



INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

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www.imo.org

[Maritime Knowledge Centre \(MKC\)](#)

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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 key subjects and themes related to the work of IMO. Each CAB issue presents headlines from the previous month. For copyright reasons, the *Current Awareness Bulletin (CAB)* contains brief excerpts only. Links to the complete articles or abstracts on publishers' sites are included, although access may require payment or subscription.

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

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IMO NEWS & EVENTS

WHAT'S NEW

Marine Environment Protection Committee (MEPC) 73rd session, 22-26 October 2018

Secretary-General's Opening Address

Meeting summary ...

Next steps to deliver IMO GHG strategy

The work to deliver the IMO initial strategy on reducing greenhouse gas emissions from ships has moved forward with the approval of a programme of follow-up actions.

[Briefing: 18, October 22, 2018](#)

Implementation of sulphur 2020 limit - carriage ban adopted

An amendment to support consistent implementation of the forthcoming 0.50% limit on sulphur in ships fuel oil was adopted by the International Maritime Organization (IMO) on Friday (26 October), during the current session of the MEPC.

[Briefing: 19, October 26, 2018](#)

IMO MEETINGS FOR 2018

LATEST PRESS BRIEFINGS

[Addressing marine plastic litter from ships – action plan adopted](#)

Briefing: 20, October 30, 2018

[Tackling maritime emissions - IMO rolls out ship and port toolkits](#)

Briefing: 17, October 18, 2018

[Day of the Seafarer photo competition – winners announced!](#)

Briefing: 16, October 4, 2018

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Intersessional Working Group on Reduction of GHG Emissions from Ships, 4th meeting
15 – 19 October 2018 ([Opening](#) Remarks)

IMO NEWS MAGAZINE ([Autumn 2018](#))


IMO PUBLISHING

[Just Published 2018](#)

[October 2018 Newsletter](#)

UNITED NATIONS

UNCTAD Review of Maritime Transport 2018: 50th Anniversary Edition: 1968-2018.

United Nations Conference on Trade and Development (UNCTAD). October 2018. Available from: <https://unctad.org/en/pages/PublicationWebflyer.aspx?publicationid=2245>
[Review of Maritime Transport 2018](#)  [Press Releases](#)

President of Seychelles reminds UN General Assembly of needs of small island states.

By Betymie Bonnelame. *Seychelles News Agency*. 26 September 2018. Available from: <http://www.seychellesnewsagency.com/articles/9798> The President of Seychelles, Danny Faure, called for a new economic model that takes the specific needs of small island states into consideration in his address at the United Nations General Assembly in New York, State House said on Tuesday.


Global warming report, an 'ear-splitting wake-up call' warns UN chief. *UN News*.

7 October 2018. Available from: <https://news.un.org/en/story/2018/10/1022492> The IPCC, or Intergovernmental Panel on Climate Change (IPCC), issued the report from Incheon, Republic of Korea, where for the past week, hundreds of scientists and government representatives have been poring over thousands of inputs to paint a picture of what could happen to the planet and its population with global warming of 1.5°C (or 2.7 degrees Fahrenheit).


'Most important years in history': major UN report sounds last-minute climate alarm.

By Karl Mathiesen and Natalie Sauer. *Climate Home News*. 8 October 2018. Available from: <http://www.climatechangenews.com/2018/10/08/important-years-history-major-un-report-sounds-last-minute-climate-alarm/> In a major report released on Monday, the UN's climate science body found limiting warming to 1.5C, compared to 2C, would spare a vast sweep of people and life on earth from devastating impacts.

'Never give up': UN chief urges all who serve, marking UN Day. *UN News*. 24 October 2018.

Available from: <https://news.un.org/en/story/2018/10/1023862>  In a video released in advance of UN Day, Mr. Guterres said that, despite the odds and obstacles, and growing inequality "we don't give up because we know by reducing inequality we increase hope and opportunity and peace around the world."

More than nine in ten children exposed to deadly air pollution. *UN News*. 29 October 2018.

Available from: <https://news.un.org/en/story/2018/10/1024342>  In a call for concrete policy pledges from governments across the world to tackle the problem, the UN health agency reports that more than nine in 10 youngsters breathe air that is so polluted, "it puts their health and development at serious risk".

CASUALTIES

Remembering *El Faro*. By John Nadeau. *US Coast Guard Maritime Commons*. 1 October 2018. Available from: <http://mariners.coastguard.dodlive.mil/2018/10/01/10-1-2018-remembering-el-faro/> Today, we mark the somber anniversary of the sinking of the SS *El Faro* and the loss of the 33 men and women on board on October 1, 2015.

MAIB safety digest 2/2018 published. *UK Marine Accident Investigation Branch (MAIB)*. 1 October 2018. Available from: <https://www.gov.uk/government/news/maib-safety-digest-22018-published> A collection of lessons learned from marine accidents.

Ferry stranded in Baltic Sea with 300 passengers on board reaches port. By Danny Boyle. *The Telegraph*. 2 October 2018. Available from: <https://www.telegraph.co.uk/news/2018/10/02/ferry-300-passengersstranded-baltic-sea-engine-room-explosion/> A ferry stranded in the Baltic Sea for about six hours with an estimated 300 people on board safely reached its destination Tuesday night, the Lithuanian port of Klaipeda, port authorities said.

Cargo ship disabled off Bermuda. *Maritime Executive*. 2 October 2018. Available from: <https://maritime-executive.com/article/cargo-ship-disabled-off-bermuda> The 250-foot Tanzanian-flagged general cargo ship, *Alfa*, has broken down with 10 people onboard while transiting from Greece to Haiti.

Engineer grateful to be alive after tsunami beaches his 500-tonne ship. By Kanupriya Kapoor. *Reuters*. 4 October 2018. Available from: <https://www.reuters.com/article/us-indonesia-quake-ship/engineer-grateful-to-be-alive-after-tsunami-beaches-his-500-tonne-ship-idUSKCN1ME1LA> Ship's engineer Charles Marlan had the unsettling sensation his vessel was being sucked out to sea, the telltale sign of an imminent tsunami, just minutes after a major earthquake struck the Indonesian island of Sulawesi on Friday.

Fight to contain big spill in the Med. By Nicola Capuzzo. *Splash 247.com*. 8 October 2018. Available from: <https://splash247.com/fight-to-contain-big-spill-in-the-med/> Italian and French experts are on the scene in the Mediterranean fighting a major oil spill.

Fuel leak under control after boxship hit by ro-pax. By Gary Dixon. *TradeWinds*. 8 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1600712/fuel-leak-under-control-after-boxship-hit-by-ro-pax> Fuel has leaked after a collision off Corsica between a Cyprus Sea Lines (CSL) boxship and a Cotunav ro-pax.

France and Italy tackle Mediterranean oil slick. By Andrew Spurrier. *Fairplay*. 8 October 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4307241/france-and-italy-tackle-mediterranean-oil-slick> French and Italian anti-pollution vessels have gone into action off the Mediterranean island of Corsica after a collision between two vessels on 7 October caused a serious oil spill.

Never to be forgotten: memorial for the *Derbyshire* bulk carrier. *Nautilus International*. 8 October 2018. Available from: <https://www.nautilusint.org/en/news-insight/telegraph/never-to-be-forgotten-derbyshire-memorial/> A permanent memorial to the 44 people who died when the UK-flagged bulk carrier *Derbyshire* sank in the South China Sea in 1980 has been unveiled at Our Lady and St Nicholas Church in Liverpool.

Hong Kong-flagged tanker disabled by fire. By Michael Grinter. *Hong Kong Maritime Hub*. 9 October 2018. Available from: <http://www.hongkongmaritimehub.com/hong-kong-flagged-tanker-disabled-by-fire/> The Hong Kong-flagged tanker *Feng Huang AO* with 21 crew onboard was disabled 57 miles southeast of Nantucket Island in the eastern United States after fire broke out in its engine room while the vessel was underway on 5 October.

Fears grow oil will wash ashore from Med collision. By Nicola Capuzzo. *Splash 247.com.* 9 October 2018. Available from: <https://splash247.com/fears-grow-oil-will-wash-ashore-from-med-collision/> French and Italian authorities have worked hard to contain a big spill in the Mediterranean, however the oil is spreading fast and is likely to wash ashore.

Salvors struggle to separate Med collision ships. By Andrew Spurrier. *Fairplay.* 9 October 2018. Available from: <https://fairplay.ihs.com/environment/article/4307276/salvors-struggle-to-separate-med-collision-ships> French authorities on 9 October warned that efforts to separate two vessels locked together in the Mediterranean after a collision could take several days.

EMSA pollution response measures mobilised following collision in the Mediterranean. *European Maritime Safety Agency (EMSA).* 10 October 2018. Available from: <http://www.emsa.europa.eu/news-a-press-centre/external-news/item/3377> EMSA is assisting French and Italian authorities as they engage in clean-up operations following a collision between Tunisian ro-ro vessel *Ulysse* and Cypriot general cargo ship *CSL Virginia* in the Mediterranean, some 28 km north of Corsica, on 7 October. [Press Release](#) 



Lessons learned: Language attributed to ship grounding. *Safety4Sea.* 11 October 2018. Available from: <https://safety4sea.com/language-attributed-to-another-ship-grounding/> In its Monthly Safety Scenario for October, the Swedish P&I Club presents a case of ship grounding, discussing what can happen when someone communicates in a language that is not understood by everybody onboard.

Turkish cargo ship sinks in Black Sea, crew saved. By Harry Papachristou. *TradeWinds.* 15 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1606830/turkish-cargo-ship-sinks-in-black-sea-crew-saved> A Turkish cargoship sank in the Black Sea over the weekend but its crew was safely evacuated and brought to Novorossiysk by a Greek tanker sailing in the area.

Two critical after Gadani tanker fire. By Gary Dixon. *TradeWinds.* 15 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1606748/two-critical-after-gadani-tanker-fire> Seven workers have suffered burns after a fire on a tanker at a Gadani breakers yard.

Wallenius car carrier hit by fire off Germany. By Jason Jiang. *Splash 247.com.* 16 October 2018. Available from: <https://splash247.com/wallenius-car-carrier-hit-by-fire-off-germany/> The 1983-built PCTC *Baltic Breeze*, owned by Swedish company Wallenius Lines and operated by UECC, caught fire in the North Sea near Germany on Sunday night while sailing from Drammen, Norway to Cuxhaven, Germany.

Seafarer dies after falling from CSL bulker. By Jason Jiang. *Splash 247.com.* 17 October 2018. Available from: <https://splash247.com/seafarer-dies-after-falling-from-csl-bulker/> A Canadian crewmember from handysize bulk carrier *Spruceglen* died after he fell off the ship into the St Lawrence Seaway on Tuesday.

Accident Investigation Report 17/2018; Heavy contact made by container vessel CMA CGM Centaurus with quay and shore cranes. *UK Marine Accident Investigation Branch (MAIB).* 18 October 2018. Available from: <https://www.gov.uk/maib-reports/heavy-contact-made-by-container-vessel-cma-cgm-centaurus-with-quay-and-shore-cranes> At 1137 on 4 May 2017, the UK registered container ship *CMA CGM Centaurus* made heavy contact with the quay and two shore cranes while under pilotage during its arrival at Jebel Ali, United Arab Emirates. [Report](#)  [Annexes](#) 

Lack of pilot and Master communication highlighted in CMA CGM Centaurus Jebel Ali berth collision. By Marcus Hand. *Seatrade Maritime News*. 18 October 2018. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/lack-of-pilot-and-master-communication-highlighted-in-cma-cgm-centaurus-jebel-ali-berth-collision.html> On 4 May 2017 the UK-registered, 11,388 teu, containership *CMA CGM Centaurus* collided with the quay wall at Jebel Ali port in Dubai while under pilotage resulting in the collapse of a quay crane and injuries to 10 shoreside personnel, including one seriously.

Three Die in Poisoning Incident aboard Iranian Cargo Ship. *World Maritime News*. 22 October 2018. Available from: <https://worldmaritimeneews.com/archives/263033/three-die-in-poisoning-incident-aboard-iranian-cargo-ship/> Three crew members died, while a number of others were hospitalized in a gas poisoning incident aboard the Iranian general cargo ship *Nazmehr*.

Isle of Wight ferry hits yachts at Cowes harbour. *BBC News*. 21 October 2018. Available from: <https://www.bbc.co.uk/news/amp/uk-england-hampshire-45932147> The *Red Falcon* "came into contact" with a number of boats while trying to berth at Cowes Harbour, operator Red Funnel said.

11 missing after cargoship sinks. By Gary Dixon. *TradeWinds*. 22 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1613203/11-missing-after-cargoship-sinks> Eleven crew are missing after a Chinese cargoship sank off Liaoning on Sunday.

MAIB has a new Chief Inspector. *UK Marine Accident Investigation Branch (MAIB)*. 22 October 2018. Available from: <https://www.gov.uk/government/news/maib-has-a-new-chief-inspector> Andrew Moll has been appointed as the new Chief Inspector of Marine Accidents.

Two ferry incidents occur in Europe. *Maritime Executive*. 28 October 2018. Available from: <https://maritime-executive.com/article/two-ferry-incidents-occur-in-europe> Two ferry incidents occurred in European waters on Saturday.

Crewman killed in Navibulgar bulker fire. By Gary Dixon. *TradeWinds*. 29 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1618094/crewman-killed-in-navibulgar-bulker-fire> One crewman has died and another was injured in a fire that broke out on a Navibulgar bulker at Varna Shipyard in Bulgaria.

ENVIRONMENT

Emissions Gap Report 2018. *United Nations Environment Programme (UNEP)*. September 2018. Available from: <https://www.unenvironment.org/resources/emissions-gap-report-2018> 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.

Fifth Our Ocean Conference to ensure sustainable legacy. By Fardah Assegaf. *Antara News (Indonesia)*. 29 September 2018. Available from: <https://en.antaranews.com/news/119062/fifth-our-ocean-conference-to-ensure-sustainable-legacy> Aspiring to become a global maritime axis, Indonesia, with 140 million citizens, including 2.6 million fishermen earning a livelihood from marine and coastal ecosystems, believes its future depends on oceans as two-thirds territory is water.

Asia-Pacific Day for the Ocean. *Economic and Social Commission for Asia and the Pacific*. October 2018. Available from: <https://www.unescap.org/events/asia-pacific-day-ocean> On 20 November 2018, the Economic and Social Commission for Asia and the Pacific, in close cooperation with custodian agencies of the Communities of Ocean Action, the Special Envoy for the Ocean and with hosts of the Ocean Conference, are hosting an Asia-Pacific Day for the Ocean.

Living Planet Report 2018: Aiming Higher. *WWF*. October 2018. Available from:

http://wwf.panda.org/knowledge_hub/all_publications/living_planet_report_2018/ The Living Planet Report, WWF's flagship publication released every two years, is a comprehensive study of trends in global biodiversity and the health of the planet.

EU coastal states failing on "Blue Growth. *Kiel Institute for the World Economy*. 1 October 2018.

Available from: <https://www.ifw-kiel.de/publications/media-information/2018/eu-coastal-states-failing-on-blue-growth/> In recent years, the EU coastal states have moved backward rather than forward in terms of sustainable use of the seas.

[Does the European Union Achieve Comprehensive Blue Growth?](#) 


IPCC opens meeting to consider 1.5 degrees report. *Intergovernmental Panel on Climate Change* 1 October 2018. Available from:

http://www.ipcc.ch/news_and_events/pr_181001_P48_opening.shtml The Intergovernmental Panel on Climate Change (IPCC) opened a meeting on Monday to consider its Special Report on Global Warming of 1.5 °C.

IPCC: Climate scientists consider 'life changing' report. *By Matt McGrath. BBC News.*

1 October 2018. Available from: <https://www.bbc.co.uk/news/science-environment-45653099> Leading scientists are meeting in South Korea this week to see if global temperatures can be kept from rising by more than 1.5C this century.

Plastics Watch: Could seaweed replace plastic packaging? *BBC News*. 2 October 2018.

Available from: <https://www.bbc.co.uk/news/av/science-environment-45711720/plastics-watch-could-seaweed-replace-plastic-packaging>  One Indonesian inventor has found a unique solution to the problem of plastic food packaging.

Leaked US critique of climate report sets stage for political showdown in Korea.

By Sara Stefanini and Karl Mathiesen. *Climate Home News*. 2 October 2018. Available from: <http://www.climatechangenews.com/2018/10/02/leaked-us-critique-climate-report-sets-stage-political-showdown-korea/> The nine pages of comments on a draft of the UN report reflect the views of multiple government agencies and reveal a US diplomatic corps trying to speak to multiple constituencies – the global community, their own domestic interests and the White House.

After Paris, the devil is in the details. *Brookings Institution*. 2 October 2018. Available from:

<https://www.brookings.edu/blog/planetpolicy/2018/10/02/after-paris-the-devil-is-in-the-details/> When the nations of the world adopted the Paris Agreement in December 2015, they took a giant step toward establishing an operational regime to spur climate action after some 20 years of failed attempts to do just that.

"So Shipping Emissions Will Cool the Arctic? Not Exactly... and Not Without Costs".

Clean Arctic Alliance. 4 October 2018. Available from: <https://www.hfofreearctic.org/en/2018/10/04/so-shipping-emissions-will-cool-the-arctic-not-exactly-and-not-without-costs/> In a recent article, Climatic responses to future trans-Arctic shipping, published in the journal *Geophysical Research Letters*, researchers attempted to quantify the climatic responses to future simulated trans-Arctic shipping from 2006 to 2099 - 81 years into the future - but they're missing something important.

Climate change efforts should focus on ocean-based solutions. *EurekaAlert!* 4 October 2018.

Available from: https://www.eurekaalert.org/pub_releases/2018-10/f-cce092718.php Ambitious and rapid action is needed to reduce climate change and its impacts -- and the first broad-scale assessment of ocean-based solutions shows the focus should be on the oceans.

EU: Breaching 1.5C would trigger cascade of negative effects. By Karl Mathiesen.

Climate Home News. 5 October 2018. Available from:

<http://www.climatechangenews.com/2018/10/05/eu-breaching-1-5c-trigger-cascade-negative-effects/>

Scenarios in which temperatures temporarily exceed 1.5C above pre-industrial levels should not count as aligned with the Paris Agreement's stretch target, the bloc argued.

From London to Shanghai, world's sinking cities face devastating floods. By Fiona Harvey.

The Guardian. 5 October 2018. Available from:

<https://www.theguardian.com/environment/2018/oct/05/from-london-to-shanghai-worlds-sinking-cities-face-devastating-floods>

London, Jakarta, Shanghai and Houston and other global cities that are already sinking will become increasingly vulnerable to storms and flooding as a result of global warming, campaigners have warned ahead of a landmark new report on climate science.

Global Warming of 1.5 °C. Intergovernmental Panel on Climate Change (IPCC). 7 October 2018.

Available from: <http://ipcc.ch/report/sr15/> An IPCC special report on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.

IPCC issues dire climate warning, says coal must go to save Great Barrier Reef.

By Nick Kilvert and Michael Slezak. *ABC (Australia)*. 8 October 2018. Available from:

<http://www.abc.net.au/news/science/2018-10-08/ipcc-climate-change-report/10348720>

In a report authored by more than 90 scientists, and pulling together thousands of pieces of climate research, the UN's Intergovernmental Panel on Climate Change (IPCC) said global emissions of greenhouse gas pollution must reach zero by about 2050 in order to stop global warming at 1.5 degrees Celsius.

37 things you need to know about 1.5C global warming. By Megan Darby and Sara Stefanini.

Climate Home News. 8 October 2018. Available from:

<http://www.climatechangenews.com/2018/10/08/37-things-need-know-1-5c-global-warming/>

This is the first time the Intergovernmental Panel on Climate Change (IPCC) has gathered evidence on the tougher target demanded by countries on the front line of climate impacts.

Keeping warming to 1.5°C impossible without reducing Short-lived Climate Pollutants.

United Nations Environment Programme (UNEP). 8 October 2018. Available from:

<https://www.unenvironment.org/news-and-stories/press-release/keeping-warming-15c-impossible-without-reducing-short-lived-climate>

The UN's Intergovernmental Panel on Climate Change says there is still a long way to go if we want to limit global temperature rise to 1.5 degrees Celsius.

What does climate change mean for the Antarctic? By Louisa Casson. *Greenpeace*

International. 8 October 2018. Available from: <https://www.greenpeace.org.uk/what-climate-change-means-for-the-antarctic/>

When we asked people what the Antarctic makes them think of, 'climate change' was one of the most common answers around the world.

Baby whale freed from shark nets off Gold Coast. By Damien Larkins. *ABC (Australia)*.

9 October 2018. Available from: <http://www.abc.net.au/news/2018-10-09/whale-rescue-from-shark-nets-qld-gold-coast/10354624>


A member of the public walking along Greenmount beach spotted the whale about 50 metres offshore at 6:00am on Tuesday.

AMAP Assessment 2018: Arctic Ocean Acidification. *Arctic Monitoring and Assessment*

Programme (Norway). 9 October 2018. Available from: <https://www.amap.no/documents/doc/amap-assessment-2018-arctic-ocean-acidification/1659>

This assessment report presents the results of the 2018 Arctic Monitoring and Assessment Programme (AMAP) assessment of Arctic Ocean

Acidification. [Report](#)

Would you forgo a glass of wine to protect the Arctic and our climate? *Transport & Environment*. 10 October 2018. Available from: <https://www.transportenvironment.org/press/would-you-forgo-glass-wine-protect-arctic-and-our-climate> It would cost passengers just the price of a glass of wine a day if cruise ships would stop burning highly polluting heavy fuel oil (HFO) in the fragile Arctic environment. [Cost analysis of Arctic HFO ban for cruise shipping Report](#) 

Pirates of the Med: the Mafia-style poachers threatening endangered fish.
By Angelique Chrisafis. *The Guardian*. 13 October 2018. Available from: <https://www.theguardian.com/world/2018/oct/13/pirates-of-mediterranean-divers-plunder-endangered-fish-marseille-calanques-national-park> Johan Jimenez stood on a cliff, peering through binoculars at a picturesque inlet in this unspoiled corner of the Mediterranean near Marseille.

World Heritage sites threatened by sea level rise. *Phys.Org*. 16 October 2018. Available from: <https://phys.org/news/2018-10-world-heritage-sites-threatened-sea.html> From Venice and the tower of Pisa to the medieval city of Rhodes, dozens of UNESCO World Heritage sites in the Mediterranean basin are deeply threatened by rising sea levels, researchers warned Tuesday.

'Despair' as global carbon emissions to hit new record in 2018. **By Frédéric Simon.**
Climate Home News. 18 October 2018. Available from: www.climatechangenews.com/2018/10/18/despair-global-carbon-emissions-hit-new-record-2018/ IEA's Fatih Birol told a conference in Paris that data for the first nine months of the year was already pointing to a record increase in carbon emissions.

Marine Protected Areas: why bother? *Government Europa*. 19 October 2018. Available from: <https://www.governmenteuropa.eu/marine-protected-areas/90804/> Government Europa speaks to Jean-Luc Solandt of the Marine Conservation Society about the importance of having well-managed Marine Protected Areas.

Thermal imaging could slash whale strikes. *The Motorship*. 21 October 2018. Available from: <https://www.motorship.com/news101/ships-equipment/call-to-reduce-whale-strikes> Conservationists are seeking ship owners and ports to trial thermal imaging hardware that could reduce the number of whales dying from ship strikes.

Arctic Indigenous Leaders Petition Carnival Corporation. *Maritime Executive*. 24 October 2018. Available from: <https://www.maritime-executive.com/article/arctic-indigenous-leaders-petition-carnival-corporation> A delegation of Arctic Indigenous leaders and environmentalists delivered a petition signed by 104,000 people to Carnival Corporation's U.K. headquarters on Wednesday.

The World Bank's Blue Economy Program and PROBLUE: Frequently asked questions.
World Bank. 27 October 2018. Available from: <http://www.worldbank.org/en/topic/environment/brief/the-world-banks-blue-economy-program-and-problue-frequently-asked-questions> PROBLUE is a new Multi-Donor Trust Fund (MDTF), housed at the World Bank, that supports healthy and productive oceans.

World's top fishing nations to be given millions to protect oceans. **By Hannah Summers.**
The Guardian. 29 October 2018. Available from: <https://www.theguardian.com/environment/2018/oct/29/worlds-top-fishing-nations-to-be-given-millions-to-protect-oceans> Millions of pounds' worth of funding to tackle global overfishing and protect coral reefs will be announced at a major conference in Indonesia this week.

European Union commits €300 million for clean, healthy and safe oceans. *European Commission*. 29 October 2018. Available from: http://europa.eu/rapid/press-release_IP-18-6209_en.htm The European Commission has announced €300 million of EU-funded initiatives, which include projects to tackle plastic pollution, make blue economy more sustainable and improve research and marine surveillance.

Seychelles launches World's First Sovereign Blue Bond. *World Bank*. 29 October 2018.

Available from: <https://www.worldbank.org/en/news/press-release/2018/10/29/seychelles-launches-worlds-first-sovereign-blue-bond> The Republic of Seychelles has launched the world's first sovereign blue bond—a pioneering financial instrument designed to support sustainable marine and fisheries projects. [Innovative financing for healthy oceans](#)

'Global deal' urgently needed to save nature, says WWF as it reveals wildlife has declined 60% in 40 years. **By Josh Gabbatiss.** *The Independent*. 30 October 2018. Available from:

<https://www.independent.co.uk/environment/wildlife-nature-decline-extinct-paris-climate-agreement-wwf-elephants-rhinos-polar-bears-a8607341.html> Efforts to preserve nature are way off what is required, and a "global deal" in the mould of the Paris climate agreement is needed to bring it back from the brink, a report has warned.

ENVIRONMENTAL POLLUTION

IEA: Ocean plastic waste may double by 2030. *Maritime Executive*. 5 October 2018.

Available from: <https://www.maritime-executive.com/article/iea-ocean-plastic-waste-may-double-by-2030> In a market analysis released Friday, the International Energy Agency predicts that the petchem industry will create almost half the growth in world oil demand between 2018 and 2050, adding nearly seven million barrels of consumption per day.

Vessel waste a growing challenge in the Northern Bering Sea and Bering Strait.

Pew Charitable Trusts. 10 October 2018. Available from: <https://www.pewtrusts.org/en/research-and-analysis/issue-briefs/2018/10/vessel-waste-a-growing-challenge--in-the-northern-bering-sea-and--bering-strait> The northern Bering Sea and Bering Strait region has been an ecological, cultural, and economic center for Yup'ik, Cup'ik, St. Lawrence Island Yupik, and Inupiaq peoples for millennia.

Plastic pollution rising up shipping agenda. **By Paul Stuart-Smith.** *Fairplay*. 11 October 2018.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4307331/plastic-pollution-rising-up-shipping-agenda> Concern about the vast quantities of plastic in the world's oceans is starting to manifest itself in the shipping industry with John Hulmes, chairman of Mersey Maritime and vice chair of Maritime UK telling Fairplay that "plastics are now in the public psyche".

The darker side of cruise ships coming to Cornwall that you might not realise.

By Olivier Vergnault. *Cornwall Live (UK)*. 11 October 2018. Available from:

<https://www.cornwalllive.com/news/cornwall-news/disastrous-effect-cruise-ships-come-2088351> There can be no doubt that Cruise ships are good for Cornwall's economy.

Pollution caused by Mediterranean collision almost completely recovered.

By Andrew Spurrier. *Fairplay*. 15 October 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4307441/pollution-caused-by-mediterranean-collision-almost-completely-recovered>

The French authorities estimate that they have succeeded in recovering all but 2% of the fuel oil that spilled into the Mediterranean last week following the spectacular collision between a Tunisian ro-ro vessel and a Cyprus Shipping Lines box ship.

APM terminals Apapa raise concerns over plastic pollution. **By Godwin Oritse.**

Vanguard (Nigeria). 17 October 2018. Available from: <https://www.vanguardngr.com/2018/10/apm-terminals-apapa-raise-concerns-over-plastic-pollution/> The Managing Director of APM Terminals Apapa, Martin Jacob, has made a case for the proper disposal and recycling of plastics in order to reduce harmful effect on the ocean, wildlife and humans.

Plastic pollution found on shipwrecks. *BBC News*. 17 October 2018. Available from:

<https://www.bbc.co.uk/news/uk-england-hampshire-45667884> Divers from the Marine Archaeology Sea Trust found a "surprisingly large quantity" of rubbish on HMS Invincible's wreck site in Portsmouth Harbour.

P&O cruise ship dumped 27,000 litres of waste on Great Barrier Reef, Senate hears.

By Lisa Cox. *The Guardian*. 22 October 2018. Available from:

<https://www.theguardian.com/environment/2018/oct/22/po-cruise-ship-dumped-27000-litres-of-waste-on-great-barrier-reef-senate-hears> A P&O cruise ship spilled 27,000 litres of food waste and grey water into the Great Barrier Reef marine park in August, a Senate estimates hearing has heard.

Humpback whales stop singing when ships are near: study. *France 24*. 24 October 2018.

Available from: <https://m.france24.com/en/20181024-humpback-whales-stop-singing-when-ships-are-near-study> Humpback whales are famous for their eerie, underwater songs and researchers in Japan said Wednesday these massive marine creatures stop singing, at least temporarily, when human-driven ships are nearby.

Growing noise in the ocean can cause dolphins to change their calls. *Phys.Org*.

24 October 2018. Available from: <https://phys.org/news/2018-10-noise-ocean-dolphins.html> Noise levels in the world's oceans are on the rise, but little is known about its impact on marine mammals like dolphins that rely on sound for communication.

European Commission joins forces with world aquariums to fight plastic pollution.

European Commission. 26 October 2018. Available from: http://europa.eu/rapid/press-release_IP-18-6203_en.htm The European Commission is joining forces with United Nations Environment Programme and other international partners to launch a coalition of aquariums to fight plastic pollution.

HEALTH & SAFETY

SeaSense - Expert thinking on fatigue. *Safety4Sea*. 5 October 2018. Available from:

<https://safety4sea.com/cm-seasense-07/> Our special column, in association with The North of England P&I Club, sheds focus on fatigue which is considered as a significant contributory factor to many incidents in shipping industry and one of the major concerns for seafarers.

Signs of global action on the horizon to stem fishing deaths and injuries.

By Bob Whitehouse. *Southern Africa Shipping News*. 11 October 2018. Available from:

<http://www.sashippingnews.com/2018/10/11/signs-of-global-action-on-the-horizon-to-stem-fishing-deaths-and-injuries/> "While early attempts at an international convention on fishing safety foundered, the International Maritime Organization (IMO) has observed increasing commitment from a number of Member States towards the 2012 Cape Town Convention.

Stress-A Maritime Constant. By David Reid. *Mare Report*. 11 October 2018. Available from:

<http://marereport.namma.org/index.php/2018/10/11/stress-a-maritime-constant/> Stress affects everyone, but seafarers have to cope with stress that is a direct result of the unique environment that the life of a seafarer entails.

Second Good Mental Health Guide translated into five additional languages. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 18 October 2018. Available from:

<http://seafarerswelfare.org/news-and-media/latest-news/second-good-mental-health-guide-translated-into-five-additional-languages> The guide is the second in our series of three Good Mental Health Guides for Seafarers, which was shortlisted in the Best Crew Welfare Programme/Campaign category of the Safety at Sea Awards 2018.

Survey on Seafarers' Mental Health (10/29). *Seafarers International Union (SIU)*. 29 October 2018.

Available from: www.seafarers.org/news/2018/Q4/MentalHealthSurvey.htm As you may know, the Seafarers' Section and ITF Seafarers' Trust has commissioned Yale University to work on a unique project funded by the ITF/Seafarers Trust.

IMO

IMO secretary general: Sulfur regulation deadline is set in stone. By Christian Carlsen.

ShippingWatch. 4 October 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10915115.ece> New global sulfur regulations will take effect Jan. 1, 2020 and that date is set in stone, says IMO secretary general Kitack Lim at Global Maritime Forum in Hong Kong.

Intercargo chairman aims parting shots at regulators. By Bob Jaques. *Seatrade Maritime News*.

4 October 2018. Available from: <http://www.seatrade-maritime.com/news/europe/intercargo-chairman-aims-parting-shots-at-regulators.html> Reflecting on developments in the dry bulk sector during his six years (the maximum permissible) as chairman, Platsidakis noted that much progress had been made in areas such as the safe carriage of cargoes - particularly nickel ore, with the Intercargo secretariat having visited Indonesia, Malaysia and the Philippines to raise awareness of the need for safe loading practices.

Dry bulk buoyed by IMO fuels uncertainty, fewer ship orders, GDP growth, says Pacific Basin.

By Keith Wallis. *Fairplay*. 11 October 2018. Available from:

<https://fairplay.ihs.com/bulk/article/4307356/dry-bulk-buoyed-by-imo-fuels-uncertainty-fewer-ship-orders-gdp-growth-says-pacific> Uncertainty over the International Maritime Organization's (IMO's) 2020 sulphur regulations, a lack of new ship orders, and favourable global GDP growth are all boding well for the dry bulk sector, Pacific Basin chief executive Mats Berglund said on 11 October.

Are EEDI shortcomings shipping's smoking gun? *Splash 247.com*. 12 October 2018.

Available from: <https://splash247.com/are-eedi-shortcoming-shippings-smoking-gun/>

As the celebrations surrounding IMO's 70th anniversary fade into memory, it is one of the industry's worst kept secrets that the UN agency's Energy Efficiency Design Index (EEDI) requirements have failed to keep pace with improvements in vessel design and operation.

Total Marine Fuels warns of 'game-changing' IMO 2020. By Jonathan Robins. *Fairplay*.

15 October 2018. Available from: <https://fairplay.ihs.com/commerce/article/4307341/total-marine-fuels-warns-of-%E2%80%98game-changing%E2%80%99-imo-2020> In the two years since the International Maritime Organization (IMO) settled on 2020 for the date for the sulphur cap, the shipping industry has got used to doom and gloom warnings of unpreparedness.

Drewry launches IMO 2020 cost impact calculator. *Ship & Bunker*. 16 October 2018.

Available from: <https://shipandbunker.com/news/world/747509-drewry-launches-imo-2020-cost-impact-calculator> Global shipping consultancy Drewry today launched a new IMO 2020-focused "Cost Impact Calculator" for shippers / Beneficial Cargo Owners (BCOs) ahead of the new global sulfur cap on marine fuel.

IMO urged to address 'real and major' safety threat from sulphur cap. By Nigel Lowry.

Lloyd's List. 16 October 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124626/IMO-urged-to-address-real-and-major-safety-threat-from-sulphur-cap> Theodore Veniamis has underlined Greek owners' safety jitters about the enforcement of the International Maritime Organization's 2020 sulphur cap while criticising the new regulations' allowance of exhaust gas cleaning systems, or scrubbers.

Union of Greek Shipowners critical of IMO allowing scrubbers for 2020 sulphur cap compliance. By David Glass. *Seatrade Maritime News*. 18 October 2018. Available from:

<http://www.seatrade-maritime.com/news/europe/union-of-greek-shipowners-critical-of-imo-allowing-scrubbers-for-2020-sulphur-cap-compliance.html> Addressing the 20th Marine Money Greek Forum, UGS president, Theodore Veniamis, was critical IMO's of what he described as "hypocritical" allowance of scrubbers, saying "everyone should use low-sulphur marine fuels".

Pacific Islands & coalition demand urgent CO2 cuts at IMO talks. *Hellenic Shipping News.*

18 October 2018. Available from: <https://www.hellenicshippingnews.com/pacific-islands-coalition-demand-urgent-co2-cuts-at-imo-talks/> In April members of the IMO came together to reach an historic agreement and adopt its Initial Greenhouse Gas Strategy.

Shipping's climate ambitions will now be tested. *By Louise Vogdrup-Schmidt*

and *Katrine Grønvald Raun.* *ShippingWatch.* 18 October 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10947271.ece> At first glance, next week's meeting in IMO's environmental committee looks like something that has seen before in terms of the climate agenda, which is not just a hot topic in shipping but across all industries of the world.

Greek shipowners strongly support the forthcoming discussions at the UN IMO for effective implementation and enforcement of the 2020 0.5% global sulphur cap. *Union of Greek Shipowners.*

18 October 2018. Available from: <https://bit.ly/2RrHK1z> The Union of Greek Shipowners (UGS) remains firmly committed to the successful transition to the 0.5% global sulphur cap in marine fuels and the related dates that have been agreed at the United Nations International Maritime Organization (UN IMO).

IMO needs to prove it can be trusted over 2020, says Lim. *Lloyd's List.* 22 October 2018.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124689/IMO-needs-to-prove-it-can-be-trusted-over-2020-says-Lim> The IMO is kicking off a crucial environmental meeting to work out some of the final details around the 2020 sulphur cap and the first details in the international greenhouse gas emissions reduction strategy.

IMO Must Renew Commitment to Arctic Shipping Heavy Fuel Oil Ban. *Clean Arctic Alliance.*

22 October 2018. Available from: <https://www.hfofreearctic.org/en/2018/10/22/imo-must-renew-commitment-to-arctic-shipping-heavy-fuel-oil-ban/> As the International Maritime Organization's Marine Environment Protection Committee (MEPC 73) gathers today in London, the Clean Arctic Alliance called on member states to "renew their commitment" so that a ban on the use and carriage of polluting heavy fuel oil from Arctic shipping can be adopted in 2021.

2018 World Maritime Day: Nigeria's Celebration Of Retrogression. *By Izuchukwu Ozoemena.*

Business & Maritime West Africa. 22 October 2018. Available from:

<http://www.businessandmaritimewestafrica.com/maritime-development/2018-world-maritime-day-nigeria%E2%80%99s-celebration-of-retrogression> The World Maritime Day (WMD) which Nigeria joined other maritime nations worldwide to celebrate last week was really an opportunity for introspection and stock-taking.

A pragmatist's guide to MEPC73. *By Makai Marine Advisors Jeffrey McGree.* *Splash 247.com.*

23 October 2018. Available from: <https://splash247.com/a-pragmatists-guide-to-mepc73/>

During this week's 73rd session of the Marine Environment Protection Committee (MEPC73), the IMO can count on board support from a variety of players, including the beautifully named Clean Shipping Alliance 2020 (CSA 2020).

The US defends support for sulfur proposal in 11th hour. *By Katrine Grønvald Raun.*

ShippingWatch. 23 October 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10955558.ece> At the last minute, the US has opted to support an experience building-phase for the global sulfur regulations.

IMO to combat plastic waste from ships. *By Katrine Grønvald Raun.* *ShippingWatch.*

23 October 2018. Available from: <https://shippingwatch.com/secure/carriers/article10957119.ece>

Plastic is one of the biggest environmental issues of the day, and shipping could play a role here going forward.

MSC 100 set to review MASS regulations. By Martyn Wingrove. *Maritime Digitalisation & Communications*. 23 October 2018. Available from: http://www.marinemec.com/news/view/msc-100-set-to-review-mass-regulations_55609.htm IMO will tackle some of the greatest issues impacting shipping at the 100th meeting of the Maritime Safety Committee (MSC) in December.

IMO pushes ahead with 2020 fuel carriage ban. By Anastassios Adamopoulos. *Lloyd's List*. 23 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124765/IMO-pushes-ahead-with-2020-fuel-carriage-ban> The International Maritime Organization is set to adopt its strongest tool in starting to impose the enforcement of the 2020 sulphur cap.

Support for experience building phase to sulphur regulation roll out grows at IMO. By Anastassios Adamopoulos. *Lloyd's List*. 23 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124766/Support-for-experience-building-phase-to-sulphur-regulation-roll-out-grows-at-IMO> Debate over the future of the sulphur cap continues to dominate proceedings inside the IMO this week, but support is growing for the introduction of a formal data collection period after 2020 that could lead to a review of the regulation and which some view as a delay in implementation.

MEPC meeting paves the way for carriage ban on heavy fuel. By Katrine Grønvald Raun. *ShippingWatch*. 24 October 2018. Available from: <https://shippingwatch.com/secure/carriers/article10958577.ece> A proposal to postpone the implementation date of the carriage ban on non-compliant fuel was voted down Tuesday.

Maritime Regulator Faces Growing Calls for a Gradual Rollout of Clean-Fuel Rules. *Hellenic Shipping News*. 24 October 2018. Available from: <https://www.hellenicshippingnews.com/maritime-regulator-faces-growing-calls-for-a-gradual-rollout-of-clean-fuel-rules/> International maritime regulators begin a new round of meetings on antipollution efforts this week under pressure from the U.S. and other nations to soften implementation of new rules that could cost the industry billions of dollars and lead to higher prices for businesses and consumers.

World Maritime Day 2018 celebration a success. *Vanuatu Daily Post*. 24 October 2018. Available from: http://dailypost.vu/news/world-maritime-day-celebration-a-success/article_69d6351f-5a67-512a-a3cf-d318a42d1f66.html The Office of the Maritime Regulator (OMR), together with the Maritime stakeholder and aligned Departments celebrated the World Maritime Day with the theme set out by the International Maritime Organization (IMO) "IMO 70: Our Heritage - Better Shipping for a Better future" at the Seafront stage in Port Vila on September 27, 2018.

IMO confirms ban on carrying high sulphur fuel. By Adam Corbett. *TradeWinds*. 24 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1615583/imo-confirms-ban-on-carrying-high-sulphur-fuel> A key IMO environmental meeting has confirmed that 1 March 2020 will be the final day ships will be allowed to carry fuel with a sulphur content over 0.5% unless they have been fitted with an exhaust gas scrubber.

U.S.-Backed Plan for Phased Start of Ship-Fuel Rules Fails. By Jack Wittels. *Bloomberg*. 24 October 2018. Available from: <https://www.bloomberg.com/news/articles/2018-10-24/imo-rejects-u-s-backed-plan-for-phased-start-of-ship-fuel-rules> The International Maritime Organization rejected a proposal - supported by both the U.S. and shipping groups - for a phased start to rules that will limit the sulfur content of ship fuels starting in 2020.

MEPC 73: IMO's high sulphur fuel carriage ban remains on track for March 2020. By Unni Einemo. *International Bunker Industry Association (IBIA)*. 24 October 2018. Available from: <https://ibia.net/mepc-73-imos-high-sulphur-fuel-carriage-ban-remains-on-track-march-2020/> The adoption of a ban on the carriage of bunkers above 0.50% sulphur looks set to go ahead despite a number of countries seeking a delay.

IMO overlooks 'experience building' proposal. By Andy Pierce. *TradeWinds*. 25 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1616339/imo-overlooks-experience-building-proposal> A controversial proposal to include an "experience building phrase" which will ease the implementation of the IMO 2020 regulation on global sulphur emissions is unlikely to affect the text of the upcoming Marpol Annex VI regulation.

Lightning fast negotiation of controversial sulfur proposal launches new talks at the IMO. By Louise Vogdrup-Schmidt. *ShippingWatch*. 25 October 2018. Available from: <https://shippingwatch.com/secure/carriers/article10961715.ece> A proposal for an experience phase was quickly dealt with late Wednesday afternoon in the IMO.

Sulphur cap experience-building phase on hold. By Sam Chambers. *Splash 247.com*. 25 October 2018. Available from: <https://splash247.com/sulphur-cap-experience-building-phase-on-hold/> Europe - with the notable exception of Malta - held firm yesterday in discussions at the headquarters of the International Maritime Organization (IMO) to put plans for a so-called experience-building phase to the impending global sulphur cap on hold.

France calls for Mediterranean Emission Control Area at IMO. *Hellenic Shipping News*. 25 October 2018. Available from: <https://www.hellenicshippingnews.com/france-calls-for-mediterranean-emission-control-area-at-imo/> France presented the results of its impact assessment of a possible emission control area (ECA) in the Mediterranean Sea aimed at the reduction of harmful ship emissions.

IMO agrees EEDI changes amid tough negotiations. By Anastassios Adamopoulos. *Lloyd's List*. 25 October 2018. Available from: <https://bit.ly/2PzfMEO> Environmental negotiators were reminded just how difficult discussions over shipbuilding efficiency can be.

IMO adopts 2020 sulphur cap fuel carriage ban. By Anastassios Adamopoulos. *Lloyd's List*. 26 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124817/IMO-adopts-2020-sulphur-cap-fuel-carriage-ban> The prohibition of the carriage for use of non-compliant fuels beginning in March 2020 is touted as an important enforcement tool in the implementation of the 2020 sulphur cap.

Environmental and Indigenous groups welcome IMO progress towards Arctic dirty fuel ban. By Levon Sevunts. *Radio Canada International (RCI)*. 26 October 2018. Available from: <http://www.rcinet.ca/eye-on-the-arctic/2018/10/26/environmental-and-indigenous-groups-welcome-imo-progress-towards-arctic-dirty-fuel-ban/> As the International Maritime Organization's Marine Environment Protection Committee's (MEPC 73) meeting concluded in London, several member states of the United Nations' specialized agency supported a move to have a technical subcommittee of the IMO begin work on measures to mitigate risks of using and carrying heavy fuel oil in Arctic waters, including an eventual ban.

ICS welcomes IMO progress on environmental issues and constructive role of China in GHG debate. *International Chamber of Shipping (ICS)*. 26 October 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/10/26/ics-welcomes-imo-progress-on-environmental-issues-and-constructive-role-of-china-in-ghg-debate> At the conclusion of this week's critical meeting of the IMO Marine Environment Protection Committee (MEPC), ICS has welcomed the significant progress made on some key environmental issues.

Shipping emissions talks stall in London. *Clean Shipping Coalition (CSC)*. 26 October 2018. Available from: <http://www.cleanshipping.org/shipping-emissions-talks-stall-in-london/> Two weeks of talks in London on what measures the global shipping sector should take to reduce its climate impact have failed to make progress.

An ambitious global effort to cut shipping emissions stalls. By Phil McKenna. *InsideClimate News*. 26 October 2018. Available from: <https://insideclimatenews.org/news/26102018/shipping-emissions-heavy-fuel-oil-greenhouse-gases-imo-agreement-international-maritime-organization>

An ambitious, global agreement to cut greenhouse gas emissions from shipping in half by mid-century stalled as the International Maritime Organization (IMO) failed to approve any specific emission reduction measures at a meeting in London this week.

Maritime's push toward "Net Zero Carbon". By Patricia Keefe. *MarineLink*. 27 October 2018.

Available from: <https://www.marinelink.com/news/maritimes-push-toward-net-zero-carbon-443130>

Climate change is the biggest issue facing [all aspects of] the maritime industry, said Kitak Lim, IMO secretary general, in an interview earlier this year with Maritime Reporter & Engineering News.

Lack of urgency at MEPC 73 raises stakes for next meeting. By Paul Stuart-Smith. *Fairplay*.

29 October 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4308011/lack-of-urgency-at-mepc-73-raises-stakes-for-next-meeting> The jury is out on the extent to which progress was made at the 73rd meeting of the Marine Environment Protection Committee (MEPC), which ended on 26 October.

ECSA welcomes outcome of MEPC 73. *European Community Shipowners' Associations (ECSA)*.

29 October 2018. Available from: <https://www.ecsa.eu/news/ecsa-welcomes-outcome-mepc-73>

ECSA welcomes the good progress that has been made at last week's meeting of the Marine Environment Protection Committee (MEPC) on some key environmental issues.

Mixed feelings after MEPC 73 meeting. *World Maritime News*. 29 October 2018. Available from:

<https://worldmaritimeneeds.com/archives/263517/mixed-feelings-after-mepc-73-meeting/> The ban is expected to come into effect in March 2020 following the entrance into force of the global sulphur limit in January 2020.

The UGS welcomes the conclusions of the UN IMO MEPC73 ... *All About Shipping*.

29 October 2018. Available from: <http://www.allaboutshipping.co.uk/2018/10/29/the-ugs-welcomes-the-conclusions-of-the-un-imo-mepc73/>

MEPC 73 decided to forward consideration of the safety concerns already identified to the IMO Maritime Safety Committee (MSC 100) in December 2018, which is now called upon to deal with all these sensitive and important technical issues.

Data questions stymie IMO progress on EEDI. By Jamey Bergman. *Tanker Shipping & Trade*.

29 October 2018. Available from: https://www.tankershipping.com/news/view_data-questions-stymie-imo-progress-on-eedi_55693.htm MEPC 73 delegates disagreed over several aspects of the third phase of IMO's energy efficiency design index (EEDI), which sets out design parameters intended to improve efficiency and lower emissions of commercial shipping vessels as compared to a baseline average, broken down by vessel type.

LAW & POLICY

Information sharing for efficient maritime logistics. *International Transport Forum*.

26 September 2018. Available from: <https://www.itf-oecd.org/sites/default/files/docs/information-sharing-maritime-logistics.pdf> The International Transport Forum is an intergovernmental organisation with 59 member countries.

Trump administration rolls back offshore drilling safety regulations. *Center for Biological Diversity*. 28 September 2018. Available from:

https://www.biologicaldiversity.org/news/press_releases/2018/offshore-drilling-safety-09-28-2018.php

The Trump administration today relaxed offshore drilling safety rules adopted after the deadly BP Deepwater Horizon explosion and oil spill, the country's worst environmental disaster.

Pacific engagement at the first intergovernmental conference on BBNJ. *Pacific Islands News Association (PINA)*. 30 September 2018. Available from:

<http://www.pina.com.fj/index.php?p=pacnews&m=read&o=1410046595bb1974a919df945c3eff>

For the past two weeks, the Pacific has been at the heart of the first Intergovernmental Conference (IGC1) on Biological Diversity Beyond National Jurisdiction (BBNJ).

Guidelines for implementing the Welfare aspects of the Maritime Labour Convention, 2006.

International Transport Workers' Federation (ITF). October 2018. Available from: <http://www.ics-shipping.org/docs/default-source/resources/welfare-guide.pdf> These Guidelines for implementing the welfare aspects of the Maritime Labour Convention (MLC), 2006 as amended, henceforth referred to in this document as the MLC were produced by representatives of both seafarers and shipowners, and coordinated by the International Transport Workers' Federation (ITF) and the International Chamber of Shipping (ICS).

Sanctioned Russian ship detained in Busan. *Maritime Executive*. 1 October 2018. Available from:

<https://www.maritime-executive.com/article/sanctioned-russian-ship-detained-in-busan> On Saturday, Russian state media reported that port state authorities in Busan have detained the tanker *Sevastopol*, which has been blacklisted by the U.S. Treasury Department for allegedly violating sanctions on North Korea.

Master, owners to be charged over large oil spill in Darwin Harbour. *Safety4Sea*.

1 October 2018. Available from: <https://safety4sea.com/master-owners-to-be-charged-over-large-oil-spill-in-darwin-harbour/> Australia's Northern Territory Department of Environment and Natural Resources (DENR) has commenced legal proceedings against the master and owners of a ship responsible for a large oil spill in Darwin Harbour on 19 August 2016.

Obligation to negotiate access to the Pacific Ocean (Bolivia v. Chile). *International Court of Justice (ICJ)*.

1 October 2018. Available from: <https://www.icj-cij.org/files/case-related/153/153-20181001-PRE-01-00-EN.pdf> The Court finds that the Republic of Chile did not undertake a legal obligation to negotiate a sovereign access to the Pacific Ocean for the Plurinational State of Bolivia.

Cruise ship *L'Austral* grounding - fines total \$100,000. *Maritime New Zealand*. 2 October 2018.

Available from: <https://www.maritimenz.govt.nz/public/news/media-releases-2018/20181002a.asp> French company Compagnie du Ponant and Captain Regis Daumesnil, a French citizen, were sentenced today in the Wellington District Court.

Canada, EU and 8 other countries set to sign 'historic' agreement to protect Central Arctic Ocean. By Levon Sevunts. *Canadian Broadcasting Corporation (CBC)*. 2 October 2018.

Available from: <https://www.cbc.ca/news/politics/canada-treaty-protect-arctic-ocean-1.4847890>

Officials from five Arctic countries and five major distant fishing powers are meeting in Greenland Wednesday to sign a legally binding international accord that will protect nearly three million square kilometres of the Central Arctic Ocean from unregulated fishing.

Security Council renews authorization for states to inspect vessels suspected of smuggling migrants off Libya's Coast, adopting Resolution 2437 (2018). *United Nations*. 3 October 2018.

Available from: <https://www.un.org/press/en/2018/sc13529.doc.htm> The Security Council today decided to renew, for a period of one year, its prior authorization allowing Member States to inspect vessels on the high seas off the coast of Libya, given reasonable grounds for suspicion that they are being used for smuggling migrants or human trafficking.

Top UN judicial body orders US to ease Iran sanctions. *UN News*. 3 October 2018.

Available from: <https://news.un.org/en/story/2018/10/1022142> Following President Donald Trump's announcement in May that the US was withdrawing from the 2015 agreement on Iran's nuclear programme, known as the JCPOA - reached by Iran, the five permanent members of the Security Council, Germany and the European Union - the US President ordered sanctions "lifted or waived" in connection with the agreement, to be re-imposed.

Dubrovnik puts cap on daily cruise ship arrivals. *Maritime Executive*. 4 October 2018.

Available from: <https://www.maritime-executive.com/article/dubrovnik-puts-cap-on-daily-cruise-ship-arrivals> The city of Dubrovnik, Croatia has announced new measures intended to manage its success as a cruise destination.

Welcome to Australia video is now available. *Australian Maritime Safety Authority (AMSA)*.

4 October 2018. Available from: <https://www.amsa.gov.au/news-community/news-and-media-releases/welcome-australia-video-now-available> Australia implements a range of standards and regulations to protect the marine environment from pollution.

US cruise ship captain on trial over French pollution charges. *France 24*. 8 October 2018.

Available from: <https://www.france24.com/en/20181008-us-cruise-ship-captain-trial-over-french-pollution-charges> The American captain of a massive cruise ship faces trial in Marseille on Monday accused of using fuel with sulphur levels above European limits, as the Mediterranean port city grapples with the polluting effect of its drive to increase boat tourism.

MAJ praises African maritime co-operation. *Hellenic Shipping News*. 8 October 2018.

Available from: <https://www.hellenicshippingnews.com/maj-praises-african-maritime-co-operation/> Maritime Authority of Jamaica's Director General, Rear Admiral (ret'd) Peter Brady has praised the dedication of African States in working together towards achieving global maritime goals and meeting international environmental targets.

New state commission takes on Putin's big plan for the Arctic. By Atle Staalesen.

Independent Barents Observer (Norway). 8 October 2018. Available from: <https://thebarentsobserver.com/en/arctic/2018/10/new-state-commission-takes-putins-big-plans-arctic> It is Deputy Prime Minister Yuri Trutnev who is commissioned to lead the work with the President's priorities for the Arctic.

Talks held to stamp out cargo declaration abuses. By Janet Porter. *Lloyd's List*.

10 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124534/Talks-held-to-stamp-out-cargo-declaration-abuses> Some of the biggest names in container shipping are backing a new safety push to tackle false cargo details that have resulted in several high-profile maritime catastrophes in recent years.

Oceans minister vows to revitalize tepid maritime industry. *Yonhap News Agency*

(South Korea). 11 October 2018. Available from: <http://english.yonhapnews.co.kr/business/2018/10/11/7/0501000000AEN20181011003952320F.html> South Korea's oceans ministry said Thursday it will support the building of over 200 ships in the next three years via a state-run agency to rejuvenate the sluggish maritime industry.

Cruise must avoid becoming a victim of its own success. By Terry Macalister. *TradeWinds*.

11 October 2018. Available from: <https://www.tradewindsnews.com/weekly/1602576/cruise-must-avoid-becoming-a-victim-of-its-own-success> The opening of a trial this week against the captain and owner of a P&O cruiseship in Marseilles is the latest in a series of high-profile knocks for the industry in the Mediterranean.

Coast Guard announces new Maritime Commerce Strategic Outlook. By John P. Nadeau.

US Coast Guard Maritime Commons. 11 October 2018. Available from: <http://mariners.coastguard.dodlive.mil/2018/10/11/10-11-2018-coast-guard-announces-new-maritime-commerce-strategic-outlook/> A resilient Marine Transportation System is imperative to our nation's economic prosperity and national security. [Report](#)

Cabotage: no more waivers, Dakuku tells oil companies. By Isichei Osamgbi.

Nigerian Maritime Administration and Safety Agency (NIMASA). 11 October 2018. Available from: <http://nimasa.gov.ng/press-center/post/cabotage-no-more-waivers-dakuku-tells-oil-companies>
The Director-General of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Dakuku Peterside, has said the Agency will no longer encourage the application of any form of waivers under the Cabotage Act, particularly from the oil firms operations as such does not help the growth of the Nigerian maritime sector and economy at large.

MEP puts pressure on EU Commission to address state aid in shipping. By Mette Mandrup.

ShippingWatch. 12 October 2018. Available from: <https://shippingwatch.com/secure/carriers/article10934294.ece> Christel Schaldemose, member of the European Parliament for the Social Democrats, has no plans to ditch the case related to countries such as China and South Korea providing state aid for their own shipbuilders, which puts pressure on European shipping companies and shipbuilders, she tells ShippingWatch.

Spain arrests four for migrant trafficking in drug boats. *The Local (Spain)*. 13 October 2018.

Available from: <https://www.thelocal.es/20181013/spain-arrests-four-for-migrant-trafficking-in-drug-boats> It was unclear whether those arrested had been involved in drug trafficking and decided to change track, or if they had merely got hold of the vessels for their operations.

Major retired George Nyamoko appointed new Kenya Maritime Authority DG. *Daily Nation*

(Kenya). 14 October 2018. Available from: <https://www.nation.co.ke/video/news/4146788-4804548-da78unz/index.html> Major retired George Nyamoko has been appointed new Director General of the Kenya Maritime Authority for a period of three years.

China expands its global governance ambitions in the Arctic. By Harriet Moynihan.

Chatham House Royal Institute of International Affairs. 15 October 2018. Available from: <https://www.chathamhouse.org/expert/comment/china-expands-its-global-governance-ambitions-arctic> As polar ice melts, the Arctic will become increasingly important for its untapped oil, gas and minerals as they become more accessible, as well for its shipping routes, which will become increasingly cost efficient for cargo as parts of the routes become ice-free for extended periods.

Maritime anti-corruption group membership tops 100. By Marcus Hand. *Seatrade Maritime*

News. 15 October 2018. Available from: <http://www.seatrade-maritime.com/news/europe/maritime-anti-corruption-group-membership-tops-100.html> Established in 2011 MACN is an industry-led body aims to stamp out corruption which has for years been an accepted practice in some parts of the industry and supply chain.

Clean maritime revolution starts voyage. By Nusrat Ghani MP. *UK Government*.

15 October 2018. Available from: <https://www.gov.uk/government/news/clean-maritime-revolution-starts-voyage> Experts on clean shipping met today (15 October 2018), to plot the route to zero emissions for the UK maritime sector on the first day of Green Great Britain Week.

London intent on remaining world's leading shipping centre post-Brexit.

By Paul Stuart-Smith. *Fairplay*. 16 October 2018. Available from: <https://fairplay.ihs.com/commerce/article/4307471/london-intent-on-remaining-world%E2%80%99s-leading-shipping-centre-post-brexit> Whatever the final outcome of Brexit, international trade and the maritime sector are likely to play increasingly important roles in the UK's economic future.

Creation of admiralty court sought. By Genivi Factao. *Manila Times*. 16 October 2018.

Available from: <https://www.manilatimes.net/creation-of-admiralty-court-sought/452517/> Angkla Party-list Rep. Jesulito Manalo has announced plans to set up an admiralty tribunal that would solve maritime or shipping disputes in the Philippines after convincing Supreme Court justices to create it.

Greece reaffirms maritime collaboration with China. By Anastassios Adamopoulos.

Lloyd's List. 16 October 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124607> China and Greece have signed a letter of intent to collaborate on a range of maritime issues, including seafarer training and marine environment protection.

Seoul steers Korea's maritime sector revival. By Martina Li. *Fairplay*. 18 October 2018.

Available from: <https://fairplay.ihs.com/markets/article/4307141/seoul-steers-korea%E2%80%99s-maritime-sector-revival> Still rattled by the collapse of Hanjin Shipping, the South Korean government is directing an ambitious plan to rejuvenate the country's battered maritime sectors.

South Korea latest country to sign EU joint statement on IUU fishing. *Undercurrent News*.

22 October 2018. Available from: <https://www.undercurrentnews.com/2018/10/22/south-korea-latest-country-to-sign-eu-joint-statement-on-iuu-fishing/> South Korea's minister of fisheries has signed a pledge to work more closely with the EU to tackle illegal, unreported and unregulated (IUU) fishing, the European Commission has announced.

Environmental and Indigenous groups call on Canada to commit to dirty fuel ban in the Arctic. By Levon Sevunts. *Radio Canada International (RCI)*. 23 October 2018. Available from:

<http://www.rcinet.ca/eye-on-the-arctic/2018/10/23/canada-hfo-ban-arctic-mepc-73-imo/> As the world's maritime body gathers this week in London, a coalition of environmental and Indigenous groups is calling on the federal government to commit to a ban on heavy fuel oil, also known as bunker oil, for ships plying the Arctic.

Governments Begin Considering New Ocean Conservation Milestone. By Liz Karan.

Pew Charitable Trusts. 23 October 2018. Available from: <https://bit.ly/2DiWgWA> Nearly a decade ago, the parties to the Convention on Biological Diversity (CBD) adopted a strategic plan that included a goal to protect at least 10 percent of coastal and marine areas by 2020 - the first global target set for marine protections.

Viewpoint: Carrying the can. By Michael Grey. *Lloyd's List*. 25 October 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1124686/Viewpoint-Carrying-the-can> The chances of a master completing his seagoing career without ending up with a custodial sentence seem to be shrinking.

When saving the lives of migrants becomes a crime. By Riona Judge McCormack. *Irish Times*.

27 October 2018. Available from: <https://www.irishtimes.com/opinion/when-saving-the-lives-of-migrants-becomes-a-crime-1.3676955> The duty to assist vessels in distress is one of the most important rules of international maritime law.

World needs non-proliferation treaty for ocean pollution, says former US secretary of state John Kerry. By Nur Asyiqin Mohamad Salleh. *Straits Times*. 29 October 2018. Available from:

<https://www.straitstimes.com/asia/se-asia/world-needs-non-proliferation-treaty-for-ocean-pollution-says-former-us-secretary-of> The world must step up cooperation to fight climate change the same way it did to thwart nuclear war, former US secretary of state John Kerry said on Monday (Oct 29).

Global ocean forum starts in Bali. By Ina Parlina and Gemma Holliani Cahya. *Jakarta Post*.

29 October 2018. Available from: <http://www.thejakartapost.com/news/2018/10/29/global-ocean-forum-starts-in-bali.html> The 2018 Our Ocean Conference (OOC) kicked off in Bali with growing calls for all of the world's inhabitants to play a role in protecting the ocean.

Liberia deposits submission for extension of continental shelf at United Nations. *Front Page Africa (Liberia)*. 29 October 2018. Available from:

<https://frontpageafricaonline.com/law-order/liberia-deposits-submission-for-extension-of-continental-shelf-at-united-nations/> The Republic of Liberia has deposited its 'submission' with the United Nations Division for Ocean Affairs and the Law of the Sea (DOALOS), for a claim of the extension of Liberia's Continental Shelf beyond the 200 nautical mile limits.

UN sanctions two Panama-flagged tankers for North Korea links. By Keith Wallis. *Fairplay*. 29 October 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4308021/un-sanctions-two-panama-flagged-tankers-for-north-korea-links> Two Panamanian-flagged tankers are among three ships designated by the United Nations (UN) as allegedly breaking North Korean sanctions after being discovered carrying out ship-to-ship transfers in the East China Sea in June.

MARINE TECHNOLOGY

ClassNK advises existing ships to install ballast water management systems early on. *ClassNK*. 28 September 2018. Available from: https://www.classnk.or.jp/hp/en/hp_news.aspx?id=3165&type=press_release&layout=5 Leading classification society ClassNK has analyzed the retrofitting status of ballast water management systems (BWMS) on its registered ships and confirmed that installation deadlines based on the Ballast Water Management Convention (BWM Convention) for many of them are highly concentrated in the year 2022.

The economics of scrubbers. By Barry Parker. *Seatrade Maritime News*. 8 October 2018. Available from: <http://www.seatrade-maritime.com/news/americas/the-economics-of-scrubbers.html> Most notably in an about face from a position of several months back, two large listed entities, Scorpio Bulk (SALT) and Scorpio Tankers (STNG) have announced their decision to install "hybrid ready" scrubbers.

Scrubber supplier has full order book into 2020: "We have turned many customers away". By Trine Vestergaard. *ShippingWatch*. 10 October 2018. Available from: <https://shippingwatch.com/secure/suppliers/article10928101.ece> With a filled order book well into 2020, when the global sulfur cap comes into force, scrubber supplier Pureteq has plenty of work on its hands.

Video Interview: Oskar Levander of Rolls-Royce Marine on digitalisation. By Marcus Hand. *Seatrade Maritime News*. 10 October 2018. Available from: <https://bit.ly/2PbSBjl> 📺 Oskar Levander, svp concepts and innovation for Rolls-Royce Marine, is one of the leading proponents of digitalisation in the maritime industries.

Blockchain has won MIT solve's communities challenge with Blockchain Shipping Emissions MRV Solutions. *Cleaner Seas*. 13 October 2018. Available from: www.cleanerseas.com/blockchain-has-won-mit-solves-communities-challenge-with-blockchain-shipping-emissions-mrv-solutions/ Blockchain technology and governance specialist, Blockchain Labs for Open Collaboration (BLOC), has won Massachusetts Institute of Technology (MIT) Solve's Coastal Communities Challenge, for its work in developing shipping Emissions Monitoring Reporting (MRV) solutions.

MSC accelerates deployment of smart containers for customers. *Mediterranean Shipping Company (MSC)*. 15 October 2018. Available from: <https://www.msc.com/gbr/press/press-releases/2018-october/msc-accelerates-deployment-of-smart-containers-for> MSC Mediterranean Shipping Company, a global leader in container shipping and logistics, is increasingly introducing smart container solutions for customers at many locations around the world, using IoT solutions developed by its partner TRAXENS.

Rolls-Royce and Intel announce autonomous ship collaboration. *Rolls-Royce*. 15 October 2018. Available from: <https://www.rolls-royce.com/media/press-releases/2018/15-10-2018-rr-and-intel-announce-autonomous-ship-collaboration.aspx> Rolls-Royce and Intel are intending to collaborate on designs for sophisticated intelligent shipping systems that will make commercial shipping safer, the parties announced today.

Are autonomous ships the future? By David Cowan. *Raconteur*. 17 October 2018. Available from: <https://www.raconteur.net/finance/autonomous-ships> According to Rolls-Royce Marine, by 2030 autonomous ships will be a common sight on the oceans.

MPA and partners sign agreements for 3D printing facility and applications in maritime sector. *Maritime and Port Authority of Singapore (MPA)*. 17 October 2018. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/28bd9f04-a13b-4b37-9cb6-8d60a075bc7a> The Maritime and Port Authority of Singapore (MPA) signed two Memoranda of Understanding (MoU) for Additive Manufacturing (AM), also known as 3D printing, at the 6th Global AM Summit held on 17 and 18 October 2018 at the Changi Exposition Centre.

METIS: Groundbreaking maritime chatbot. *Splash 247.com*. 19 October 2018. Available from: <https://splash247.com/metis-groundbreaking-maritime-chatbot/> Greek maritime technology firm METIS Cyberspace Technology reckons it can transform the management of shipping fleets via its latest maritime cyber solutions.

Scrubbers: the industrialisation of pollution or saviour of the planet? By Sam Chambers. *Splash 247.com*. 19 October 2018. Available from: <https://splash247.com/scrubbers-the-industrialisation-of-pollution-or-saviour-of-the-planet/> It has been a brutal month for purveyors of open-loop scrubbers.

Ten Scrubber Questions Answered. *Maritime Executive*. 20 October 2018. Available from: <https://www.maritime-executive.com/article/ten-scrubber-questions-answered> The Clean Shipping Alliance 2020, a new organization consisting of 25 leading maritime companies representing over 2,000 ships, answers 10 questions about scrubbers.

Perfect Storm Brewing for Wind Ships. By Gavin Allwright. *Maritime Executive*. 21 October 2018. Available from: <https://www.maritime-executive.com/blog/perfect-storm-brewing-for-wind-ships> While the year is not over, 2018 has already been a very significant one for wind propulsion and the shipping industry in general.

Testing an undersea robot that can detect and map oil spills. By Kim Fulton-Bennett. *Monterey Bay Aquarium Research Institute (MBARI)*. 22 October 2018. Available from: <https://www.mbari.org/lrauv-oil-spill-test/> In late September 2018, MBARI engineers demonstrated a new use for MBARI's long-range autonomous underwater vehicles (LRAUVs) - detecting and tracking oil spills. Working with the US Coast Guard and collaborators at Woods Hole Oceanographic Institution (WHOI), MBARI engineers outfitted an LRAUV with special instruments that can detect oil in water.

Scrubbers and lending are focus of debate in Greece. By Harry Papachristou. *TradeWinds*. 23 October 2018. Available from: <https://www.tradewindsnews.com/finance/1612893/scrubbers-and-lending-are-focus-of-debate-in-greece> The debate about scrubbers and upcoming environmental rules dominated much of the discussion at the latest Marine Money event in Greece, as is often the case at shipping-themed events these days.

MARITIME EDUCATION & TRAINING

Training plan to boost maritime sector growth. By Eunice Murathe. *Business Daily (Kenya)*. 2 October 2018. Available from: <https://www.businessdailyafrica.com/corporate/shipping/Training-plan-to-boost-maritime-sector-growth/4003122-4788470-e0w735z/index.html> The government bets on education and training to boost Kenya's marine-based economic development.

UK's largest marine simulation training centre to operate using Wärtsilä equipment. *Wärtsilä Corporation*. 5 October 2018. Available from: <https://www.wartsila.com/media/news/05-10-2018-uk-s-largest-marine-simulation-training-centre-to-operate-using-wartsila-equipment-2287138> The technology group Wärtsilä has been selected to provide a full scope of marine simulators for a new training facility at Solent University's Warsash School of Maritime Science and Engineering, located in Southampton, England.

How the MNTB is working on new ways to accumulate sea time - a cadet's experience. By Holly Birkett. *UK Chamber of Shipping*. 10 October 2018. Available from: <https://www.ukchamberofshipping.com/latest/how-mntb-working-new-ways-accumulate-sea-time-cadets-experience/> While it's good news that SMaRT Plus funding has been approved by the Government and will increase the number of cadets trained annually, this has intensified the challenge of finding available sea time berths to accommodate these new recruits.

Germany furthers support to WMU with simulator lab refurbishment. *World Maritime University*. 11 October 2018. Available from: <https://www.wmu.se/news/germany-furthers-support-wmu-simulator-lab-refurbishment> On 2 October, President Doumbia-Henry welcomed Mr. Reinhard Klengen, Director-General Waterways and Shipping in the Federal Ministry of Transport and Digital Infrastructure of Germany, for a visit to WMU accompanied by WMU Governor, Professor Peter Ehlers, WMU Executive Board Member, Professor Dirk Max Johns (German Shipowners), Dr. Axel Henriksen (Schlüter Foundation for Shipping and Environmental Protection), as well as Mr. Tino Hensel and Ms. Caroline Baumgärtner (Carnival Maritime).

New MCA seafarer training centre and crew residence opens in Phuket. *Ship Management International*. 11 October 2018. Available from: <http://shipmanagementinternational.com/new-mca-seafarer-training-centre-and-crew-residence-opens-in-phuket/> Galileo Maritime Academy has this month announced the completion of its new architect designed professional crew training centre and crew residence in Phuket, Thailand.

Training for the Master's role - reflections and recommendations. By Mudit Singh. *Skuld*. 11 October 2018. Available from: <https://www.skuld.com/topics/ship/navigation/training-for-the-masters-role---reflections-and-recommendations/> Training to be a ship's Master is no easy feat and it is a pinnacle only a few joining sea as deck officers succeed in reaching.

CMU signs MOU with Panama university. *The Gleaner (Jamaica)*. 16 October 2018. Available from: <http://jamaica-gleaner.com/article/shipping/20181016/cmu-signs-mou-panama-university> Jamaica and Panama have strengthened their bilateral relationship even more, with the signing of a memorandum of understanding (MOU) between the Caribbean Maritime University (CMU) and the International Maritime University of Panama (IMUP) on October 8 at the Opening Ceremony of the Caribbean Shipping Association's (CSA) 48th Annual General Meeting in Panama.

Cruise line entices maritime academy students with exciting careers. *Nassau Guardian (Bahamas)*. 23 October 2018. Available from: <https://thenassauguardian.com/2018/10/23/cruise-line-entices-maritime-academy-students-with-exciting-careers/> Royal Caribbean Cruises Ltd. grabbed the attention of potential job seekers attending Lowell J. Mortimer Maritime Academy's second annual maritime conference, an event which brings together the industry's stakeholders – education and training professionals, maritime cadets, employers, port operators and others interested in exploring local, regional and international issues impacting the sector.

CHED ensures maritime schools adhere to int'l standards. By Merlina Hernando-Malipot.

Manila Bulletin. 29 October 2018. Available from: <https://news.mb.com.ph/2018/10/29/ched-ensures-maritime-schools-adhere-to-intl-standards/> The Commission on Higher Education (CHED) has collaborated with three other key agencies of the government to ensure compliance of Philippine maritime institutions to international standards.

MARITIME SAFETY

El Faro safety legislation awaits Trump sign-off. By John Gallagher. *Fairplay*. 2 October 2018.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4307026/el-faro-safety-legislation-awaits-trump-sign-off> Legislation emphasising new vessel inspection oversight and emergency locator equipment aimed at improving crew safety awaits signing into law by US President Donald Trump.

SAFETY4SEA Conference discusses ways to broaden industry's perspective on safety.

Safety4Sea. 4 October 2018. Available from: <https://safety4sea.com/safety4sea-conference-discusses-ways-to-broaden-industrys-perspective-on-safety/> Discussions on how the industry can change mindset and embrace Safety II concept to focus on people rather than on systems took place at this year's event.


Safety: risk management and piracy. By Craig Jallal. *Tanker Shipping & Trade*.

10 October 2018. Available from: https://www.tankershipping.com/news/view,safety-risk-management-and-piracy_54501.htm Almost 20 years to the day since the International Safety Code (ISM) was introduced by IMO, officials at the port of Hull became concerned with the approach being taken by the 2008 Russian-built 2,800 dwt clean tanker *Tecoil Polaris*.

Government of Canada delivers marine safety training and barges to Northern communities through the Oceans Protection Plan. *Government of Canada*. 13 October 2018. Available from:

<https://bit.ly/2CY03r4> Protecting the marine environment and all users of Canada's oceans and waterways is of paramount importance.

Safety warning about working in enclosed spaces after the loss of 1 life on a fishing vessel.

UK Marine Accident Investigation Branch (MAIB). 19 October 2018. Available from: <https://www.gov.uk/maib-reports/safety-warning-about-working-in-enclosed-spaces-after-the-loss-of-1-life-on-a-fishing-vessel> Urgent bulletin issued after working in a refrigerated salt water tank resulted in a fatal accident on board *fv Sunbeam (FR487)* at Fraserburgh, Scotland.
[Safety Bulletin: Working in refrigerated salt water tanks](#) 

NMA: Much Polar Survival Equipment and Gear Fall Short. *Cruise Industry News*.

23 October 2018. Available from: <https://www.cruiseindustrynews.com/cruise-news/19806-nma-much-polar-survival-equipment-and-gear-fall-short.html> The Norwegian Maritime Authority (NMA) has reported that much of the survival gear and equipment on the market is not good enough to enable people to survive for five days in the Arctic as stipulated by the Polar Code in case they have to abandon ship.

MARITIME SECURITY

12 IACS recommendations on cyber safety mark step change in delivery of cyber resilient ships. *International Association of Classification Societies (IACS)*. 27 September 2018.

Available from: <http://www.iacs.org.uk/news/12-iacs-recommendations-on-cyber-safety-mark-step-change-in-delivery-of-cyber-resilient-ships/> IACS has today published 9 (nine) of its 12 (twelve) recommendations on cyber safety with the aim of enabling the delivery of cyber resilient ships whose resilience can be maintained throughout their working lives.

Frontex marks two years as the European Border and Coast Guard Agency. *FRONTEX European Border and Coast Guard Agency*. 6 October 2018. Available from:

<https://frontex.europa.eu/media-centre/news-release/frontex-marks-two-years-as-the-european-border-and-coast-guard-agency-ECWley> This week Frontex marks its two-year anniversary as the European Border and Coast Guard Agency.

Deploying drones for maritime security. By Sulaimon Salau. *Guardian (Nigeria)*.

10 October 2018. Available from: <https://guardian.ng/business-services/deploying-drones-for-maritime-security/> As the development of drone technology gathers momentum, and gets attention of the global maritime space, Nigeria is expected to join the pace which would help save billions of naira that could have been spent on physical combats.

National Cybersecurity Awareness Month - Fortifying the U.S. cyber protection and response posture. By Brandon Link and Kevin Kuhn. *US Coast Guard Maritime Commons*.

12 October 2018. Available from: <https://bit.ly/2P0nRSs> As one of the lead agencies tasked with ensuring the safety and security of the Marine Transportation System (MTS) and maritime critical infrastructure and key resources, the Coast Guard has invested heavily in cyber risk management efforts.

Kongsberg Digital and KPMG launch new complete cybersecurity partnership for the maritime industry. *Port News*. 15 October 2018. Available from: <http://portnews.ru/news/266005/>

Kongsberg and KPMG will help maritime companies make a safe and secure transition to the new connected digital market.

Maritime terrorism a global menace: Admiral Sunil Lanba. *Times of India*. 17 October 2018.

Available from: <https://timesofindia.indiatimes.com/city/goa/maritime-terrorism-a-global-menace-lanba/articleshow/66252804.cms> The naval chief, who was addressing the Goa Maritime Symposium being held at the Naval War College in Verem, said that along with conventional maritime threats, unconventional and non-traditional threats were also keeping "maritime forces constantly engaged".

Survey: Two-Thirds of U.S. Maritime Firms Unready for Cyberattack. *Maritime Executive*.

24 October 2018. Available from: <https://www.maritime-executive.com/article/survey-two-thirds-of-u-s-maritime-firms-unready-for-cyberattack> Maritime law firm Jones Walker has released a new, comprehensive survey of cybersecurity preparedness at American maritime companies.

Record-low hijackings yet danger persists in Gulf of Guinea, shows latest global piracy report. *International Chamber of Commerce (ICC)*. 29 October 2018. Available from:

<https://iccwbo.org/media-wall/news-speeches/record-low-hijackings-yet-danger-persists-gulf-guinea-shows-latest-global-piracy-report/> The 2018 figure is broken down as 107 vessels boarded, 32 attempted attacks, 13 vessels fired upon and four vessels hijacked—although no vessels were reported as hijacked in the third quarter of 2018.

11 seafarers kidnapped from ship chartered to Maersk Line in Nigeria. By Niklas Krigslund. *ShippingWatch*. 30 October 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10971516.ece> Pirates in Nigeria have attacked a ship owned by Peter Döhle Schiffahrts and chartered out to Maersk Line have taken 11 seafarers hostage, reports news agency Reuters, citing Polish media.

Shipping warned of imminent Abu Sayyaf strike. By Jason Jiang. *Splash 247.com*. 30 October 2018. Available from: <https://splash247.com/shipping-warned-of-imminent-abu-sayyaf-strike/> ReCAAP, the Asian piracy watchdog, has issued a warning of potential attacks on ships in and around Philippine waters.

MIGRANTS

Nearly 700 migrants rescued off Spain over the weekend. *France 24*. 30 September 2018. Available from: <https://www.france24.com/en/20180930-nearly-700-migrants-rescued-off-spain-over-weekend> A total of 675 migrants, including children and babies, were rescued off the Spanish coast over the weekend, a government spokesman told AFP.

Mediterranean migrant arrivals reach 82,100 in 2018; Deaths reach 1,741. *International Organization for Migration (IOM)*. 2 October 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-82100-2018-deaths-reach-1741> IOM reports that 82,100 migrants and refugees entered Europe by sea in 2018 through 30 September, with 36,654 to Spain, the leading destination this year.

34 migrants drown in Mediterranean shipwreck, 26 survivors: U.N. By Stephanie Nebehay, Zakia Abdennebi, and Ahmed Eljehtimi. *Reuters*. 2 October 2018. Available from: <https://www.reuters.com/article/us-europe-migrants-morocco-un/34-migrants-drown-in-mediterranean-shipwreck-26-survivors-u-n-idUSKCN1MC18A> At least 34 migrants have died in a shipwreck in the western Mediterranean, which 26 people survived, the U.N. migration agency said on Tuesday, citing the Moroccan navy and a Spanish aid agency.

Mediterranean migrant arrivals reach 86,436 in 2018; Deaths reach 1,783. *International Organization for Migration (IOM)*. 9 October 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-86436-2018-deaths-reach-1783> IOM reports that 86,436 migrants and refugees entered Europe by sea in 2018 through 7 October, with 39,445 to Spain, the leading destination this year.

UNHCR and IOM appeal to European leaders to tackle Mediterranean deaths. *International Organization for Migration (IOM)*. 17 October 2018. Available from: <http://www.iom.int/news/unhcr-and-iom-appeal-european-leaders-tackle-mediterranean-deaths> Ahead of this week's meeting of European Union (EU) Heads of State and Government, UNHCR, the UN Refugee Agency, and IOM are together appealing to European leaders to urgently take steps to address this year's record rate of drownings on the Mediterranean Sea.

Mediterranean Migrant Arrivals Reach 91,093 in 2018; Deaths Reach 1,852. *International Organization for Migration (IOM)*. 19 October 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-91093-2018-deaths-reach-1852> IOM reports that 91,093 migrants and refugees entered Europe by sea in 2018 through 17 October, with 42,494 to Spain, the leading destination this year.

Mediterranean Migrant Arrivals Reach 94,676 in 2018; Deaths Reach 1,857. *International Organization for Migration (IOM)*. 23 October 2018. Available from: <http://www.iom.int/news/mediterranean-migrant-arrivals-reach-94676-2018-deaths-reach-1857> IOM reports that 94,676 migrants and refugees entered Europe by sea in 2018 through 21 October, with 45,145 to Spain, the leading destination this year.

Migrant Deaths in Western Mediterranean This Year Double Those Recorded in 2017.

International Organization for Migration (IOM). 26 October 2018. Available from:

<http://www.iom.int/news/migrant-deaths-western-mediterranean-year-double-those-recorded-2017-un-migration-agency>

IOM's Missing Migrants Project team, based at IOM's Global Migration Data Analysis Centre in Berlin, has confirmed that two migrant boats were lost in the Alboran Sea in late August and early September and at least 113 people lost their lives.

Mediterranean Migrant Arrivals Reach 95,909 in 2018; Deaths Reach 1,969.

International Organization for Migration (IOM). 26 October 2018. Available from:

<http://www.iom.int/news/mediterranean-migrant-arrivals-reach-95909-2018-deaths-reach-1969>

IOM reports that 95,909 migrants and refugees entered Europe by sea in 2018 through 24 October, with 45,976 to Spain, the leading destination this year.

NAVIGATION & COMMUNICATIONS

Governments should act on cabotage study, says Nautilus. *Nautilus International*.

26 September 2018. Available from: <https://www.nautilusint.org/en/news-insight/news/governments-should-act-on-cabotage-study-says-nautilus/>

Nautilus has urged governments to act on the findings of a major new study which shows that more than 90 countries around the world have cabotage laws to restrict foreign maritime activities in their domestic coastal trades.

NYK introduces advanced, next-generation Ship's Bridge to improve navigation and reduce marine accidents. *NYK Line*. 27 September 2018. Available from:

https://www.nyk.com/english/news/2018/1191560_1687.html NYK has completed a new concept for a ship's bridge and employed it on a large containership currently being managed by the NYK Group.

Maersk concludes trial passage of Northern Sea Route. *Maersk*. 28 September 2018.

Available from: <https://www.maersk.com/news/2018/09/28/maersk-concludes-trial-passage-of-northern-sea-route> Container vessel *Venta Maersk* has successfully passed through the Northern Sea Route, conducting a one-off trial passage.

Autonomous Navigation. Challenges and opportunities on board Masterless vessels.

KPMG Malta. 1 October 2018. Available from:

<https://home.kpmg.com/mt/en/home/insights/2018/09/autonomous-navigation-challenges-and-opportunities-on-board-masterless-vessels.html>

Challenges, whether legislative, sociological or technological, form part of our daily work routine.

'Unsafe' Incident between US and Chinese warships during FONOP. *By Steven Stashwick.*

The Diplomat. 2 October 2018. Available from: <https://thediplomat.com/2018/10/unsafe-incident-between-us-and-chinese-warships-during-fonop/>

A U.S. Arleigh Burke-class destroyer had an "unsafe" and "unprofessional" interaction with a Chinese warship during a Freedom of Navigation Operation (FONOP) in the South China Sea on Sunday.

New tanker rules lead to Bosphorus blockages. *By Gary Dixon.* *TradeWinds*. 4 October 2018.

Available from: <http://www.tradewindsnews.com/tankers/1598705/new-tanker-rules-lead-to-bosphorus-blockages> New rules for tankers in the Turkish Straits have led to increased delays that are likely to worsen in winter.

Liberia to setup cargo tracking system at all seaports of entry. *By Edwin G. Genoway.*

Front Page Africa (Liberia). 4 October 2018. Available from:

<https://frontpageafricaonline.com/business/economy/liberia-to-setup-cargo-tracking-system-at-all-seaports-of-entry/>

The Liberian government, through the National Port Authority (NPA), has disclosed the establishment of a tracking system at all seaports of entrances in Liberia to trace goods entering and leaving the country.

Solo bridge manning contributes to grounding. *Safety4Sea*. 8 October 2018. Available from: <https://safety4sea.com/solo-bridge-manning-contributes-to-grounding/> Transport Malta's Marine Safety Investigation Unit (MSIU) issued an investigation report into the grounding of the Maltese registered bulk carrier 'Marbella' on North Reef, Paracel Islands, on 28 September 2017.

Nigeria moves to produce nautical charts of maritime domain. By Precious Igbonwelundu, Chisom Anyanwu, and Yewande Fasan. *The Nation (Nigeria)*. 15 October 2018. Available from: <http://thenationonlineng.net/nigeria-moves-to-produce-nautical-charts-of-maritime-domain/> Plans are underway for the nation to commence in-house nautical charting of her waterways.

Russian officials update maps of radioactive debris sunk in Arctic. By Charles Digges. *Bellona Foundation*. 15 October 2018. Available from: <http://bellona.org/news/nuclear-issues/2018-10-russian-officials-update-maps-of-radioactive-debris-sunk-in-arctic> Russian scientists have said that radioactive waste sunk in the Arctic by the Soviet Navy has not leaked any contamination, but have urged Moscow to continue funding observation of the underwater nuclear wrecks.

Hapag Lloyd deploys e-navigation across container ship fleet. By Martyn Wingrove. *Maritime Digitalisation & Communications*. 15 October 2018. Available from: http://www.marinemec.com/news/view,hapag-lloyd-deploys-enavigation-across-container-ship-fleet_54555.htm A leading container shipping group is upgrading its electronic chart systems across its fleet to improve navigational safety.

PIRACY

ReCAAP: Piracy hits decadal lows in Asia. *Maritime Executive*. 12 October 2018. Available from: <https://www.maritime-executive.com/article/recaap-piracy-hits-decadal-lows-in-asia> Piracy in Asia has fallen to decadal lows, according to the latest numbers from regional reporting center ReCAAP.

Nigeria loses \$6bn freight cost yearly to maritime piracy. By Eromosele Abiodun. *This Day (Nigeria)*. 17 October 2018. Available from: <https://www.thisdaylive.com/index.php/2018/10/17/nigeria-loses-6bn-freight-cost-yearly-to-maritime-piracy/> The federal government is losing \$6 billion on freight cost yearly to piracy in Nigerian waters, the Secretary to the Government of the Federation (SGF), Mr Boss Mustapha, has disclosed.

Golden Ocean capesize fights off pirate attack. By Gary Dixon. *TradeWinds*. 22 October 2018. Available from: <https://www.tradewindsnews.com/drycargo/1612576/golden-ocean-capesize-fights-off-pirate-attack> A private security team has helped thwart a piracy attack on a Golden Ocean bulker off Somalia.

Pirate whaler seized and destroyed by EU NAVFOR. *EU NAVFOR Somalia*. 28 October 2018. Available from: <http://eunavfor.eu/pirate-whaler-seized-and-destroyed-by-eu-navfor/> In the morning of Sunday 28th October 2018, EU NAVFOR military personnel seized an active Pirate Action Group (PAG) whaler and destroyed it.

PORT STATE CONTROL

Foreign flagged ships detained in the UK during September 2018. *UK Maritime & Coastguard Agency.* 11 October 2018. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-september-2018> During September, there were two new detentions of foreign flagged vessels in a UK port, three vessels remained under detention from previous months.

Updates to BIMCO and Paris MOU's inspection guide. By Mette Kronholm Fraende. *BIMCO.* 23 October 2018. Available from: <https://www.bimco.org/news/priority-news/20181023-paris-mous-inspection-guide> The pamphlet can be downloaded for free and serves as an easy at hand guidance offering a quick introduction to how to prepare for inspections by Port state Control Officers.

M/V "CERENCAN" - IMO 7644130 refused access to the Paris MoU region. *Paris MoU on Port State Control.* 26 October 2018. Available from: <https://www.parismou.org/mv-%E2%80%9Ccerencan%E2%80%9D-imo-7644130-refused-access-paris-mou-region> The above named vessel was detained in port Azov (Russian Federation) on 13 October 2018.

PORTS & HARBOURS

Port of Long Beach joins World Ports Climate Action Program. *Port of Long Beach.* 28 September 2018. Available from: <http://polb.com/news/displaynews.asp?NewsID=1767&TargetID=1> The Port of Long Beach and six other international seaports recognized for advancing innovative environmental initiatives are combining forces to launch the "World Ports Climate Action Program."

Are women playing enough roles in Nigeria's shipping sector? By Oluwatoyin Amao. *Ships & Ports.* 1 October 2018. Available from: <http://shipsandports.com.ng/women-playing-enough-roles-nigerias-shipping-sector/> Shipping has historically been a male-dominated industry and that way of doing things in the industry has a long and deep tradition.


FAL's keeping ports in mind. By Rachael White. *Port Strategy.* 1 October 2018. Available from: <https://www.portstrategy.com/news101/insight-and-opinion/the-regulator/fals-keeping-ports-in-mind> Recent and upcoming rules from MEPC and MSC, from greenhouse gas emission reductions to handling of ships' ballast water and waste, reducing sulphur levels in marine fuels, verifying the weight of laden containers, ships' mooring and safety aspects of shore power, among others, have an impact well beyond the shipping industry itself.

Cleaner shipping fuel regulation presents opportunities for Middle East ports. By Dave Ernsberger. *Gulf Times (Qatar).* 3 October 2018. Available from: <https://www.gulf-times.com/story/608137> The change will be immense for the shipping, refining and trading industry but could also present opportunities for Middle East ports who have invested in cutting edge infrastructure.

Sustainable bunkering in the Port of Singapore. *Maritime and Port Authority of Singapore (MPA).* 3 October 2018. Available from: <https://bit.ly/2NhVVDZ> The Port of Singapore continues to gear up for future needs of the bunker industry.

The Port of Rotterdam Authority tests autonomous navigation with a floating lab. *Port of Rotterdam.* 4 October 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/the-port-of-rotterdam-authority-tests-autonomous-navigation-with-a-floating> It is not a question of whether but when autonomous navigation will be introduced.

Shell and Sovcomflot LNG bunkering in Rotterdam marks number of firsts. *Port of Rotterdam.* 4 October 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/shell-and-sovcomflot-lng-bunkering-in-rotterdam-marks-number-of-firsts> The fuelling of the *Gagarin Prospect* with LNG is the first operation under the LNG fuel supply agreement between Shell and Sovcomflot signed in 2017.

Economic value of UK ports industry highlighted in a series of info graphics ahead of this year's British Ports Association Annual Conference. *British Ports Association.* 5 October 2018. Available from: <https://www.britishports.org.uk/news/economic-value-of-uk-ports-industry-highlighted-in-a-series-of-info-graphics-ahead-of-this> The British Ports Association have produced a series of promotional info graphics which highlight the importance of ports to the UK's economy. [Infographic](#) 

ExxonMobil IMO 2020 talking points : 01 - Port of Hamburg. *Ship & Bunker.* 9 October 2018. Available from: <https://shipandbunker.com/news/world/167314-exxonmobil-imo-2020-talking-points-01-port-of-hamburg-video>  With little more than 12 months until the IMO 0.50% sulphur regulation comes into force, ExxonMobil is bringing the industry together.


Port Reception Facilities vote: Parliament strengthens 'polluter pays' principle for ship waste management. *European Sea Ports Organisation (ESPO).* 9 October 2018. Available from: <https://www.espo.be/news/port-reception-facilities-vote-parliament-strength> The Transport Committee of the European Parliament adopted today the Meissner report on the Port Reception Facilities and gave a mandate to the Rapporteur to start negotiations with the Council to finalise the text of the new law.

Construction of new terminal at the Port of Gothenburg has started. *Port of Gothenburg.* 11 October 2018. Available from: <https://www.portofgothenburg.com/news-room/press-releases/construction-of-new-terminal-at-the-port-of-gothenburg-has-started/> After years of planning and preparation, construction of an entirely new terminal in the outer area of the Port of Gothenburg has started.

Appointment of New Chief Executive at the Maritime and Port Authority of Singapore. *Government of Singapore.* 15 October 2018. Available from: <https://bit.ly/2AFkffV> Ms Quah Ley Hoon will be appointed as the Chief Executive of the Maritime and Port Authority of Singapore (MPA) with effect from 1 January 2019.

Port of Cape Town mulls helicopter pilot transfer in difficult sea conditions. *By Marcus Hand. Seatrade Maritime News.* 15 October 2018. Available from: <https://bit.ly/2QbmBst> Having been plagued recently with weather disruption and high swell conditions at Cape Town the Transnet National Ports Authority (TNPA) is exploring the use of helicopter transfer of pilots to increase capability.

European Maritime Single Window: Port community advocates the continuation of Port Community Systems. *Port of Rotterdam.* 17 October 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/european-maritime-single-window-port-community-advocates-the-continuation-of> The EMSWe Regulation as proposed by European Commission is intended to reduce the amount of time that ships spend on reporting procedures during European port calls (1-3 hours per call).

'Just-in-time' sailing saves hundreds of thousands of tonnes of CO2. *Port of Rotterdam.* 18 October 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/just-in-time-sailing-saves-hundreds-of-thousands-of-tonnes-of-co2>  If sea-going vessels are regularly kept informed - particularly during the last twelve hours before arrival - about exactly when their berth will become available, they will be able to adapt their sailing speed accordingly.

ESPO publishes Environmental Report 2018 - Top 10 Environmental Priorities. *European Sea Ports Organisation (ESPO)*. 18 October 2018. Available from: <https://www.espo.be/news/espo-publishes-environmental-report-2018-top-10-en> ESPO presented yesterday its annual Environmental Report for 2018 at the GreenPort Congress in Valencia. [Report](#) 

Zero carbon at sea? Rotterdam port eyes a greener future. *By Isabelle Gerretsen. Reuters.* 23 October 2018. Available from: <https://reut.rs/2RtJpUe> In Rotterdam, ships from around the world cruise in and out of Europe's busiest port, a bustling industrial hub that employs almost 200,000 people and produces 20 percent of the Netherlands' climate-changing gases.

Roundtable of Port Organisations to pool resources and prioritise efforts on meeting IMO regulations on safety, environment and operations. *World Ports Sustainability Program (WPSP)*. 25 October 2018. Available from: <https://bit.ly/2PD11jp> At a recent meeting in London at the Baltic Exchange, heads of the world's leading associations for the world port community met to establish a Roundtable with view to establishing a stronger, unified voice of the port sector in the maritime industry as a whole.

Groundbreaking for onshore power supply plant: Kiel provides emission-free berthing for ships during port stay. *By Ulf Jahnke. Port of Kiel.* 25 October 2018. Available from: <https://www.portofkiel.com/news-reader-en/first-cut-of-the-spade-ceremony-for-norwegenkais-onshore-power-supply-plant.html> The construction of the first onshore power supply plant for commercial vessels in the port of Kiel has begun.

REGULATIONS

Maersk opposes sulphur cap review proposal. *By Anastassios Adamopoulos. Lloyd's List.* 28 September 2018. Available from: <https://lloydlist.maritimeintelligence.informa.com/LL1124408> MAERSK says a proposal to potentially review the 0.5% sulphur cap is "unnecessarily confusing" and "extremely poorly timed", adding that having a level playing field through the enforcement of the cap is its biggest concern ahead of 2020.

Maritime CEO Forum: Sulphur cap like playing poker blind with half the cards. *By Sam Chambers. Splash 247.com.* 3 October 2018. Available from: <https://splash247.com/maritime-ceo-forum-sulphur-cap-like-playing-poker-blind-with-half-the-cards/> "Playing poker blind with half the cards," was how moderator Thomas Söderberg, the founder of Tribini Capital, introduced the choices facing owners with the global sulphur cap less than 15 Months' away.

Interview: Compliance with IMO 2020 rule to be high despite concerns - consultant. *By Surabhi Sahu. S&P Global Platts.* 3 October 2018. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/100318-interview-compliance-with-imo-2020-rule-to-be-high-despite-concerns-consultant> Compliance with the International Maritime Organization's global sulfur limit for marine fuels will likely settle around 90% in the initial years after 2020 as most shipowners switch to 0.5% sulfur bunker fuels to meet the rule, a bunker industry veteran and senior partner at 2020 Marine Energy Adrian Tolson said Tuesday.

Container shipping giant CMA CGM says will cost about \$2b to comply with green shipping rule. *By Tan Hwee Hwee. Straits Times.* 3 October 2018. Available from: <https://www.straitstimes.com/business/companies-markets/container-shipping-giant-cma-cgm-says-will-cost-about-2b-to-comply-with> France-based box ship giant CMA CGM, which took over Singapore's Neptune Orient Lines (NOL), estimates it would incur about US\$1.5 billion (S\$2.06 billion) to comply with a green shipping regulation that will cap sulphur content in marine fuels.

IMO2020: New rules will cause a "Second Round" of slow steaming, says APL. *Ship & Bunker.* 3 October 2018. Available from: <https://shipandbunker.com/news/world/542127-imo-2020-new-rules-will-cause-a-second-round-of-slow-steaming-says-apl> The "IMO 2020" global 0.50% sulfur cap on marine fuel will cost the Shipping industry \$60 billion per year, Nicolas Sartini, Chief Executive Officer, APL, said in his Keynote speech at SIBCON today.

Drewry survey: IMO 2020 low-sulphur rule exposes widespread concern about lack of fuel cost transparency. *Drewry Shipping Consultants.* 2 October 2018. Available from: <https://www.drewry.co.uk/news/drewry-survey-imo-2020-low-sulphur-rule-exposes-widespread-concern-about-lack-of-fuel-cost-transparency> There is considerable unease among global shippers/BCOs (Beneficial Cargo Owners) and freight forwarders ahead of the IMO's 2020 global emissions regulations, due to come into force on 1 January 2020, according to a survey conducted by global shipping consultancy Drewry.

Do not wait too long before installing BWM systems. *Gard.* 2 October 2018. Available from: <http://www.gard.no/web/updates/content/26329761/do-not-wait-too-long-before-installing-bwm-systems> In a press release dated 28 September 2018, ClassNK advises existing ships to install ballast water management (BWM) systems early on.

Ballast Water Management & Technology North America conference - Recap of presentation "Walking the Walk" on enforcement and compliance. *US Coast Guard Maritime Commons.* 2 October 2018. Available from: <http://mariners.coastguard.dodlive.mil/2018/10/02/10-2-2018-ballast-water-technology-north-america-conference-recap-of-presentation-walking-the-walk-on-enforcement-and-compliance/> Staff from the offices of Commercial Vessel Compliance, Operating and Environmental Standards, and the Marine Safety Center presented on various aspects of the Coast Guard's ballast water management program before an audience of over 140 maritime industry professionals at the Ballast Water Management and Technology North America conference in Fort Lauderdale, Fla., Sept. 25-27, 2018.

Class societies criticised over sulphur cap silence. *By Anastassios Adamopoulos.* *Lloyd's List.* 2 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124459/Class-societies-criticised-over-sulphur-cap-silence> Shipowners have criticised classification societies for staying silent amid the complications of preparing for the introduction of the 0.5% sulphur cap in 2020.

Intercargo says sulphur cap approach flawed. *By Anastassios Adamopoulos.* *Lloyd's List.* 2 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124460> Regulators incorrectly approached the formation of the 2020 0.5% sulphur cap, leading to the current uncertainties around compliant fuel availability and safety, according to dry bulk shipowners' association Intercargo.

ExxonMobil seeks to reassure shipowners on 2020 compliant low sulphur fuels. *By Marcus Hand.* *Seatrade Maritime News.* 4 October 2018. Available from: <http://www.seatrade-maritime.com/news/europe/exxonmobil-seeks-to-reassure-shipowners-on-2020-compliant-low-sulphur-fuels.html> ExxonMobil's 2020 compliant 0.5% sulphur fuels range from RMD80 to RMG380 with a density of between 900 and 970 at 15 degrees Celsius, and catalytic fine content meeting ISO 8217:2017 parameters.

Habben Jansen: No carriers can cover extra costs from sulfur cap themselves. *By Ritzau Finans.* *ShippingWatch.* 5 October 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10918421.ece> Customers will pay the bill when the container industry starts sailing on cleaner fuel, says Rolf Habben Jansen, CEO of German liner major Hapag-Lloyd.

Customers must carry cost of IMO 2020, says Niels G Stolt-Nielsen. By Andy Pierce.

TradeWinds. 4 October 2018. Available from:

<http://www.tradewindsnews.com/tankers/1599054/customers-must-carry-cost-of-imo-2020-says-niels-g-stolt-nielsen/> Shipowners face bankruptcy if customers do not soak up the additional fuel costs created by new emissions laws arriving in 2020, warns Niels G. Stolt-Nielsen.

The incoming IMO sulphur cap means plot for the future and clean those fuel tanks.

Handy Shipping Guide. 8 October 2018. Available from:

http://www.handyshippingguide.com/shipping-news/the-incoming-imo-sulphur-cap-means-plot-for-the-future-and-clean-those-fuel-tanks_9433

The IMO's Marine Environment Protection Committee (MEPC) will discuss proposals from Norway at their 73rd session in October covering implementation plans for ships to be developed according to agreed IMO guidance, and robust enough to ensure compliance by the due date.

Trident Alliance calls for adoption without delay of IMO Carriage ban for fuel with sulphur content over 0.5%. Trident Alliance. 4 October 2018. Available from:

<http://www.tridentalliance.org/news/> The Trident Alliance believes robust and effective enforcement is vital if the full health and environmental benefits of the 2020 sulphur cap are to be achieved while also preserving fair competition.

Nicholas Sartini, APL, on 2020 global sulphur cap: "It comes with a cost". By Lili Nguyen.

Knect365 Maritime. 3 October 2018. Available from:

<https://knect365.com/shipping/article/a779c050-0863-49cc-9539-d7c193b41f1d/nicholas-sartini-apl-on-2020-global-sulphur-cap-it-comes-with-a-cost> At this year's Global Liner Shipping & Shipping2030 Asia, we gathered some of the most prominent thought leaders, and asked them to share their views on the hottest topics in shipping and maritime.

IMO 2020. COSCO SHIPPING Lines Co., Ltd. 9 October 2018. Available from:

<http://lines.coscoshipping.com/home/News/detail/15390645284078289966/50000000000000231> According to the resolution of the 72nd session of MEPC of the International Maritime Organization (IMO), the 0.50% limit on sulphur in fuel oil on board ships will come into effect on 1 January 2020.

A practical overview of the IMO 2020 sulphur cap. By Beth Bradley, Benjamin Bryant, and Ioanna Tsekoura. Clyde & Co LLP. 10 October 2018. Available from:

<https://www.clydeco.com/insight/article/a-practical-overview-of-the-imo-2020-sulphur-cap> With less than eighteen months before Regulation 14.1.3 of Annex VI of the MARPOL Convention comes into effect, there are still numerous challenges surrounding compliance and enforcement, which have cast uncertainty over the effect that the Regulation will have on the international maritime industry, and on individual shipping companies.

Traders say U.S. to be big winner of new IMO shipping rules. By Julia Payne and Dmitry Zhdannikov. Reuters. 10 October 2018. Available from:

<https://www.reuters.com/article/us-oil-conference-imo/traders-say-u-s-to-be-big-winner-of-new-imo-shipping-rules-idUSKCN1MK1QL>

The United States is set to be the big winner from new marine fuel rules, trading house Gunvor Group predicted on Wednesday, while rival merchants said the world would not face a shortage of distillates as a result of new rules to cut pollution.

Ballast Water Management & Technology North America conference - Recap of presentation on extensions, type approval and next steps. US Coast Guard Maritime Commons.

11 October 2018. Available from: <https://bit.ly/2yLmpsz> Ms. Regina Bergner and Mr. Matthew Reudelhuber with the Office of Operating and Environmental Standards, and Lt. Jacob Baldassini with the Marine Safety Center, each presented on various elements of the Coast Guard's ballast water program during a panel session at the Ballast Water Management and Technology North America conference, held in Fort Lauderdale, Sept. 25-27, 2018.

Is the passenger transport sector seeing 2020 clearly? By Rebecca Moore. *Passenger Ship Technology*. 11 October 2018. Available from: https://www.passengership.info/news/view.is-the-passenger-transport-sector-seeing-2020-clearly_54532.htm Come 1 January 2020 all ships will need to reduce their sulphur emissions by more than 80% at a minimum from a maximum of 3.5% sulphur to 0.5%.

IMO 2020 could dent uptake of European 2019 fuel oil contracts. By Eleni Pittalis. *S&P Global Platts*. 17 October 2018. Available from: <https://bit.ly/2OhyScX> Discussions on European 2019 high sulfur and low sulfur fuel oil tenders are well under way, but some traders have reservations about being locked into the 2019 contracts due to the potential exposure to price volatility in the lead up to the implementation of the 0.5% global marine sulfur cap.

BIMCO president blasts ill-judged regulations. By Nigel Lowry. *Lloyd's List*. 17 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124646/BIMCO-president-blasts-illjudged-regulations> Shipowners' organisations have been urged to wrest back some measure of influence over the debate on environmental regulations.

Trump moves to ease sulphur cap implementation date. By Sam Chambers. *Splash 247.com*. 19 October 2018. Available from: <https://splash247.com/trump-moves-to-ease-sulphur-cap-implementation-date/> President Donald Trump is reportedly looking to ease the phase-in of the IMO-mandated sulphur cap, worried that the global launch date could spark oil price hikes during an election cycle.

Effective enforcement needed to fulfil Marpol Annex IV. *Marine Propulsion & Auxiliary Machinery*. 18 October 2018. Available from: https://www.mpropulsion.com/news/view/effective-enforcement-needed-to-fulfil-marpol-annex-iv_55596.htm IMO's Marpol Annex IV Convention, which was developed in the 1970s and ratified in 2003, targets the 'Prevention of pollution by sewage from ships'.

China adopts IMO's ballast water regulations. By Søren Pico. *ShippingWatch*. 26 October 2018. Available from: <https://shippingwatch.com/secure/carriers/article10964854.ece> Countries equivalent to four fifths of the global fleet have now ratified the Ballast Water Management Convention. Most recently China has voiced its support.

IMO 2020: Gibson Sees Scrubber Sceptics Coming Under Pressure. *Ship & Bunker*. 25 October 2018. Available from: <https://shipandbunker.com/news/world/422640-imo-2020-gibson-sees-scrubber-sceptics-coming-under-pressure> Scrubber sceptics could find themselves under pressure to buy into the technology or risk finding themselves at a severe disadvantage in the post-2020 market.

UPDATE 1 - U.S. seeks 'pragmatic' approach to new marine fuel standards. By Stephanie Kelly. *Reuters*. 25 October 2018. Available from: <https://reut.rs/2Ry9ou3> The United States is looking for a "pragmatic" approach to the implementation of new marine fuel emission rules that go into effect in 2020, a U.S. Coast Guard official said on Thursday.

2020 sulphur cap enters final stretch. By Anastassios Adamopoulos. *Lloyd's List*. 26 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124822/2020-sulphur-cap-enters-final-stretch> The International Maritime Organization is shutting down concerns over potential changes of the sulphur cap's implementation date.

IMO adopts 2020 sulphur cap fuel carriage ban. By Anastassios Adamopoulos. *Lloyd's List*. 26 October 2018. Available from: <https://loydslist.maritimeintelligence.informa.com/LL1124817/IMO-adopts-2020-sulphur-cap-fuel-carriage-ban> The International Maritime Organization has officially adopted a ban on the carriage for use of non-compliant fuels on vessels without scrubbers beginning on March 1, 2020 in a bid to bolster implementation of the 2020 sulphur cap.

Winners and losers from a sea change in oil. By Liam Denning. *Bloomberg*. 29 October 2018. Available from: <https://www.bloomberg.com/opinion/articles/2018-10-29/imo-emissions-rules-winners-and-losers-from-a-sea-change-in-oil> Despite efforts by the Trump administration to turn it, a supertanker is bearing down on drivers, oil majors, and even Amazon.com Inc.

SALVAGE

First attempts to extract ro-pax fail. By Gary Dixon. *TradeWinds*. 11 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1605316/first-attempts-to-extract-ro-pax-fail> Initial efforts to separate two vessels that collided off Corsica have failed.

Ro-pax extracted from hull of CSL boxship. By Gary Dixon. *TradeWinds*. 12 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1605809/ro-pax-extracted-from-hull-of-csl-boxship> French authorities have succeeded in separating a Cotunav ro-pax from the hull of an anchored boxship following Sunday's collision off Corsica.

SEAFARERS

PH complying with EMSA standards for seafarers. By Emmie V. Abadilla. *Manila Bulletin*. 1 October 2018. Available from: <https://business.mb.com.ph/2018/10/01/ph-complying-with-emsa-standards-for-seafarers/> The Philippines is complying with the observations of the European Maritime Safety Agency (EMSA) to attain world-class standard for its seafarers.

Bad internet on board is bad for your bottom line. By Martyn Wingrove. *Maritime Digitalisation & Communications*. 3 October 2018. Available from: http://www.marinemec.com/news/view_bad-internet-on-board-is-bad-for-your-bottom-line_54421.htm Shipowners who neglect to improve onboard connectivity are risking lower productivity and higher staff turnover, says Martyn Wingrove.

Good nutrition at Sea: The ultimate tool for both health and safety. *Hellenic Shipping News*. 3 October 2018. Available from: <https://www.hellenicshippingnews.com/good-nutrition-at-sea-the-ultimate-tool-for-both-health-and-safety/> You are what you eat, the saying goes - and the drive for healthy eating is just as important at sea as it is ashore.

New app upgrade promises smartphone friendly service for seafarers. By Adam Foster. *ShipInsight*. 4 October 2018. Available from: <https://shipinsight.com/articles/new-app-upgrade-promises-smartphone-friendly-service-for-seafarers> Norway-based Adonis AS has announced details of a new version of its Adonis Personnel Portal.

India must reform maritime training to raise its seafarers supply as part of sustainability goals. *Hellenic Shipping News*. 5 October 2018. Available from: <https://www.hellenicshippingnews.com/india-must-reform-maritime-training-to-raise-its-seafarers-supply-as-part-of-sustainability-goals/> India's Maritime Administration must initiate major regulatory reforms for maritime training and education sector to calibrate its sea-faring supply side mechanism as countries with smaller population has out-stripped India in the supply of seafarers and marine officers.

Guidelines for women seafarers employment launched by International Women Seafarer Foundation. *Asian News International (ANI)*. 6 October 2018. Available from:

<https://www.aninews.in/news/business/business/guidelines-for-women-seafarers-employment-launched-by-international-women-seafarer-foundation201810061629000011/> The policy guidelines for women seafarers employment made by IWSF was released across the world for the first time ever by DG shipping Dr. Malini V. Shankar, IAS, Director General of Shipping and Secretary to Government of India at "Vision Connect – Mumbai 2018."

21 Filipino sailors stranded in India. *World Maritime News*. 8 October 2018. Available from: <https://worldmaritimeneeds.com/archives/262059/> DFA added that it has directed the Philippine Embassy in New Delhi to assist the abandoned seafarers.

Mission to Seafarers: There will always be bad owners. *Splash 247.com*. 8 October 2018. Available from: <https://splash247.com/mission-to-seafarers-there-will-always-be-bad-owners/> While the general picture about seafarer happiness might be better than two years ago at the nadir of the markets, there will always be bad shipowners out there, according to the secretary general of charity Mission to Seafarers.

Philippines officials seek to reassure on EMSA audit compliance, but have they done enough? By Marcus Hand. *Seatrade Maritime News*. 9 October 2018. Available from: <http://www.seatrade-maritime.com/news/asia/philippines-officials-seek-to-reassure-on-emsa-audit-compliance-but-have-they-done-enough.html> Failure to demonstrate compliance with standards of certification for the STCW Convention could result in Filipino officers being barred from serving on some 10,000 EU-registered vessels.

Synergy Group launches nine-language helpline to reduce seafarer suicides and boost wellness at sea. *Hellenic Shipping News*. 9 October 2018. Available from: <https://www.hellenicshippingnews.com/synergy-group-launches-nine-language-helpline-to-reduce-seafarer-suicides-and-boost-wellness-at-sea/> Synergy Group has launched a new counselling service aimed at improving mental health support for sea and shore-based maritime personnel.


ITF Seafarers' Trust: Crew don't necessarily feel the uptick in the markets. *Splash 247.com*. 11 October 2018. Available from: <https://splash247.com/itf-seafarers-trust-crew-dont-necessarily-feel-the-uptick-in-the-markets/> Following on from Monday's interview with the head of the Mission to Seafarers, Maritime CEO continues in a similar vein, getting the viewpoint from the recently installed head of the ITF Seafarers' Trust.

Southampton Seafarers' Centre celebrates first anniversary. *Sailors' Society*. 11 October 2018. Available from: <https://www.sailors-society.org/about-us/press-room/centres-first-birthday/> International maritime charity Sailors' Society will celebrate the first anniversary of its Southampton Seafarers' Centre at 108 East Street this Saturday (October 13).

Nigeria's seafarers training: A vision at cross-roads. By Paul Ogbuokiri. *New Telegraph (Nigeria)*. 14 October 2018. Available from: <https://newtelegraphonline.com/2018/10/nigerias-seafarers-training-a-vision-at-cross-roads/> The Nigerian Seafarers Development Programme (NSDP) which was initiated on September 2009 to help fill gap in the seafarers requirement of the Cabotage Act is now at a cross-road, Sunday Telegraph has learnt.

Seafarers speak of grief after colleagues' deaths. *All About Shipping*. 15 October 2018. Available from: <http://www.allaboutshipping.co.uk/2018/10/15/seafarers-speak-of-grief-after-colleagues-deaths/> The ship was in ballast from Norway to England and the men were found unconscious on board.

Separating fact from fiction: ICS releases new study on seafarers and digitalisation.

International Chamber of Shipping (ICS). 16 October 2018. Available from: <http://www.ics-shipping.org/news/press-releases/2018/10/16/separating-fact-from-fiction-ics-releases-new-study-on-seafarers-and-digitalisation> The International Chamber of Shipping (ICS) has released a new study conducted by the Hamburg School of Business Administration (HSBA) on behalf of ICS, regarding the potential effects of autonomous ships on the role of seafarers and the global shipping industry. [Seafarers and digital disruption](#) 

Grieving seafarers supported. *Apostleship of the Sea (AoS)*. 16 October 2018. Available from: <https://www.apostleshipofthesea.org.uk/grieving-seafarers-supported> Crew members from the tanker Key Fighter have spoken about the shock and sadness of losing two of their colleagues who died following an incident on board the ship in early September.


Interview with Mission to Seafarers Brisbane: Seafarer Centre of the Year 2018. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 17 October 2018. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/interview-with-mission-to-seafarers-brisbane-seafarer-centre-of-the-year-2018> In a series of interviews this month, we're talking to the winners of 2018's awards, which were presented at our ceremony in Geneva back in April.

Crew welfare - pay now or pay later? *Ship Management International*. 17 October 2018. Available from: <http://shipmanagementinternational.com/crew-welfare-pay-now-or-pay-later/> When it comes to the welfare of your crew do you pay now – with good conditions, facilities and support for seafarers – or pay later – through medical bills, lost working time and mistakes?

HRAS enables Ethiopian Chief Officer to return home with wages paid. *Human Rights at Sea (HRAS)*. 17 October 2018. Available from: <https://www.humanrightsatsea.org/2018/10/16/hras-enables-ethiopian-chief-officer-to-return-home-with-wages-paid/> Human Rights at Sea is pleased to report the successful repatriation of an Ethiopian Chief Officer with outstanding wages owed which have now been paid in full after direct, but polite intervention by the charity.

Response team tackles shadier side of shipping. *By Geoff Garfield. TradeWinds*. 18 October 2018. Available from: <https://www.tradewindsnews.com/casualties/1605502/response-team-tackles-shadier-side-of-shipping> Some 50 trained Sailor's Society responders around the world deal with the more dubious aspects of shipping, including the fallout from abandonment.

Loneliness at Sea to be Investigated. *Maritime Executive*. 21 October 2018. Available from: <https://www.maritime-executive.com/article/loneliness-at-sea-to-be-investigated> Danish health and safety company CONOVAH has received funding for a project looking into loneliness at sea.

ICS and ITF Publish New Guidelines on Welfare Aspects of the ILO MLC. *International Chamber of Shipping (ICS)*. 22 October 2018. Available from: <https://bit.ly/2SebErw> The International Chamber of Shipping (ICS) and the International Transport Workers' Federation (ITF) have jointly released new 'Guidelines for implementing the Welfare aspects of the Maritime Labour Convention'. [Guidelines for implementing the Welfare aspects of the Maritime Labour Convention, 2006](#) 

Seafarer testimony to drive Dubai connectivity discussions. *Seatrade Maritime News*. 22 October 2018. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/seafarer-testimony-to-drive-dubai-connectivity-discussions.html> Testimony from working seafarers, crewing experts and shipping customers will bring a completely fresh, evidence-based perspective to a special discussion on ship-to-shore connectivity during Seatrade Maritime Middle East week at the Dubai World Trade Centre (DWTC).

Pirates free *Glarus* crew. *By Martina Li. Fairplay*. 28 October 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4307971/pirates-free-glarus-crew> Twelve crew members of Swiss-owned bulk carrier *Glarus* have been freed more than a month after being captured by pirates.

The EU to legislate on maritime working conditions. *Danish Shipping*. 29 October 2018.

Available from: <https://www.danishshipping.dk/en/press/news/the-eu-to-legislate-on-maritime-working-conditions>

Since the European Commission presented its proposal for a directive on "Transparent and predictable working conditions in the European Union", the Working Conditions Directive, there have been heated discussions in Brussels.

SEARCH & RESCUE

Aquarius faces fate of other migrant rescue ships. *France 24*. 29 September 2018.

Available from: <https://www.france24.com/en/20180929-aquarius-faces-fate-other-migrant-rescue-ships>

The last civilian rescue ship in the central Mediterranean is unable to take 58 migrants to port for fear of being impounded as other boats have been in what aid groups say is an illegal campaign to stop their work.

UNHCR warns over Mediterranean rescue capacity. *United Nations High Commissioner for Refugees*. 30 September 2018.

Available from: <http://www.unhcr.org/news/press/2018/9/5bae714d4>

UNHCR, the UN Refugee Agency, is grateful to Malta for its decision to allow 58 rescued people from the NGO ship *Aquarius* to be disembarked, ending their ordeal after days at sea.

Italy's closure to rescue ships drives up sea deaths - think tank. *By Steve Scherer. Reuters*.

1 October 2018. Available from: <https://uk.reuters.com/article/uk-europe-migrants-italy/italys-closure-to-rescue-ships-drives-up-sea-deaths-think-tank-idUKKCN1MB35E>

Italy's closing of its ports to rescued migrants is driving up deaths at sea, an Italian think tank said on Monday, using calculations based on numbers collected by U.N. agencies.

Saving life without a licence: Rescue ship trial delayed in Malta. *By Neave Barker. Aljazeera*.

3 October 2018. Available from: <https://www.aljazeera.com/news/2018/10/saving-life-licence-rescue-ship-trial-delayed-malta-181003063133295.html>

A Malta court has postponed the trial of a ship captain who rescues refugees in the Mediterranean Sea.

New Italian-flagged migrant rescue ship heads into Mediterranean. *The Local (Italy)*.

4 October 2018. Available from: <https://www.thelocal.it/20181004/new-italian-flagged-migrant-rescue-ship-heads-into-mediterranean>

"The #MareJonio is on its way!" Sea-Watch tweeted.

Coast Guard rescues 10 from disabled cargo ship. *MarineLink*. 10 October 2018.

Available from: <https://www.marinelink.com/news/coast-guard-rescues-disabled-cargo-ship-442460>

The U.S. Coast Guard picked up 10 crewmembers who had been stranded at sea for nearly three weeks after their cargo ship became disabled approximately 1,380 miles southeast of Bermuda.

Unmanned SAR vessel. *Maritime Journal*. 19 October 2018.

Available from: <https://www.maritimejournal.com/news101/onboard-systems/safety,-survival-and-training/unmanned-sar-vessel>

Working in cooperation with Meccano Engineering and IDS, the company has a 16 metre prototype under construction that will be able to fulfil a variety of military and workboat roles.

SHIP RECYCLING

Ship recycling: can Europe clean up its own mess? By Ross Davies. *Ship-Technology.com*. 4 October 2018. Available from: <https://www.Ship-Technology.com/features/ship-recycling-can-europe-clean-mess/> For decades, the European shipping industry has taken its decommissioned vessels to China to be recycled.

BC Ferries CEO: ship recycling paperwork bottleneck is 'absurd'. By Rebecca Moore. *Passenger Ship Technology*. 15 October 2018. Available from: https://www.passengership.info/news/view,bc-ferries-ceo-ship-recycling-paperwork-bottleneck-is-absurd_54554.htm Ferry ship recycling is being delayed by paperwork – and recycling should be considered and built into the design phase, said ferry operators at a panel at the Interferry annual conference in Mexico last week.

Platform publishes South Asia Quarterly Update #17. *NGO Shipbreaking Platform*. 17 October 2018. Available from: <http://www.shipbreakingplatform.org/platform-publishes-south-asia-quarterly-update-17/> On 27 August, according to trade unions, Naago Singh lost his life while working at Shri Gaitam Ship Breaking yard, located on the beach of Alang, India.

Protests ring out a deadly Gadani. By Sam Chambers. *Splash 247.com*. 18 October 2018. Available from: <https://splash247.com/protests-ring-out-at-deadly-gadani/> Hundreds of workers protested yesterday at the Gadani shipbreaking site in Pakistan, demanding firm action be taken to improve conditions at one of the most dangerous shipping locations in the world.

Recent fires at Gadani yards prompt authorities to shut down all shipbreaking activities. *NGO Shipbreaking Platform*. 19 October 2018. Available from: www.shipbreakingplatform.org/platform-news-recent-fires-at-gadani-yards-prompt-authorities-to-shut-down-all-shipbreaking-activities/ On 11 October a tanker caught fire at the Gadani shipbreaking beach that holds a deplorable record of life threatening accidents.

Major Southeast Asian yards see some hope but still struggling. By Vincent Wee. *Lloyd's List*. 26 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124826/Major-Southeast-Asian-yards-see-some-hope-but-still-struggling> Glimmer of optimism as Southeast Asia's oil and gas shipyards look to rising oil price for new orders but recovery will not come before the end of the year.

SHIPBUILDING & SHIPREPAIR

Retrofits - the approach to innovative technology and new equipment. *Hellenic Shipping News*. 8 October 2018. Available from: <https://www.hellenicshippingnews.com/retrofits-the-approach-to-innovative-technology-and-new-equipment/> A ship's life cycle ends with it being dismantled and recycled.

Liquefaction and lost bulk carriers: Is a design change warranted? By Dennis Bryant. *MarineLink*. 10 October 2018. Available from: <https://www.marinelink.com/news/liquefaction-lost-bulk-carriers-a-design-442424> A shocking number of bulk carriers (as well as a few OBOs – ore/bulk/oil carriers) have been suddenly and catastrophically lost at sea in the last 30 years.

Ships may require more than two fuel tanks after 2020. By Mark Fuechec. *Lloyd's List*. 17 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124629> Ships may require three separate tanks as bunker suppliers increasingly turn to fuel blending, according to Herbert Engineering vice-president Eugene van Rynbach.

Shipbuilding to return to Belfast Harbour with creation of 35 jobs. *Belfast Telegraph (UK).*

18 October 2018. Available from: <https://www.belfasttelegraph.co.uk/business/northern-ireland/shipbuilding-to-return-to-belfast-harbour-with-creation-of-35-jobs-37434327.html>

Commercial shipbuilding is set to return to Belfast Harbour with Artemis Technologies establishing a new facility in the area, creating 35 jobs.

Students unveil vision of the future for cruiseships. *TradeWinds.* 25 October 2018.

Available from: <https://www.tradewindsnews.com/passengerships/1613911/students-unveil-vision-of-the-future-for-cruiseships> Cruiseships of the future are going to look very different based on the visions that Singaporean tertiary students conjured up for Royal Caribbean International's design competition.

SHIPPING

Guest blog: The costs of greenhouse gas reduction in shipping. By Nishatabbas Rehmatulla.

UK Chamber of Shipping. 27 September 2018. Available from:

<https://www.ukchamberofshipping.com/latest/guest-blog-costs-greenhouse-gas-reduction-shipping/>

Who wouldn't want to know how much reducing shipping's greenhouse gas (GHG) emissions will all cost?

How the world's oil refiners plan to grapple with their fuel oil output after 2020.

By Florence Tan, Osamu Tsukimori, and Julia Payne. *Reuters.* 28 September 2018.

Available from: <https://www.reuters.com/article/us-global-oil-shipping-analysis/how-the-worlds-oil-refiners-plan-to-grapple-with-their-fuel-oil-output-after-2020-idUSKCN1M818C>

High-sulfur fuel oil (HSFO), essentially the leftovers of an oil refiner's output, will still flow from refineries around the world even after new rules start up in 2020 curtailing its use in the global shipping fleet, a Reuters survey showed. [Are refiners ready for IMO 2020?](#)

Majority of vessels could see 2020 fuel bills double. By Jonathan Robins. *Fairplay.*

28 September 2018. Available from: <https://fairplay.ihs.com/commerce/article/4306941/majority-of-vessels-could-see-2020-fuel-bills-double> With the International Maritime Organization's (IMO's) global sulphur cap set to force the vast majority of vessels away from heavy fuel oil (HFO), shipping markets have got used to seeing a range of price estimates for future bunker fuel.

Wells Fargo flags prospect of 'Hanjin 2.0' amid IMO 2020. By Andy Pierce. *TradeWinds.*

28 September 2018. Available from: <http://www.tradewindsnews.com/liner/1594059/wells-fargo-flags-prospect-of-hanjin-20-amid-imo-2020> Concerns over inflationary fuel price pressure and its potential impact on the balance sheet of major container lines has led Wells Fargo to downgrade both two major shipowners and some container lessors.

Maritime community clamps down on shipping of counterfeit goods. *World Maritime News.*

28 September 2018. Available from: <https://worldmaritimeneeds.com/archives/261544/>

The recommended best practices were developed as part of the on-going collaboration of signatories to the 'Declaration of Intent to stop the Maritime transport of counterfeits' (DOI)-a joint effort between members of the global shipping industry and brand owners to work together to prevent the transport of counterfeit goods on shipping vessels.

The Lloyd's List Podcast is in Singapore this week: Tariffs, box woes and the big bunker question. By Richard Meade. *Lloyd's List.* 30 September 2018. Available from:

<https://www.linkedin.com/pulse/lloyds-list-podcast-singapore-week-tariffs-box-woes-big-richard-meade>

Amid the flurry of conferences and industry round tables this week in Singapore, talk has inevitably focussed on the risk posed to the transpacific container trade and the potential threat to intra-Asia markets.

Global Maritime Issues Monitor 2018. *International Union of Marine Insurance (IUMI).*

October 2018. Available from: https://iumi.com/uploads/Global_Maritime_Issues_Monitor_2018.pdf

The Global Maritime Issues Monitor 2018 takes a global look at some of the major issues that are likely to impact the global maritime industry.

Maritime Economy. *Raconteur.* October 2018. Available from: <https://www.raconteur.net/maritime-economy-2018> The shipping sector is undergoing a sea change, with new technologies and geopolitical forces offering myriad opportunities for commercial success.

LNG only 'viable option' today to tackle shipping's air quality issues. By Marcus Hand.

Seatrade Maritime News. 1 October 2018. Available from: [http://www.seatrade-](http://www.seatrade-maritime.com/news/europe/lng-only-viable-option-today-to-tackle-shipping-s-air-quality-issues.html)

[maritime.com/news/europe/lng-only-viable-option-today-to-tackle-shipping-s-air-quality-issues.html](http://www.seatrade-maritime.com/news/europe/lng-only-viable-option-today-to-tackle-shipping-s-air-quality-issues.html)

While the uptake of LNG as marine fuel has not matched forecasts of a few years ago, Keller, who is both chairman of industry coalition SEA\LNG and executive vice president of TOTE owner of the world's first LNG-powered containerships, believes it has a strong future as a fuel for shipping helping to meet global demands for cleaner air.

Backing biofuels: will the shipping industry ever get on board? By Patrick Kingsland.

Ship-Technology.com. 1 October 2018. Available from: [https://www.Ship-](https://www.Ship-Technology.com/features/backing-biofuels-will-shipping-industry-ever-get-board/)

[Technology.com/features/backing-biofuels-will-shipping-industry-ever-get-board/](https://www.Ship-Technology.com/features/backing-biofuels-will-shipping-industry-ever-get-board/) Years after biofuels were first raised as an option for the marine industry, uptake remains incredibly limited.

MPA dishes out S\$26m to promote LNG use as marine fuel. By Tan Hwee Hwee. *Business*

Times (Singapore). 1 October 2018. Available from:

[https://www.businesstimes.com.sg/transport/mpa-dishes-out-s26m-to-promote-lng-use-as-marine-](https://www.businesstimes.com.sg/transport/mpa-dishes-out-s26m-to-promote-lng-use-as-marine-fuel)

[fuel](https://www.businesstimes.com.sg/transport/mpa-dishes-out-s26m-to-promote-lng-use-as-marine-fuel) Ahead of the implementation of a green shipping regulation, the Maritime and Port Authority of Singapore (MPA) has spent S\$26 million to kick-start the use of liquefied natural gas (LNG) as a cleaner burning marine fuel.

Honouring the first Maltese female master mariners. *Government of Malta.* 1 October 2018.

Available from: <https://mtip.gov.mt/en/Government/press%20releases/Pages/2018/PR182099.aspx>

Minister for Transport, Infrastructure and Capital Projects Ian Borg and Minister for European Affairs and Equality Helena Dalli celebrated the first Maltese female master mariners at the Excelsior Hotel in Floriana.

Bad bunker may accelerate changes in bunker industry. By Niklas Krigslund. *ShippingWatch.*

2 October 2018. Available from: <https://shippingwatch.com/secure/Services/article10894569.ece>

The problem with dirty bunker oil is not just a headache for those shipowners, chartering companies and suppliers that are currently fighting over bills for repairs and lost revenue.

Interview with Wallem: Shipping Company of the Year 2018. *International Seafarers' Welfare and*

Assistance Network (ISWAN). 2 October 2018. Available from: [http://seafarerswelfare.org/news-](http://seafarerswelfare.org/news-and-media/latest-news/interview-with-wallem-shipping-company-of-the-year-2018)

[and-media/latest-news/interview-with-wallem-shipping-company-of-the-year-2018](http://seafarerswelfare.org/news-and-media/latest-news/interview-with-wallem-shipping-company-of-the-year-2018) Our International Seafarers' Welfare Awards give seafarers the chance to say thank you to the companies and organisations who have offered them high quality welfare services and facilities.

Shipping's biggest challenge is a shift in mindset, not fuel. By Richard Meade. *Lloyd's List.*

2 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124443>

Shipping is an industry of regulatory laggards, where first-mover advantage is routinely proved to be a costly and naïve myth.

Natasa Pilides is taking Cyprus Shipping Forward. By Natasa Pilides. *Maritime Executive.*

2 October 2018. Available from: [https://maritime-executive.com/features/natasa-pilides-is-taking-](https://maritime-executive.com/features/natasa-pilides-is-taking-cyprus-shipping-forward)

[cyprus-shipping-forward](https://maritime-executive.com/features/natasa-pilides-is-taking-cyprus-shipping-forward) On March 1, 2018 Natasa Pilides was appointed as Cyprus' first dedicated Shipping Deputy Minister, reporting directly to the President.

Oil spill drill to be carried out on Wednesday. *Times of Malta*. 2 October 2018. Available from: <https://www.timesofmalta.com/articles/view/20181002/community/oil-spill-drill-to-be-carried-out-on-wednesday.690576> Transport Malta will be hosting a national pollution response exercise, off Maltese shores, on Wednesday, simulating a large oil spill from a vessel following a collision with another.

Women need courage to succeed in maritime industry. By Abigirl Ezenwafor and Kemi Abioye. *Vanguard (Nigeria)*. 3 October 2018. Available from: <https://www.vanguardngr.com/2018/10/women-need-courage-to-succeed-in-maritime-industry/> The President, Women's International Shipping and Trading Association (WISTA), Mary Haman, has charged females wishing to come into the maritime industry to be courageous if they must be successful.

Global Maritime Issues Monitor 2018: Senior maritime stakeholders deem industry not prepared to deal with global issues. *International Union of Marine Insurance (IUMI)*. 4 October 2018. Available from: <https://iumi.com/news/blog/global-maritime-issues-monitor-2018-senior-maritime-stakeholders-deem-industry-not-prepared-to-deal-with-global-issues> Senior stakeholders believe that the global maritime industry is not prepared to deal with major issues that are likely to impact it over the next ten years.

34 maritime CEOs sign call for action in support of decarbonization. *Global Maritime Forum*. 4 October 2018. Available from: <https://www.globalmaritimeforum.org/press/34-maritime-ceos-sign-call-for-action-in-support-of-decarbonization> Climate science requires the maritime industry to phase out greenhouse gas emissions as soon as possible and demands urgent action, say industry leaders.

Intercargo: Importance of policing compliant fuels' quality underestimated. *World Maritime News*. 4 October 2018. Available from: <https://worldmaritimeneeds.com/archives/261864/> Policing the quality of the new compliant fuels seems to be a great challenge already, as it has proved extremely difficult to address the very serious recent problems with existing fuels, the organization said.

Big banks incorporate climate considerations into shipping loans. By Tomas Kristiansen and Christian Carlsen. *ShippingWatch*. 4 October 2018. Available from: <https://shippingwatch.com/secure/carriers/article10914903.ece> The upcoming global sulfur cap, which will impact world's shipping industry from 2020, will not only leave the companies with an extra bill.

PIL and IBM step up their electronic bill of lading initiative. *Pacific International Lines (PIL)*. 4 October 2018. Available from: <https://www.pilship.com/en-pil-and-ibm-step-up-their-electronic-bill-of-lading-initiative/132.html?n=262> Pacific International Lines (Pte) Ltd ("PIL"), Singapore's leading containership operator, collaborates with IBM Singapore ("IBM") in another blockchain trial to design and create an electronic bill of lading which will significantly enhance the documentation process in supply chain management.

Slow steaming is 'most realistic' emissions curbing, says Prokopiou. By Nigel Lowry. *Lloyd's List*. 4 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124487/Slow-steaming-is-most-realistic-emissions-curb-says-Prokopiou> Regulators should introduce mandatory slow steaming as a giant step towards long-term emissions reduction targets, according to shipowner George Prokopiou.

European Shipowners and Maritime Technology Industry call for decisive actions against unfair trade practices and in favour of global playing field. *European Community Shipowners' Associations (ECSA)*. 5 October 2018. Available from: <https://www.ecsa.eu/news/sea-europe-ecsa-joint-press-release> SEA Europe and ECSA, the trade associations representing respectively European shipbuilding and maritime equipment and European shipowners, welcome the recent statement of EU Trade Commission Cecilia Malmström against unfair trade practices in the Far East.

Hapag-Lloyd establishes Marine Fuel Recovery (MFR) mechanism. *Hapag-Lloyd.*

8 October 2018. Available from: <https://www.hapag-lloyd.com/en/press/releases/2018/10/hapag-lloyd-establishes-marine-fuel-recovery--mfr--mechanism.html> With a stricter International Maritime Organisation emissions regulation (IMO 2020) coming into force as of 1 January 2020, the new sulphur cap for compliant fuel oil will be lowered from 3.5% to 0.5%.

Ship registries contest the number one spot. *By Craig Jallal. Tanker Shipping & Trade.*

8 October 2018. Available from: https://www.tankershipping.com/news/view/ship-registries-contest-the-number-one-spot_54476.htm According to the Guinness World Records Organisation, Panama took the title of World's Largest Ship Registry in 2018, with more than 8,000 ships registered, representing around 18% of the global maritime fleet.

Sulfur Cap: MEPC document cosponsors correct the record. *Maritime Executive.*

8 October 2018. Available from: <https://www.maritime-executive.com/article/sulfur-cap-mepc-document-cosponsors-correct-the-record> On August 31, 2018 the Bahamas, Liberia, Marshall Islands, Panama, BIMCO, INTERCARGO and INTERTANKO cosponsored and submitted a document to the Marine Environmental Protection Committee (MEPC) 73 meeting taking place October 22-26, 2018.

BIMCO and industry partners to launch hull underwater cleaning standard. *By Mette Kronholm Fraende. BIMCO.*

8 October 2018. Available from: <https://www.bimco.org/news/priority-news/20181008--hull-cleaning-standard> The group consists of eight different organisations, including paint manufacturers, ship owners and cleaning companies, with the aim to take a holistic approach to establishing an international standard that will work in practice.

Rising fuel costs set to push up container freight rates. *By James Baker. Lloyd's List.*

8 October 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1124509> Shippers should expect a freight rate increase of between 13% and 20% next year if carriers are to make up for the increasing price of bunker fuel, according to analyst Sealntel.

A storm is brewing for India's domestic shipping industry. *By Joe Baker.*

Ship-Technology.com. 8 October 2018. Available from: <https://www.Ship-Technology.com/features/storm-brewing-indias-domestic-shipping-industry/> With a vast coastline spanning 7,500km and a strategic location nearby major shipping lanes, India has always been well-placed to enjoy the benefits of a burgeoning maritime sector.

A new era for women in maritime. *Nautilus International.* 8 October 2018. Available from:

<https://www.nautilusint.org/en/news-insight/telegraph/a-new-era/> There's been quite a buzz around the Women in Maritime Charter this year, with high hopes that this well-supported initiative will finally lead to a breakthrough in the numbers of women entering the UK shipping industry.

Interview -- VLSFO to be main marine fuel choice as IMO 2020 looms: Cockett Group CEO.

By Surabhi Sahu. S&P Global Platts. 9 October 2018. Available from:

<https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/100918-interview-vlsfo-to-be-main-marine-fuel-choice-as-imo-2020-looms-cockett-group-ceo> Very low sulfur fuel oil is set to be the chief marine fuel choice as the International Maritime Organization's global sulfur limit rule for marine fuels inches closer, Cockett Group CEO Cem Saral told S&P Global Platts in an interview last week.

GLOBAL: A period of adjustment. *By Lesley Bankes-Hughes. Bunkerspot.* 9 October 2018.

Available from: <https://www.bunkerspot.com/global/46836> The issue of bunker adjustment factors (BAFs) invariably provokes a strong reaction in the shipping industry, covering the gamut of viewpoints.

Swallowing the anchor: How not to choke when making the transition from ship to shore.

Institute of Marine Engineering, Science and Technology (IMarEST). 9 October 2018. Available from: <https://www.imarest.org/policy-news/institute-news/item/4493> The prospect of coming ashore to progress their career can be daunting to many working at sea, according to a survey conducted by the Institute of Marine Engineering, Science & Technology (IMarEST) into the experiences of those who had made the ship-to-shore transition.

Shipping industry stares down new fuel restrictions. By Clifford Krauss. *New York Times*.

9 October 2018. Available from: <https://www.nytimes.com/2018/10/09/business/shipping-industry-stares-down-new-fuel-restrictions.html> Tens of thousands of cargo ships, tankers, container ships and cruise liners belch noxious sulfuric gases and fine particles that drift over cities and cover them with smog.

IMO 2020: Maersk's scrubber investment not a sign of low sulfur supply doubts. *Ship & Bunker*.

9 October 2018. Available from: <https://shipandbunker.com/news/world/673242-imo-2020-maersks-scrubber-investment-not-a-sign-of-low-sulfur-supply-doubts> A.P. Moller - Maersk's decision to invest in a limited number of scrubbers for IMO 2020 "to ensure compliance in time" should not be taken as a sign the company has doubts over the supply of 0.50% sulfur bunkers, the mega-shipowner says.

IPCC climate report raises pressure for shipping CO2 cuts. *Hellenic Shipping News*.

9 October 2018. Available from: <https://www.hellenicshippingnews.com/ipcc-climate-report-raises-pressure-for-shipping-co2-cuts/> Yesterday, the IPCC released the much anticipated Special Report on 1.5°C in Incheon, South Korea, as requested by world governments in the Paris Agreement.

Environment, digitalisation, cooperation take centrestage at CSA 48th AGM. *Caribbean Shipping Association*.

9 October 2018. Available from: <http://www.caribbeanshipping.org/index.php/news/242-environment-digitalisation-cooperation-take-centrestage-at-csa-48th-agm> Pursuing and promoting environmentally friendly practices, digitalisation of maritime shipping and cooperation for capacity building are major items for discussion by shipping industry professionals at the Caribbean Shipping Association's (CSA) 48th Annual General Meeting Conference and Exhibition now under way at the RIU Plaza in Panama City from October 8-10, 2018.

Bernhard Schulte backs LNG for the long haul. By Simin Ngai. *Fairplay*. 10 October 2018.

Available from: <https://fairplay.ihs.com/commerce/article/4307296/bernhard-schulte-backs-lng-for-the-long-haul> Bernhard Schulte Shipmanagement (BSM) expects liquefied natural gas (LNG) to emerge as the mainstream option among clean fuels, especially when taking a big-picture view of sustainability in shipping.

Hong Kong's leader delivers on maritime promises. By Sam Chambers. *Splash 247.com*.

10 October 2018. Available from: <https://splash247.com/hong-kongs-leader-delivers-on-maritime-promises/> In her second policy address since coming to power last year, Carrie Lam, the chief executive of Hong Kong, today made good on her promise last week to bolster the city's maritime credentials.

Shipping's Davos must show real ambition and authority to succeed. By Julian Bray.

TradeWinds. 11 October 2018. Available from: <https://www.tradewindsnews.com/shipyards/1604165/shippings-davos-must-show-real-ambition-and-authority-to-succeed> Shipping has much to reflect on in the aftermath of this week's report from the United Nations' Intergovernmental Panel on Climate Change (IPCC), which warned the world is on a far more disruptive course of climate change than had been understood.

Fueling the sustainable transition of the shipping industry. *Maersk*. 11 October 2018.

Available from: <https://www.maersk.com/news/2018/10/11/fueling-the-sustainable-transition-of-the-shipping-industry> One year from now, some 90,000 ships making up the world's merchant fleet face new rules that will reduce sulphur emissions by around 80%.

Interview: Jeong-kie Lee, Chairman, Korean Register & IACS. By Greg Trauthwein.

Maritime Logistics Professional. 12 October 2018. Available from:

<https://www.maritimeprofessional.com/news/interview-jeong-chairman-korean-register-322516>

The maritime industry is in a state of extreme upheaval, with private and public organizations having to deal with a wide range of ever changing, complicated issues in the realms of technology, regulation, finance, economy and competition, while facing little certainty about the future.

Is the global energy transition on track? By Simon Flowers. *Forbes*. 12 October 2018.

Available from: <https://www.forbes.com/sites/woodmackenzie/2018/10/12/is-the-global-energy-transition-on-track> Are we doing enough to save the planet?

New BAF on Africa-Europe trade. *CMA CGM*. 12 October 2018. Available from: <http://www.cma-cgm.com/news/2234/new-baf-on-africa-europe-trade> Bunker is one of the most important costs for a container shipping line.

ABS leads industry discussion on digitization, safety and compliance. *ABS (American Bureau of Shipping)*. 15 October 2018. Available from: <https://ww2.eagle.org/en/news/press-room/abs-discussion-digitization-safety-compliance.html> The annual ABS Joint China and Hong Kong Committee gathered industry leaders to discuss global challenges facing the maritime sector.

Launching of the "FOCUS" Project - Collaborative Innovation Transcending Business Categories; ICT-based, Data-driven Project Aims at Safer Operation and Cleaner Environment.

Mitsui O.S.K.Lines (MOL). 15 October 2018. Available from:

<https://www.mol.co.jp/en/pr/2018/18073.html> (MOL; President & CEO: Junichiro Ikeda) today announced that it has joined forces with Mitsui E&S Shipbuilding Co., Ltd. (President: Tetsuro Koga; headquarters: Chuo-ku, Tokyo) and Weathernews Inc. (President: Chihito Kusabiraki; headquarters: Chiba-shi, Chiba Prefecture) to launch the Fleet Optimal Control Unified System (FOCUS), a project that will gather and apply ship operation data to ensure safer, more environmentally friendly ocean transport.

IMarEST hosts clean maritime revolution with government and experts. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 15 October 2018. Available from:

<https://www.imarest.org/policy-news/institute-news/item/4504> Experts on clean shipping, including the IMarEST's Chief Executive, David Loosley, met today (15 October 2018) at the IMarEST's headquarters, to plot the route to zero emissions for the UK maritime sector on the first day of Green Great Britain Week.

East Mediterranean projects take steps towards adoption of alternative fuels. *Lloyd's Register*.

15 October 2018. Available from: <https://www.lr.org/en/latest-news/east-med-projects-take-steps-towards-adoption-of-alternative-fuels/> Three European Commission co-funded initiatives – Poseidon Med II, CYnergy and Elemed – are driving forward the uptake of alternative fuels in the Eastern Mediterranean region.

Could chip fat help dirty shipping clean up its act? By Chris Baraniuk. *BBC News*.

16 October 2018. Available from: <https://www.bbc.co.uk/news/business-45862228> The global shipping industry is as big a contributor to greenhouse gas emissions as aviation.

UCL Energy Institute joins as a member on the newly launched Clean Maritime Council.

UCL Energy Institute. 16 October 2018. Available from:

<https://www.ucl.ac.uk/bartlett/energy/news/2018/oct/ucl-energy-institute-joins-member-newly-launched-clean-maritime-council> The Council is a strategic advisory body tasked with informing the development and implementation of the first UK Clean Maritime Plan and brings together government alongside leading experts from industry and academia, working together to set the blueprint for a pathway to zero-emission shipping for the UK.

Shippers scramble to install sulphur filters ahead of rule change. By Ron Bousso and Ahmad Ghaddar. *Reuters*. 16 October 2018. Available from: <https://www.reuters.com/article/us-oil-shipping/shippers-scramble-to-install-sulphur-filters-ahead-of-rule-change-idUSKCN1MQ28U> Ship owners accelerated installations of engine cleaning systems this year ahead of stringent new rules in 2020 which sharply reduce the amount of sulphur ships can emit from the 3.5 percent in current bunker fuel to 0.5 percent, according to a report.

Barking up the wrong tree? *International Bunker Industry Association (IBIA)*. 16 October 2018. Available from: <https://ibia.net/barking-up-the-wrong-tree/> An epidemic of ships experiencing fuel-related problems with seemingly on-spec fuels this year, starting in the US Gulf, has led to feverish speculation about the root causes with many predicting that this is a precursor for worse to come in 2020.

Drewry launches 'Cost Impact Calculator' to help shippers prepare for and better understand fuel costs post-IMO 2020. *Drewry Shipping Consultants*. 16 October 2018. Available from: <https://www.drewry.co.uk/news/news/drewry-launches-cost-impact-calculator-to-help-shippers-prepare-for-and-better-understand-fuel-costs-post-imo-2020> In cooperation with both shipper members of the Drewry Benchmarking Club and other parties, Drewry has developed an IMO low-sulphur rule, "Cost Impact Calculator" based on robust market data, benchmarked BAF charges and fuel cost differentials between loops and carriers.

Wärtsilä opens the first International Maritime Cyber Centre of Excellence in the world. *Wärtsilä Corporation*. 16 October 2018. Available from: <https://www.wartsila.com/media/news/16-10-2018-wartsila-opens-the-first-international-maritime-cyber-centre-of-excellence-in-the-world-2296825> The technology group Wärtsilä opens an International Maritime Cyber Centre of Excellence (IMCCE) today in Singapore.

"Shipping can no longer work in obscurity". By Niklas Krigslund. *ShippingWatch*. 17 October 2018. Available from: <https://shippingwatch.com/secure/carriers/Bulk/article10944030.ece> One of the world's biggest charterers, Cargill Ocean Transportation, says that the days in which shipping could hide from view in terms of fighting climate change are definitely over.

We4Sea certified for CO2 Emission Monitoring for both MRV and IMO DCS. *We4Sea*. 17 October 2018. Available from: <http://www.we4sea.com/2018/10/we4sea-certified-for-co2-emission-monitoring-for-both-mrv-and-imo-dcs/> We4Sea is now officially certified by Verifavia for both IMO-DCS as EU-MRV emission monitoring.

It's Goodbye to Supertanker U-Turns on the High Seas. By Jack Wittels. *Bloomberg*. 17 October 2018. Available from: <https://www.bloomberg.com/news/articles/2018-10-16/goodbye-u-turning-supertankers-as-world-s-ship-fuel-is-upgraded> One of the more lucrative opportunities in global commodities markets is about to get a little bit trickier.

New Wärtsilä Hybrid Centre will boost sustainable shipping. *Wärtsilä Corporation*. 17 October 2018. Available from: <https://www.wartsila.com/media/news/17-10-2018-new-wartsila-hybrid-centre-will-boost-sustainable-shipping-2297586> The technology group Wärtsilä has inaugurated its new Hybrid Centre, the first of its kind in the world.

Maritime, catalyst for Nigerias's industrialisation. By Isichei Osamgbi. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 18 October 2018. Available from: <http://nimasa.gov.ng/press-center/post/maritime-catalyst-for-nigerias-industrialisation> For Nigeria to effectively move away from an oil-dependent economy and industrialise, it must develop the blue economy.

MethaShip: Renewable Methanol Is 'Fuel with a Future'. *World Maritime News*. 22 October 2018. Available from: <https://worldmaritimeneews.com/archives/263017/methaship-renewable-methanol-is-fuel-with-a-future/> Renewable methanol offers a long term solution for the passenger shipping industry's carbon emission reduction strategy, the findings of the MethaShip research project showed.

Tripartite Forum: Shipping industry prepares for major changes. By Rasmus Nord Jorgensen. *BIMCO*. 22 October 2018. Available from: <https://www.bimco.org/news/priority-news/20181022-tripartite-forum> The shipping industry is on the verge of major changes requiring strong collaboration between ship builders, ship owners and classification societies, agreed the 70 plus participants of the 2018 Tripartite Forum held in Seoul, South Korea on 11 and 12 October.

Verifavia shipping signs cooperations with two major global ship managers. *Verifavia Shipping*. 22 October 2018. Available from: <https://bit.ly/2OiZbzD> Verifavia, the world's leading emissions verification company for the transport sector (aviation and shipping), today WALLEM Ship Management in Hong Kong and ZEABORN Ship Management in Hamburg, for auditing services for European Union (EU) Reporting and Verification (MRV) and the International Maritime Organization (IMO) Data Collection System (DCS), as well as certification of associated IT systems.

HMM Introducing Fuel Surcharge as of January 2019. *World Maritime News*. 23 October 2018. Available from: <https://worldmaritimeneews.com/archives/263144/hmm-introducing-fuel-surcharge-as-of-january-2019/> South Korean liner company Hyundai Merchant Marine (HMM) is joining the club of liner giants that are planning to add fuel adjustment surcharge ahead of the 2020 sulphur cap.

Cyprus Deputy Shipping Minister stresses quality and sophistication in growing maritime cluster. By Marcus Hand. *Seatrade Maritime News*. 23 October 2018. Available from: <http://www.seatrade-maritime.com/news/europe/cyprus-deputy-shipping-minister-stress-quality-and-sophistication-in-growing-maritime-cluster.html> Quality over quantity is the message from Cyprus Shipping Deputy Minister to the President, Natasa Pilides, when it comes to growing the country's vibrant maritime cluster.

The digital transformation of shipping is a £13 billion opportunity for the UK. By Nick Chubb. *UK Chamber of Shipping*. 23 October 2018. Available from: <https://www.ukchamberofshipping.com/latest/guest-blog-digital-transformation-shipping-13-billion-opportunity-uk/> The UK has a lucrative opportunity on its hands, writes Nick Chubb, one of the authors of the new report 'Frictionless trade: How new technology will power international trade'

4 reasons slower ships could mean healthier oceans. By Morten Thaysen. *Greenpeace International*. 23 October 2018. Available from: <https://www.greenpeace.org.uk/4-reasons-slower-ships-mean-healthier-oceans/> This week, the International Maritime Organisation has the opportunity cap ship speeds globally from 2021/2022 and then gradually reduce them.

Natural gas-powered vehicles and ships - the facts. *Transport & Environment*. 24 October 2018. Available from: <https://www.transportenvironment.org/publications/natural-gas-powered-vehicles-and-ships-%E2%80%93-93-facts> The EU has agreed to cut its greenhouse gas (GHG) emissions by at least 80-95% by 2050. [CNG and LNG for vehicles and ships - the facts](#)

Ships must slow down to protect whales and the climate, say conservationists. *The Independent*. 24 October 2018. Available from: <https://www.independent.co.uk/environment/whale-slow-down-conservationists-wwf-ships-dolphin-climate-change-a8598051.html> Ships must travel at slower speeds to help protect whales, leading conservationists have said during a major international summit on environmental protection.

Ship Financiers Toughen Stance on CO2 Emissions. By Jonathan Saul. *MarineLink*. 24 October 2018. Available from: <https://www.marinelink.com/news/ship-financiers-toughen-stance-co-443027> Leading shipping finance banks have joined industry players in support of faster action to cut carbon emissions by the sector.

MOL Announces Plan for Trial Introduction of Energy-saving Operation Analysis Service on 80 Bulk carriers - Aiming to Reduce Environmental Impact by Optimizing Propulsion Performance.

Mitsui O.S.K.Lines (MOL). 24 October 2018. Available from: <https://www.mol.co.jp/en/pr/2018/18076.html> MOL President & CEO: Junichiro Ikeda today announced its decision to equip 80 of its operated bulkcarriers with a new service called NAPA Fleet Intelligence with Noon Report (NAPA FI) developed by NAPA Ltd.

Green ships, scrubbers and all things digital. By Greg Atkinson. *Splash 247.com*.

25 October 2018. Available from: <https://splash247.com/green-ships-scrubbers-and-all-things-digital/> Some years ago at shipping events there was barely a mention of green ship technologies and although there were plenty of digital systems around, they were not promoted with the same zeal as they are today.

Digitalisation front and central in sustainable shipping model. *Seatrade Maritime News*.

25 October 2018. Available from: <http://www.seatrade-maritime.com/news/americas/digitalisation-front-and-central-in-sustainable-shipping-model.html> Digitalisation, now permeating all aspects of shipping, was central to almost every discussion and panel over Shipping Insight's three-day span at its 2018 conference in Stamford, Connecticut in US last week.

Ship operating costs expected to rise in 2018 and 2019. By Richard Greiner. *Moore Stephens*.

25 October 2018. Available from: <https://www.moorestephens.co.uk/news-views/october/ship-operating-costs-expected-to-rise-in-2018-and> Total vessel operating costs in the shipping industry are expected to rise by 2.7% in 2018 and by 3.1% in 2019, according to our latest survey. [Future operating costs report](#)

The Fuel Challenge in Shipping. *Hellenic Shipping News*. 26 October 2018. Available from:

<https://www.hellenicshippingnews.com/the-fuel-challenge-in-shipping/> Choosing the most effective, sustainable and economically feasible strategy to comply with the new emission limits is not an easy task.

Women at WISTA 2018 who fly the education flag. *All About Shipping*. 26 October 2018.

Available from: <http://www.allaboutshipping.co.uk/2018/10/26/women-at-wista-2018-who-fly-the-education-flag/> During our week-long stay in Tromsø we were fortunate to meet dozens of WISTA ladies we have known over the years from all over Planet Ocean and to make new friends.

Maersk Line COO describes new carriage ban as a milestone. By Niklas Krigslund.

ShippingWatch. 29 October 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10968550.ece> The Maersk Group is pleased with the new sulfur carriage ban and describes it as a vital part of upcoming requirements for ship fuel.

RESEARCH

Ocean Solutions to Address Climate Change and Its Effects on Marine Ecosystems.

By J.-P. Gattuso, A. K. Magnan et al. *Frontiers in Marine Science*. (2018). Available from: <https://www.frontiersin.org/article/10.3389/fmars.2018.00337> The Paris Agreement target of limiting global surface warming to 1.5–2°C compared to pre-industrial levels by 2100 will still heavily impact the ocean.

Mediterranean UNESCO World Heritage at risk from coastal flooding and erosion due to sea-level rise. By L. Reimann, A. T. Vafeidis et al. *Nature Communications*. (2018). Available from:

<https://doi.org/10.1038/s41467-018-06645-9> UNESCO World Heritage sites (WHS) located in coastal areas are increasingly at risk from coastal hazards due to sea-level rise.

The long-term impact of maritime piracy on seafarers' behavioral health and work decisions. By D. C. Seyle, K. G. Fernandez et al. *Marine Policy*. (2018). Available from: <http://www.sciencedirect.com/science/article/pii/S0308597X17303925> More than 6000 seafarers have been held hostage by pirates in the last ten years.

Dolphins simplify their vocal calls in response to increased ambient noise. By L. Fouda, J. E. Wingfield et al. *Biology Letters*. (2018). Available from: <http://rsbl.royalsocietypublishing.org/content/14/10/20180484.abstract> Ocean noise varies spatially and temporally and is driven by natural and anthropogenic processes.

Change in singing behavior of humpback whales caused by shipping noise. By K. Tsujii, T. Akamatsu et al. *PLOS ONE*. (2018). Available from: <https://doi.org/10.1371/journal.pone.0204112> Reactions of singing behavior of individual humpback whales to a specific shipping noise were examined.

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maritimeknowledgecentre@imo.org

About the cover

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