignment with IMO emissions reporting system.

**The revolution will be digitised. By Maurice Meehan, Director, Shipping Operations, Carbon War Room.**

*Splash 24/7*. 16 November 2017. Available from:

<http://splash247.com/revolution-will-digitised/> With the recent meeting of the IMO working group on GHG emissions, news out of COP23, and with GST North America coming up, the issue of shipping's decarbonisation pathway is one of intense discussion right now.

**Ambition 1.5°C: Global Shipping's Action Plan Summit – Moving Shipping to Cleaner Technology.**

*MAN Diesel & Turbo*. 16 November 2017. Available from:

<https://www.youtube.com/watch?v=UOCnlkUyLqE> The 'Ambition 1.5°C: Global Shipping's Action Plan' summit took place on November 13th in Bonn, Germany.

**International shipping industry takes significant action on decarbonization at UNFCCC COP23.**

*Ambition 1.5°C Global Shipping's Action Plan*. 15 November 2017. Available from:

<http://www.goo.gl/K1ph7Y>

A group of international shipping industry leaders have joined forces to drive the decarbonization agenda with a business-focused approach that pushes ahead of regulatory mechanisms at the 23rd session of the Conference of the Parties (COP 23) to the UN Convention on Climate Change (UNFCCC).

**How The Shipping Industry Bullied Its Way Out Of Doing Anything To Fight Climate Change. By Alexander C. Kaufman.**

*Huffington Post (UK)*. 15 November 2017.

Available from: [http://www.huffingtonpost.co.uk/entry/shipping-industry-emissions\\_us\\_5a0b69a0e4b0b17f9ce0feaa](http://www.huffingtonpost.co.uk/entry/shipping-industry-emissions_us_5a0b69a0e4b0b17f9ce0feaa)

Even as emissions from cargo vessels are surging, the industry is refusing to adhere to the Paris Agreement.

**Marshall Islands president says shipping registry supports climate action.**

**By Megan Darby.** *Climate Home*. 16 November 2017. Available from:

<http://www.climatechangenews.com/2017/11/16/marshall-islands-president-says-shipping-registry-supports-climate-action/>

The world's second largest shipping registry backs its flag state's calls for ambitious carbon cuts across the industry, the president of the Marshall Islands said on Thursday.

**Bonn buoys shipping over CO2 emissions but Paris goals loom. By Adam Corbett.**

*TradeWinds*. 16 November 2017. Available from:

<http://www.tradewindsnews.com/casualties/1380643/bonn-buoys-shipping-over-co2-emissions-but-paris-goals-loom>

Shipping has got off to a flying start on reducing emissions compared with aviation, says the ICS' Simon Bennett, but it must now focus on meeting its commitments under the Paris Agreement.

**ESPO welcomes the agreement between Parliament and Council setting a dealing for global solution on CO2 from shipping.**

*European Sea Ports Organisation (ESPO)*.

16 November 2017. Available from: <https://www.espo.be/news/espo-welcomes-the-agreement-between-parliament-and>

Last week, the European Parliament and the Council reached an agreement with regard to the CO2 emissions from shipping and agreed to align any EU action with the IMO timeline.

**Managing the New Panamax Containerships. By Barry Parker, bdp 1 Consulting Ltd.**

*Maritime Logistics Professional*. 16 November 2017. Available from:

<https://www.maritimeprofessional.com/news/managing-panamax-containerships-311296>

The recent dialogue on container shipping has been all about so-called "mega-ships;" those vessels that with larger capacity than those that are already in service at any point in time.

**Venice's battle against cruise ships. Deutsche Welle (Germany).** 16 November 2017.

Available from: <http://www.dw.com/en/venices-battle-against-cruise-ships/av-41361386> 

The huge cruise ships that dock in Venice threaten the city's delicate cultural heritage.

**The Maritime Industry – Encouraging and Accepting Women . By Priyanka Ann Saini.**

*Sea News*. 17 November 2017. Available from: <http://seanews.co.uk/the-maritime-industry-encouraging-and-accepting-women/>

Shipping has long been a very male-centric and male-dominant industry.

**UK Ship Register up by 12% since 2015, still favoured by UK owners. UK Chamber of**

*Shipping*. 17 November 2017. Available from: <https://www.ukchamberofshipping.com/latest/uk-ship-register-12-2015-still-favoured-uk-owners/>

Data shows the UK flag continues to be a preferred choice for compatriot shipowners - but there is always room for improvement.

**DNV GL: Standardisation can help enable the digital transformation of shipping. By Nikos Späth. DNV GL.** 17 November 2017. Available from: <https://www.dnvgl.com/news/dnv-gl-standardisation-can-help-enable-the-digital-transformation-of-shipping-104267>

Classification society DNV GL has released a new position paper setting out the importance of standardisation in enabling the growth of digital applications in the maritime industry.

**Ship operating costs rise. By Sam Chambers. Splash 24/7.** 20 November 2017.

Available from: <http://splash247.com/ship-operating-costs-rise/> The cost of operating cargo ships rose marginally in 2017 following two consecutive years of falls, but shipowners should prepare for higher costs led by a spike in insurance premiums, according to the latest Ship Operating Costs Annual Review and Forecast 2017/18 report published by Consultants Drewry.

**Stopford predicts supply/demand equilibrium by 2021. By Sam Chambers. Splash 24/7.**

22 November 2017. Available from: <http://splash247.com/stopford-predicts-supplydemand-equilibrium-2021/> It'll take through to 2021 before the supply/demand equilibrium becomes favourable for shipping, the world's most famous shipping analyst, Clarkson's Dr Martin Stopford told the Maritime CEO Forum in Hong Kong.

**World Class Center of Excellence in Maritime and Ship Building to come up in Mumbai and Vishakhapatnam. Government of India.** 21 November 2017. Available from:

<http://pib.nic.in/newsite/PrintRelease.aspx?relid=173704> A world class Center of Excellence in Maritime and Ship Building (CEMS) is being set up by Ministry of Shipping in collaboration with Siemens and Indian Register of Shipping (IRS) under the Ministry's flagship Sagarmala Programme.

**Smart shipping starts with small steps, says Martin Stopford. By Julian Bray.**

*TradeWinds*. 21 November 2017. Available from:

<http://www.tradewindsnews.com/finance/1386222/smart-shipping-starts-with-small-steps-says-martin-stopford>

Shipowners should embark on the journey into the new world of digitalised smart shipping with small and simple steps rather than wasting time and money on seeking potentially fruitless revolutionary business change, a leading industry figure has advised.

**France to push LNG as shipping fuel - PM. By Jean-Baptiste Vey. Reuters.**

21 November 2017. Available from: <https://www.reuters.com/article/france-shipping-lng/france-to-push-lng-as-shipping-fuel-pm-idUSL8N1NR4PQ> France will support the uptake of liquefied natural gas (LNG) as a cleaner fuel for ships by encouraging ports to develop the necessary infrastructure, its prime minister said on Tuesday.

**Sergey Kukushkin: Large shipping companies come to the NSR . By Nadezhda Malysheva. Port News. 22 November 2017. Available from:**

<http://portnews.ru/comments/2421/> Considerable growth of cargo shipping in the Arctic has been driven this year by the Northern Sea Route, where new routes for the export of Russian hydrocarbons begin.

**European Shipowners welcome the agreement reached on CO2 Emissions Trading System. European Community Shipowners' Associations (ECSA). 22 November 2017.**

Available from: <http://www.ecsa.eu/news/european-shipowners-welcome-agreement-reached-co2-emissions-trading-system> Intensive negotiations came to an end two weeks ago when the European Parliament, the Council of Ministers and the European Commission reached a provisional agreement on the reform of the emissions trading system, which today was approved by the Member States.

**"The shipping industry could be entirely reshaped within the next five to ten years".**

**By Daniel Logan Berg-Munch. ShippingWatch. 24 November 2017. Available from:** <http://shippingwatch.com/carriers/article10055436.ece> Carriers have discovered the risk of reduced demand going forward, chief analyst Christopher Rex tells ShippingWatch.

**Adoption of LNG as a marine fuel slower than anticipated, says DNV GL. By Wei Zhe Tan.**

*Lloyd's List*. 24 November 2017. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120181/Adoption-of-LNG-as-a-marine-fuel-slower-than-anticipated-says-DNV-GL> The adoption of liquefied natural gas as a more environmentally sustainable alternative to fuel oil in powering vessels has taken longer than expected to take root amid a low crude oil price environment and lagging development in the required bunkering facilities.

**Tripartite Shipbuilding Forum agrees on major industry goals. By BIMCO, ICS, INTERTANKO, OCIMF, IACS, ASEF, and SeaEurope. Hellenic Shipping News.**

27 November 2017. Available from: <http://www.hellenicshippingnews.com/tripartite-shipbuilding-forum-agrees-on-major-industry-goals/> Carbon emissions, safety and cyber security were at the top of the agenda at the annual Tripartite Shipbuilding Forum which attracted more than 100 delegates.

**Panama and China sign accord on maritime transport. By Michele Labrut.**

*Seatrade Maritime News*. 27 November 2017. Available from: <http://www.seatrade-maritime.com/news/americas/panama-and-china-sign-accord-on-maritime-transport.html> The agreement was signed in presence of China's president Xi Jinping and Panama's president Juan Carlos Varela during the first Panamanian official visit to China, after having established diplomatic relations between the two countries last June.

**Taking Shipping to the Next Level. By Eromosele Abiodun. This Day (Nigeria).**

24 November 2017. Available from: <https://www.thisdaylive.com/index.php/2017/11/24/taking-shipping-to-the-next-level/> Eromosele Abiodun posits that to fully harness the potential in the shipping industry, it is vital to strengthen the portfolio of the channel management companies because of their strategic importance as backbones of Nigeria's maritime assets.

**Caucus seeks to integrate African land linked countries into maritime transport.** *African Cargo News*. 24 November 2017. Available from: <http://www.africancargonews.com/?p=8096> Experts in port management, policy makers and financiers from across Africa are exploring how to reshape policy and harness the benefits that accrue from maximizing the comparative advantages of land linked countries.

**Deputy Minister for Transport assures improved business climate in Shipping, Marine industry.** *GhanaWeb*. 27 November 2017. Available from: <https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Deputy-Minister-for-Transport-assures-improved-business-climate-in-Shipping-Marine-industry-604275> Mediterranean Shipping Company (MSC) which is a world leader in global container shipping and offering global service with local knowledge has marked its 10th anniversary.

**N. Korea gives no advance notice of ICBM test: ICAO.** *Yonhap News Agency (South Korea)*. 29 November 2017. Available from: <http://english.yonhapnews.co.kr/news/2017/11/29/0200000000AEN20171129006500315.html> North Korea gave no prior notice to the international aviation body in testing what appeared to be its third intercontinental ballistic missile (ICBM) in the wee hours of Wednesday, neglecting its obligation to do so for the safety of international civil aviation in the region, a U.S. broadcaster reported.

**North Korea launches 'highest ever' ballistic missile.** *BBC News*. 29 November 2017. Available from: <http://www.bbc.co.uk/news/world-asia-42160227> North Korea has fired its highest-ever intercontinental ballistic missile and poses a worldwide threat, US Secretary of Defence James Mattis has said.

**#Me too and shipping.** By **Brigit Marie Liodden, Director, Nor-Shipping.** *Splash 24/7*. 28 November 2017. Available from: <http://splash247.com/metoo-and-shipping/> Brigit Marie Liodden, discusses sexual harassment in our industry in this extremely frank and important article for Splash.

**Bunker suppliers must prepare for the death of fossil fuels in shipping.** *International Chamber of Shipping (ICS)*. 30 November 2017. Available from: <http://www.ics-shipping.org/news/press-releases/view-article/2017/11/30/bunker-suppliers-must-prepare-for-the-death-of-fossil-fuels-in-shipping> Marine bunker suppliers should anticipate that there may no longer be significant demand for fossil fuels from shipping within as little as 25 years, if not sooner, and that the sector is now on an inevitable trajectory towards a future of zero CO2 emissions.

**Shipping has huge gender pay gap, survey reveals.** By **Julian Bray.** *TradeWinds*. 30 November 2017. Available from: <http://www.tradewindsnews.com/finance/1391416/shipping-has-huge-gender-pay-gap-survey-reveals> Men are paid significantly more than their female colleagues in maritime companies in the UK, a new study has revealed.

**Cosco takes biggest container line title from Maersk after a bumper Q3.** By **Mike Wackett.** *The Loadstar*. 29 November 2017. Available from: <https://theloadstar.co.uk/cosco-takes-biggest-container-line-title-maersk-bumper-q3/> A 23% increase in containers lifted allowed Cosco to steal the top spot from Maersk Line in the third quarter.

**China's Belt and Road Initiative impacting project cargo risk profile. By Vincent Wee.**

*Seatrade Maritime News*. 29 November 2017. Available from: <http://www.seatrade-maritime.com/news/asia/china-s-belt-and-road-initiative-impacting-project-cargo-risk-profile.html>

The size of project cargo risk and its changing profile as more Belt and Road Initiative (BRI) projects start to kick in is causing the need for different types of surveyors from the traditional marine warranty surveyors that are routinely used for loading operations.

**Indonesia, Denmark improve cooperation in maritime and energy fields.**

*Antara News (Indonesia)*. 29 November 2017. Available from:

<https://en.antaranews.com/news/113599/indonesia-denmark-improve-cooperation-in-maritime-and-energy-fields> The governments of Indonesia and Denmark will improve cooperation in the fields of maritime and energy.

**Outlook 2018: Prologue of a new era. By Richard Clayton. *Lloyd's List*. 29 November 2017.**

Available from: <http://www.goo.gl/w6L4ay> As shipping enters 2018, and prepares to mark a dismal decade, there is evidence aplenty that 'the new normal' will be significantly different in character and aspiration.


## RESEARCH

**Do eco-rating schemes improve the environmental performance of ships? By R. T.**

**Poulsen, R. R. Hermann et al. *Marine Policy*. (2017). Available from:**

<http://www.sciencedirect.com/science/article/pii/S0308597X17304475> This paper examines if eco-rating schemes improve environmental outcomes in the context of the international shipping industry.

**EMSA Study of two hazardous substances (PFOS and HBCDD) included in the annexes of regulation (EU) 1257/2013 on ship recycling. *European Maritime Safety Agency (EMSA)*.**

20 November 2017. Available from: <http://www.goo.gl/rTpVpM> The hazardous substances study developed in close cooperation with DNV-GL to close knowledge gaps regarding properties and use of PFOS and HBCDD. [Study](#) 

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#### **About the cover**

The CAB Cover is a photograph of the international memorial to the world's seafarers, past, present and future which graces the entrance to IMO Headquarters in London. The memorial, a seven-metre high, ten-tonne bronze representation of the bow of a cargo ship with a lone seafarer on the deck, is the work of internationally renowned British sculptor Michael Sandle.