



WORLD MARITIME DAY 2019
**EMPOWERING WOMEN
IN THE MARITIME COMMUNITY**

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC)

“Sharing Maritime Knowledge”

CURRENT AWARENESS BULLETIN

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maritimeknowledgecentre@imo.org



About the MKC Current Awareness Bulletin (CAB)

The aim of the **MKC Current Awareness Bulletin (CAB)** is to provide a digest of news and publications focusing on 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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Table of Contents

IMO NEWS & EVENTS	2
UNITED NATIONS	3
CASUALTIES.....	3
ENVIRONMENT	7
ENVIRONMENTAL POLLUTION	9
HEALTH & SAFETY	10
IMO	11
LAW & POLICY.....	14
MARINE TECHNOLOGY.....	20
MARITIME EDUCATION & TRAINING	22
MARITIME SAFETY	23
MARITIME SECURITY	24
MIGRANTS	26
NAVIGATION & COMMUNICATIONS.....	28
PORT STATE CONTROL.....	29
PORTS & HARBOURS.....	29
REGULATIONS	31
SALVAGE	34
SEAFARERS	34
SEARCH & RESCUE	36
SHIP RECYCLING	37
SHIPBUILDING & SHIPREPAIR	39
SHIPPING	40
RESEARCH.....	48

IMO NEWS & EVENTS

WHAT'S NEW

IMO's gender programme: new logo to increase visibility for women in maritime

The International Maritime Organization (IMO) has launched a new logo for its Women in Maritime programme, as part of its mission to support the United Nations Sustainable Development Goal 5: Achieve gender equality and empower all women and girls.

Programme lead Helen Buni said: "The IMO Women in Maritime programme supports the participation of women in both shore-based and sea-going posts, under the slogan 'Training-Visibility-Recognition', through a wide range of gender-specific activities. The new logo is just one visible part of the programme and will help women in maritime gain more visibility and exposure throughout the maritime sector and beyond." [More...](#)

Empowering Women in the Maritime Community

"Empowering Women in the Maritime Community" has been selected as the World Maritime Day theme for 2019. This video from the IMO Secretary-General, Kitack Lim, raises awareness of the importance of gender equality, in line with the SDGs, and highlights the important contribution of women all over the world to the maritime sector. [Video...](#)

IMO MEETINGS FOR 2019

[Sub-Committee on Ship Design and Construction \(SDC\), 6th session](#) 4-8 February 2019

[Sub-Committee on Pollution Prevention and Response \(PPR\), 6th session](#) 18-22 February 2019

LATEST PRESS BRIEFINGS

[Key fishing vessel safety treaty boosted with accession by Spain](#)

Briefing: 03, February 7, 2019

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Sub-Committee on Pollution Prevention and Response (PPR), 6th session 18-22 February 2019
([Opening](#) Address)

Sub-Committee on Ship Design and Construction (SDC), 6th session 4-8 February 2019
([Opening](#) and [Closing](#) Address)

[9th Edition of the e-Navigation Underway International Conference - "Paving the Way for a Digital Maritime World" Copenhagen, Denmark, 6 February 2019](#)

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

[IMO PUBLISHING](#)

[Just Published 2019](#)

[February 2019 Newsletter](#)

UNITED NATIONS

Neither side stands to benefit in US-China trade spat, UN says. *UN News*. 4 February 2019. Available from: <https://news.un.org/en/story/2019/02/1031921> Of the \$250 billion in Chinese exports that are subject to US tariffs, only about six per cent will be picked up by firms in the United States, according to a report by the UN Conference on Trade and Development (UNCTAD).

Guterres underlines climate action urgency, as UN weather agency confirms record global warming. *UN News*. 6 February 2019. Available from: <https://bit.ly/2EJhbQY> His reaction on Wednesday came after WMO issued a report confirming that 2015, 2016, 2017 and 2018 were the four warmest years recorded to date.

African continent 'an example of solidarity' towards migrants and refugees: UN chief. *UN News*. 9 February 2019. Available from: <https://news.un.org/en/story/2019/02/1032351> The UN chief is in the Ethiopian capital to attend the annual African Union summit, which brings together Heads of State from across the continent.

UN announces roadmap to Climate Summit in 2019, a 'critical year' for climate action. *UN News*. 14 February 2019. Available from: <https://news.un.org/en/story/2019/02/1032801> 2019 is a critical year, the "last chance" for the international community to take effective action on climate change, General Assembly President Maria Espinosa said on Thursday, during a briefing to announce the UN's roadmap to the Climate Summit in September.

Slow gender equality progress 'almost a joke': UN business chief. *UN News*. 27 February 2019. Available from: <https://news.un.org/en/audio/2019/02/1033662> The slow progress of achieving gender equality in the workplace is "almost a joke," Lise Kingo, head of the UN Global Compact, the world's largest corporate sustainability initiative, said in an interview with UN News.

CASUALTIES

MMEA saves 12 after oil tanker sinks off Tanjung Penyusop in Johor waters. By Ben Tan. *Malay Mail (Malaysia)*. 31 January 2019. Available from: <https://www.malaymail.com/news/malaysia/2019/01/31/mmea-saves-12-after-oil-tanker-sinks-off-tanjung-penyusop-in-johor-waters/1718474> The Malaysian Maritime Enforcement Agency (MMEA) today rescued 12 crew members after their vessel sank near Tanjung Penyusop here last night.

Blaze breaks out in cargo holds of APL boxship. By Gary Dixon. *TradeWinds*. 1 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1690653/blaze-breaks-out-in-cargo-holds-of-apl-boxship> Container line APL has said a fire has broken out in the cargo holds of a boxship en passage from Shekou to Singapore.

Two crew killed by fumes on woodchip carrier. By Gary Dixon. *TradeWinds*. 1 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1690731/two-crew-killed-by-fumes-on-woodchip-carrier> Two seafarers have died on a woodchip carrier in Indonesia.

Blaze on 9,200 teu APL ship continues for fourth day. By Sam Chambers. *Splash 247.com*. 4 February 2019. Available from: <https://splash247.com/blaze-on-9200-teu-apl-ship-continues-for-fourth-day/> A fire on the 9,200 teu *APL Vancouver* off Vietnam has yet to be contained four days after it erupted.

General average 'likely' as another blaze breaks out on a containership. By Mike Wackett. *The Loadstar*. 4 February 2019. Available from: <https://theloadstar.co.uk/general-average-likely-as-another-blaze-breaks-out-on-a-containership/> Yet another container vessel has caught fire - the latest casualty is the 9,200 teu *APL Vancouver*, off the Vietnamese coast en route from China to Singapore.

Scorpio stunned by stabbing of vessel master. By Joe Brady. *TradeWinds*. 5 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1694459/scorpio-stunned-by-stabbing-of-vessel-master> The Scorpio Group is expressing shock and outrage over a stabbing aboard one of its vessels in the Indian Ocean that has resulted in the hospitalisation of the ship's master.

U.S. Navy cruiser involved in replenishment collision. *Maritime Executive*. 5 February 2019. Available from: <https://www.maritime-executive.com/article/u-s-navy-cruiser-involved-in-replenishment-collision> A U.S. Navy guided-missile cruiser and dry cargo ship made contact during an underway replenishment off the southeastern coast of the U.S. on Tuesday.

Seafarers rescued after falling over board in lifeboat. By Dale Wainwright. *TradeWinds*. 7 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1696180/seafarers-rescued-after-falling-over-board-in-lifeboat> Two seafarers have been rescued by the US Coast Guard (USCG) after the lifeboat they were working on was accidentally released into the sea.

More boxes lost from MSC Zoe than first thought. By Holly Birkett. *TradeWinds*. 7 February 2019. Available from: <https://www.tradewindsnews.com/liner/1696429/more-boxes-lost-from-msc-zoe-than-first-thought> At least 345 containers were lost from a Mediterranean Shipping Company (MSC) boxship in January, much more than the initial estimate of 291.

Collision between Malaysia vessel and Greece-registered bulk carrier in Singapore Port Limits off Tuas. *Maritime and Port Authority of Singapore (MPA)*. 9 February 2019. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/eed97d1c-d594-4213-9a24-113ac207a703> At 1428hrs today (9 February 2019), there was a collision between Greece-registered bulk carrier *PIREAS* and Malaysia vessel *POLARIS* in Singapore Territorial Waters within Singapore Port Limits off Tuas.

Update 1 - Collision between Malaysia Government vessel and Greece-registered bulk carrier in Singapore Port Limits off Tuas. *Maritime and Port Authority of Singapore (MPA)*. 10 February 2019. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/7700ec6a-4559-4794-b8c0-fc05cb4d9861> In response to media queries on the collision between Greece-registered bulk carrier *PIREAS* and Malaysian Government vessel (Marine Department Malaysia) *POLARIS* in Singapore Territorial Waters off Tuas on 9 February 2019, MPA updated that: After refuelling at Singapore's eastern bunkering anchorage south of Bedok, *PIREAS* declared to MPA that its next port of call was to be Tanjung Pelepas.

Hunt for sunken VLOC Stellar Daisy gets underway. By Dale Wainwright. *TradeWinds*. 11 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1698379/hunt-for-sunken-vloc-stellar-daisy-gets-underway> The hunt for the wreck of the sunken VLOC *Stellar Daisy* has stepped up a gear with the sailing of a sophisticated OSV from Cape Town over the weekend.

2018: A bad year for ferry fatalities. By Neil Baird. *Baird Maritime*. 12 February 2019. Available from: <https://www.bairdmaritime.com/work-boat-world/passenger-vessel-world/4608> After a couple of good years in 2016 and 2017, 2018 saw a significant increase in ferry fatalities worldwide.

Ship runs aground off Solomons coast. *Radio New Zealand*. 13 February 2019. Available from: <https://www.radionz.co.nz/international/pacific-news/382373/ship-runs-aground-off-solomons-coast> A ship has run aground off the southern coast of the Solomon Islands and officials say bad weather is hampering efforts to salvage the vessel.

Fears for marine protected area after ship grounds in Solomons. *Radio New Zealand*. 13 February 2019. Available from: <https://www.radionz.co.nz/international/programmes/datelinepacific/audio/2018682349/fears-for-marine-protected-area-after-ship-grounds-in-solomons> Environmentalists fear the grounding of a ship off Rennell Island in the Solomons could bring more damage to a marine protected area.

Carnival Sunshine comes to aid of cargo ship in distress. *Carnival Corporation & Plc.*

13 February 2019. Available from: <https://carnival-news.com/2019/02/13/carnival-sunshine-comes-to-aid-of-cargo-ship-in-distress/> Early Wednesday morning as it was sailing from Amber Cove toward Grand Turk, *Carnival Sunshine* deviated its course to come to the aid of a cargo ship, *Tropic Scout*, in distress with seven people aboard.

Dominica-flagged supply vessel capsizes, sinks near Pedra Branca. *Channel News Asia.*

14 February 2019. Available from: <https://www.channelnewsasia.com/news/singapore/dominica-supply-vessel-capsize-sank-pedra-branca-11242394> A Dominica-flagged supply vessel has capsized and sunk in Singapore territorial waters near Pedra Branca, the Maritime and Port Authority of Singapore (MPA) said in a press release on Thursday (Feb 14).

Search ship retrieves voyage data recorder from sunken *Stellar Daisy*. *Yonhap News Agency (South Korea).*

18 February 2019. Available from: <https://en.yna.co.kr/view/AEN20190218005000315?section=national/diplomacy> A deep-sea search ship has retrieved a voyage data recorder (VDR) and a bridge of the ill-fated South Korean bulk carrier *Stellar Daisy* that sank in the South Atlantic two years ago, Seoul's foreign ministry said Monday.

Wreck of sunken VLOC *Stellar Daisy* located. *By Dale Wainwright. TradeWinds.*

18 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1704570/wreck-of-sunken-vloc-stellar-daisy-located> The team hunting for the sunken VLOC *Stellar Daisy* says the wreck has been found in the South Atlantic.

Bulk carrier leaking oil on Solomons Islands reef after running aground. *By Lisa Martin.*

The Guardian. 19 February 2019. Available from: <https://www.theguardian.com/world/2019/feb/19/fears-of-environmental-disaster-after-bulk-carrier-runs-aground-on-solomon-islands-reef-spilling-oil> The Solomon Islands prime minister has asked Australia for emergency help cleaning up an environmental disaster after oil spilled from a bulk carrier that ran aground on a coral reef near a world heritage area.

Ships collide off German coast, multiple injuries reported. *Deutsche Welle (Germany).*

19 February 2019. Available from: <https://www.dw.com/en/ships-collide-off-german-coast-multiple-injuries-reported/a-47581746> At least 15 people were injured when a supply ship collided with a freight vessel near the German island of Rügen early Tuesday, officials said.

Villagers in Solomons say stranded ship spilling oil. *Radio New Zealand. 20 February 2019.*



Available from: <https://www.radionz.co.nz/international/pacific-news/382910/villagers-in-solomons-say-stranded-ship-spilling-oil> Villagers on Rennell Island in Solomon Islands claim that a ship that grounded on a reef in Kangava Bay two weeks ago is leaking oil.

Cargo discharge set to begin for fire-damaged *Yantian Express*. *Maritime Executive.*

20 February 2019. Available from: <https://www.maritime-executive.com/article/cargo-discharge-set-to-begin-for-fire-damaged-yantian-express> The fire-damaged container ship *Yantian Express* is moored at the Freeport Container Port in Freeport, Grand Bahama, awaiting the unloading of damaged cargo.

Search finds remains of crew on *Stellar Daisy*. *By Niklas Krigslund. ShippingWatch.*

21 February 2019. Available from: <https://shippingwatch.com/secure/carriers/Bulk/article11205043.ece> A search team has found traces of crew members on board *Stellar Daisy*, which sank in a 2017 accident where 22 crew members perished and two survived.

Accident Investigation Report 3/2019: Contact and grounding of ro-ro passenger ferry *Pride of Kent*. UK Marine Accident Investigation Branch (MAIB). 21 February 2019. Available from: <https://www.gov.uk/maib-reports/contact-and-grounding-of-ro-ro-passenger-ferry-pride-of-kent>
On 10 December 2017, the UK registered ro-ro passenger ferry *Pride of Kent* struck a jetty and then grounded while departing Calais, France. [Report](#)  [Annexes](#) 


Oil spill catastrophe. By Rickson Bau. SIBC (Solomon Islands Broadcasting Corporation). 25 February 2019. Available from: <http://www.sibconline.com.sb/oil-spill-catastrophe/> Following more than twenty days since bauxite bulk carrier *MV Solomon Trader* ran aground in Rennell Island, the Australian Maritime Safety Authority (AMSA) confirms that oiling around the ship has now moved and begun to disperse across the surrounding sea and shoreline, contaminating the ecologically delicate area.


Environmental group blames Solomon govt's negligence for shipwreck. Radio New Zealand. 25 February 2019. Available from: <https://www.radionz.co.nz/international/pacific-news/383283/environmental-group-blames-solomon-govt-s-negligence-for-shipwreck> The Nature Conservancy Solomon Islands, is blaming government negligence for a shipwreck that authorities are calling the worst man-made environmental disaster in the country's history.

Maersk changes safety approach to prevent casualties. By Søren Pico. ShippingWatch. 25 February 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11213055.ece> Maersk has made "considerable changes" to its handling of safety for its employees after a total of 34 employees have lost their lives in the past five years.

Oil leaks from containership *Matsonia* in Oakland. World Maritime News. 25 February 2019. Available from: <https://worldmaritimeneeds.com/archives/272061/oil-leaks-from-container-ship-matsonia-in-oakland/> Crewmembers aboard the 217-meter, Matson-owned vessel noticed a sheen around their ship shortly after mooring and initiated the ship's vessel response plan.

Environmental disaster looms at heritage-listed Solomon Islands reef after oil spill. By Evan Wasuka. ABC (Australia). 26 February 2019. Available from: <https://www.abc.net.au/news/2019-02-26/pacific-oil-spill-sparks-fears-of-environmental-catastrophe/10849664> Bulk carrier *MV Solomon Trader* ran aground on a reef on the remote island of Rennell in the south of the Solomon Islands in early February while attempting to load bauxite from a nearby mine.

Solomon Islands oil spill threatens World Heritage site. By Stefan Armbruster. SBS News (Australia). 27 February 2019. Available from: <https://www.sbs.com.au/news/solomon-islands-oil-spill-threatens-world-heritage-site>  A salvage operation is underway more than three weeks after the *MV Solomon Trader* ran aground on a reef in the Solomon Islands while loading bauxite on the remote island of Rennell during tropical cyclone Oma.

Crew evacuated from burning ship off Chioggia, Italy. World Maritime News. 27 February 2019. Available from: <https://worldmaritimeneeds.com/archives/272218/crew-evacuated-from-burning-ship-off-chioggia-italy/>  Eighteen crewmembers of a Belize-flagged general cargo vessel have been evacuated after their ship caught fire off Italy, local authorities informed.

Oil spillage a possible breach of international Maritime Safety Code. By Rickson Jordan Bau. SIBC (Solomon Islands Broadcasting Corporation). 28 February 2019. Available from: <http://www.sibconline.com.sb/oil-spillage-a-possible-breach-of-international-maritime-safety-code/>
A possible breach of the International Maritime Safety Code hassled to the oil spillage on Rennell island, revealed the Solomon Islands Maritime Safety Administration, SIMSA.

Salvage operations stall amid Solomon Islands oil spill. *Radio New Zealand*. 28 February 2019. Available from: <https://www.radionz.co.nz/international/pacific-news/383551/salvage-operations-stall-amid-solomon-islands-oil-spill> Technical difficulties are stalling efforts to salvage a ship at the centre of an environmental disaster in the Solomon Islands.

ENVIRONMENT

Study: Much of the surface ocean will shift in color by end of 21st century. **By Jennifer Chu.** *Massachusetts Institute of Technology (US)*. 4 February 2019. Available from: <http://news.mit.edu/2019/study-ocean-color-change-phytoplankton-climate-0204> Climate change is causing significant changes to phytoplankton in the world's oceans, and a new MIT study finds that over the coming decades these changes will affect the ocean's color, intensifying its blue regions and its green ones.

Earth's oceans are routinely breaking heat records. **By Dana Nuccitelli.** *Yale Climate Connections*. 4 February 2019. Available from: <https://www.yaleclimateconnections.org/2019/02/earths-oceans-are-routinely-breaking-heat-records/> Two recently published peer-reviewed studies make clear that the planet's oceans are continuing to set hottest-yet temperature records nearly every year and, secondly, that the rate of ocean warming is in virtual lockstep with what modern climate models have projected.

Seychelles ranked first in Africa for ocean health. **By Sharon Ernesta.** *Seychelles News Agency*. 5 February 2019. Available from: <https://bit.ly/2XAQCpA> The Ocean Health Index (OHI) has ranked Seychelles first in Africa after the latest global assessment of ocean health.

Whales and dolphins are getting stuck in fishing nets around the UK. **By Katie Pavid.** *Natural History Museum (UK)*. 6 February 2019. Available from: <http://www.nhm.ac.uk/discover/news/2019/february/whales-and-dolphins-are-getting-stuck-in-fishing-nets-around-the.html> Whales, dolphins, porpoises, seals, fish, turtles and sharks are all vulnerable to fishing gear, and they are getting into trouble up and down the British coastline.

Dutch probe mass seabird death mystery. *Phys.Org*. 6 February 2019. Available from: <https://phys.org/news/2019-02-dutch-probe-mass-seabird-death.html> Dutch scientists said Wednesday they are baffled after 20,000 dead or dying guillemots washed up on North Sea beaches in a phenomenon not seen for decades.

WMO confirms past 4 years were warmest on record. *World Meteorological Organization (WMO)*. 6 February 2019. Available from: <https://public.wmo.int/en/media/press-release/wmo-confirms-past-4-years-were-warmest-record> In a clear sign of continuing long-term climate change associated with record atmospheric concentrations of greenhouse gases, 2015, 2016, 2017 and 2018 have been confirmed as the four warmest years on record.

Pacific Island governments cautioned about seabed mining impacts. *Pacific Islands Association of Non-Governmental Organisations (PIANGO)*. 14 February 2019. Available from: <http://www.piango.org/our-news-events/latest-news/2019/pacific-island-governments-cautioned-about-seabed-mining-impacts/> Pacific Islands Association of Non-Governmental Organisation has cautioned Pacific Islands government to recognise the risks of seabed mining on marine environments, cultures and livelihoods.

Climate Weekly: The kids are all right. **By Megan Darby.** *Climate Home News*. 15 February 2019. Available from: <https://www.climatechangenews.com/2019/02/15/climate-weekly-kids-right/> In fact, thousands of kids going on "climate strike" on Friday have learned enough to know that, when it comes to climate change, the numbers don't add up to a safe future.

Antarctic ice shelves: Searching for clues on climate change. By Fabian Cambero. *Reuters*. 15 February 2019. Available from: <http://news.trust.org/item/20190215172730-7ldwf/> In a remote island outpost on the edge of the Antarctic, hundreds of miles from the southern tip of Chile, scientists at a research base are scouring the ice for clues about everything from climate change to cures for cancer.

High-level regional workshop boosts participation of Pacific Island countries in deep sea activities to advance the Blue Economy. *International Seabed Authority*. 16 February 2019. Available from: <https://www.isa.org.jm/fr/node/18944> Governments officials and experts from Pacific Small Island Developing States convened at a regional workshop held in Nuku'alofa, Kingdom of Tonga this week, to strengthen national and regional capacities to access sustainably and benefit from seabed activities and therefore, from the Blue Economy.

Conference 'Climate Change and Oceans Preservation'. *Government of Belgium*. 19 February 2019. Available from: <https://www.health.belgium.be/en/news/conference-climate-change-and-oceans-preservation> The conference "Climate Change and Ocean Conservation" took place today at the Egmont Palace in Brussels.
[Brussels Declaration "The Ocean and Climate Change"](#) 

GMA, MTCC- Africa collaborate to fight alarming shipping emissions. *GhanaWeb*. 20 February 2019. Available from: <https://www.ghanaweb.com/GhanaHomePage/business/GMA-MTCC-Africa-collaborate-to-fight-alarming-shipping-emissions-724913> In recent years, studies have shown that gas emitted from shipping related activities are on a steady increase globally and developing countries lack the capacity to develop energy efficient mechanisms to improve on gas emissions in the shipping industry.

Baby boom for endangered right whales offer researchers a glimmer of hope.
By Kevin Bissett. *Nanaimo News Now (Canada)*. 21 February 2019. Available from: <https://nanaimonewsnow.com/article/609220/baby-boom-endangered-right-whales-offer-researchers-glimmer-hope> After years of increasingly bad news, there's a glimmer of hope for the beleaguered North Atlantic right whale.

Report your presence and slow down for whales. *Gard*. 21 February 2019. Available from: <http://www.gard.no/web/updates/content/27153819/report-your-presence-and-slow-down-for-whales> Did you know that 16 February 2019 was 'World Whale Day'?

Blue Charter action group makes strides toward tackling ocean acidification.
The Commonwealth. 21 February 2019. Available from: <http://thecommonwealth.org/media/news/blue-charter-action-group-makes-strides-toward-tackling-ocean-acidification> The inaugural Blue Charter action group meeting on ocean acidification has brought us a step closer to finding solutions to the detrimental impacts of rising pH levels on ocean life, Commonwealth Head of Oceans and Natural Resources stated.

Surfing a wave of change: Clean Seas campaign celebrates two years of action. *United Nations Environment Programme (UNEP)*. 22 February 2019. Available from: <https://www.unenvironment.org/news-and-stories/story/surfing-wave-change-clean-seas-campaign-celebrates-two-years-action> The remote Galápagos islands offer a distressing reminder of the destructive power of our plastic addiction with horrifying images of iconic species struggling on rubbish-strewn shorelines that were for so long a byword for isolation and purity.

B.C.'s ferry services, whale watching threaten endangered whales, National Energy Board says. By Justine Hunter. *Globe and Mail (Canada)*. 25 February 2019. Available from: <https://www.theglobeandmail.com/canada/british-columbia/article-bcs-ferry-services-whale-watching-threaten-endangered-whales/> The B.C. government will continue with plans to expand its ferry routes even though the National Energy Board concluded last week that ship noise, including that generated by BC Ferries, is threatening the endangered southern resident killer whales.

Meet six environmentalists who are changing the world. *United Nations Environment Programme (UNEP)*. 25 February 2019. Available from: <https://www.unenvironment.org/news-and-stories/story/meet-six-environmentalists-who-are-changing-world> The application portal for the Young Champions of the Earth prize, is open.

Achieving Paris climate target could net additional billions in fisheries revenue. **By Katherine Came.** *University of British Columbia (Canada)*. 27 February 2019. Available from: <https://news.ubc.ca/2019/02/27/achieving-paris-climate-target-could-net-additional-billions-in-fisheries-revenue/> Achieving the Paris Agreement global warming target could protect millions of tonnes in annual worldwide fisheries catch, as well as billions of dollars of annual revenues for fishers, workers' income and household seafood expenditures, according to new research from the University of British Columbia.

ENVIRONMENTAL POLLUTION

EU impact assessment favours Med ECA. *The Motorship*. 4 February 2019. Available from: <https://www.motorship.com/news101/industry-news/eu-impact-assessment-favours-med-eca> A European Commission funded impact assessment into a potential Mediterranean emissions control area (ECA) found that designating such an ECA would result in significant socio-economic benefits.

What have we learned from 50 years of offshore oil disasters? By Michael LeVine. *Ocean Conservancy*. 5 February 2019. Available from: <https://oceanconservancy.org/blog/2019/02/05/learned-50-years-offshore-oil-disasters/> Last week marked the 50th anniversary of the start of the Santa Barbara oil spill.

Environmental officials wage war on plastic containers in Galapagos Islands. *Latin American Herald Tribune*. 12 February 2019. Available from: <http://www.laht.com/article.asp?ArticleId=2474799&CategoryId=13936> The Galapagos Islands, the living laboratory where English scientist Charles Darwin developed his theory of evolution by natural selection, is making progress in its relentless struggle against a threat from the outside: plastic containers.

Plastic pollution: One town smothered by 17,000 tonnes of rubbish. By Yvette Tan. *BBC News*. 13 February 2019. Available from: <https://www.bbc.co.uk/news/world-asia-46518747> Malaysia has become one of the world's biggest plastic importers, taking in rubbish the rest of the world doesn't want.

Plastics reach remote pristine environments, scientists say. By Ian Sample. *The Guardian*. 17 February 2019. Available from: <https://bit.ly/2V3htbJ> Scientists have warned about the impact of plastic pollution in the most pristine corners of the world after discovering chemical additives in birds' eggs in the High Arctic.

Concern for oil spill in East Rennell, Solomon Islands, in central Pacific. *UNESCO World Heritage Centre*. 20 February 2019. Available from: <http://whc.unesco.org/en/news/1934> An oil spill has reportedly occurred in East Rennell, Solomon Islands on Tuesday, 19 February when a bulk carrier ran aground at Kangava Bay, just outside of the World Heritage property.

Years after oil spills, ship-owners yet to pay for scars the they left on coastline. **By Chittaranjan Tembhekar.** *Times of India*. 27 February 2019. Available from: <https://bit.ly/2NLeMJE> At Alibaug and nearby beaches such as Kihim, Kashid and Janjira, pebbles covered in a film of oil and sand mixed with oil granules are visible.

Australia lashes neglect over oil spill 'disaster' near Solomon Islands. By David Wroe.

Sydney Morning Herald (Australia). 27 February 2019. Available from:

<https://www.smh.com.au/politics/federal/australia-lashes-neglect-over-oil-spill-disaster-near-solomon-islands-20190227-p510oy.html> Australia is helping to pressure a Hong Kong shipping company and several other firms to take responsibility for cleaning up a major oil spill close to a World Heritage-listed coral reef off the Solomon Islands.

HEALTH & SAFETY

Shipping focuses on seafarer's mental health. Manila Times. 6 February 2019. Available from:

<https://www.manilatimes.net/shipping-focuses-on-seafarers-mental-health/507215/> The shipping industry is now looking at approaches to protect the mental health of seafarers and prevent them from falling into depression while spending days, if not weeks, in the sea.

Remote monitoring of confined spaces reduces risks. By Mark Barker. Maritime Executive.

10 February 2019. Available from: <https://www.maritime-executive.com/blog/remote-monitoring-of-confined-spaces-reduces-risks> According to an International Dry Bulk Terminals Group study, there is a disturbing industry uptick in crewmember deaths in confined spaces.

'Strong benefits' to human health championed as council backs crackdown on shipping fumes. By Alice Angeloni and Chloe Ranford. Stuff (New Zealand). 11 February 2019.

Available from: <https://www.stuff.co.nz/national/110436078/strong-benefits-to-human-health-championed-as-council-backs-crackdown-on-shipping-fumes> A district council has come out in support of an international treaty to reduce ship emissions, saying the tighter regulations will benefit both human health and the environment.

An outsider's view of our neglect of seafarers. Splash 247.com. 19 February 2019.

Available from: <https://splash247.com/an-outsiders-view-of-our-neglect-of-seafarers/>

Yesterday I saw one of the most shocking images that anyone could ever see in shipping - one I hope never gets shared online - something that has been impossible to get out of my head since.

Fall from height and serious injuries to crewmembers on board *Shanghai Spirit* near Port Alma, Queensland on 29 January 2017. Australian Transport Safety Bureau (ATSB).

21 February 2019. Available from:

https://www.atsb.gov.au/publications/investigation_reports/2017/mair/328-mo-2017-001/

During the afternoon of 29 January 2017, the deck crewmembers of *Shanghai Spirit* were conducting painting and routine touch-up work in the cargo holds. [Final Report](#)

Slipping standards putting marine pilots and dock workers at risk. Nautilus International.

21 February 2019. Available from: <https://www.nautilusint.org/en/dangerousladders> The safety of marine pilots and dock workers is being put at risk by the failure of too many ships to comply with international standards, the British Ports Association has warned.

IMO

Explosion: IMO should act on standards. *Maritime Executive*. 7 February 2019. Available from: <https://www.maritime-executive.com/article/explosion-imo-should-act-on-standards>

The New Zealand Transport Accident Investigation Commission has released its report on the 2017 accident in Port Chalmers, Dunedin, on board the cruise ship *Emerald Princess*, in which a nitrogen cylinder burst, causing one fatality.

Europe puts pressure on IMO over scrubber rules. By Anastassios Adamopoulos. *Lloyd's List*. 7 February 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1126174/Europe-puts-pressure-on-IMO-over-scrubber-rules> The European Union will push for global deliberations to be held on the rules regarding the discharge of waste water, taking into account environmental considerations and regional restrictions, in moves that will add another level of complexity to the ongoing debate around open loop scrubbers.

BIMCO demands 4th IMO GHG Study based on realistic economic growth. By Mette Kronholm Fraende. *BIMCO*. 13 February 2019. Available from: <https://www.bimco.org/news/priority-news/20190213-fourth-imo-ghg-study> BIMCO argues that the Fourth IMO GHG Study should avoid scenarios 1 and 5 of the International Panel on Climate Change Shared Socio-economic Pathways, as these scenarios project considerably higher and unrealistic short-to mid-term economic growth (as much as two percentage points higher) than current economic trends and OECD projections.

Bimco doubts IMO's CO2 calculations. By Simon Valeur. *ShippingWatch*. 14 February 2019. Available from: <https://shippingwatch.com/secure/carriers/article11191183.ece> Bimco says that the IMO is using excessively high numbers when incorporating economic projections into its future scenarios for shipping's CO2 emissions.

IMO regulations will roil oil markets, creating market uncertainty, higher costs, new IHS Markit report says. *Hellenic Shipping News*. 14 February 2019. Available from: <https://www.hellenicshippingnews.com/imo-regulations-will-roil-oil-markets-creating-market-uncertainty-higher-costs-new-ihs-markit-report-says/> The refining and shipping industries are ill-prepared for a massive change in fuel regulation set to go into effect next year.

More ships to rely on LNG as pollution rules tighten. By Marissa Luck. *Houston Chronicle (US)*. 14 February 2019. Available from: <https://www.chron.com/business/energy/article/More-ships-to-rely-on-LNG-as-pollution-rules-13616225.php> Liquefied natural gas is already poised to power the world's biggest economies as Asian countries increase their reliance on the cleaner-burning fuel, but there is yet another source that could drum up demand for LNG: the shipping industry.

The Lloyd's List Podcast: The most influential person in shipping. By Richard Meade.

Lloyd's List. 15 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126273/The-Lloyds-List-Podcast-The-most-influential-person-in-shipping> "I believe that IMO member states have learned from past lessons and have been putting in a lot of effort to lessen any unnecessary burden to the industry, including consideration of practical challenges and ways to minimise their impact," says secretary-general Kitack Lim on this week's podcast.

IMO chief pledges to improve casualty reporting record. By Richard Meade. *Lloyd's List*. 15 February 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1126280/IMO-chief-pledges-to-improve-casualty-reporting-record> The International Maritime Organization will commit to tackling the widespread delays of casualty investigation reports following revelations of severe underreporting last year, its secretary general Kitack Lim has told Lloyd's List.

PPR 6 preview: IBIA working for sensible 2020 solutions at IMO meeting. *International Bunker Industry Association (IBIA)*. 17 February 2019. Available from: <https://ibia.net/ppr-6-preview-ibia-working-for-sensible-2020-solutions-at-imo-meeting/> IBIA will be at the 6th session of the IMO's Sub-Committee on Pollution Prevention and Response (PPR 6), which will endeavour to complete work on remaining issues relating to consistent implementation of the 0.50% sulphur limit set to take effect from 1 January 2020, so that these can be sent to the 74th meeting of the Marine Environment Protection Committee (MEPC 74) in mid-May for any final tweaks and approval.

PPR 6: IMO member states must stay focussed on Arctic heavy fuel oil ban. *Clean Arctic Alliance*. 18 February 2019. Available from: <https://www.hfofreearctic.org/en/2019/02/18/ppr-6-imo-member-states-must-stay-focussed-on-arctic-heavy-fuel-oil-ban/> As a meeting of the International Maritime Organization's (IMO) Sub-Committee on Pollution Prevention and Response (PPR 6) opens today in London, the Clean Arctic Alliance called on Member States to remain focussed to the goal of developing a ban on the use and carriage of heavy fuel oil by shipping in the Arctic.

Clock is ticking towards sulphur cap, IMO head warns. By Anastassios Adamopoulos.

Lloyd's List. 18 February 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1126307/Clock-is-ticking-towards--sulphur-cap-IMO-head-warns> The next 10 months will be crucial for the implementation of the 2020 sulphur cap, International Maritime Organization secretary-general Kitack Lim has warned.

IMO increases visibility for women in maritime. By Sulaimon Salau. *Guardian (Nigeria)*.

20 February 2019. Available from: <https://guardian.ng/business-services/maritime/imo-increases-visibility-for-women-in-maritime/> The International Maritime Organisation (IMO), has launched a new logo for its women in maritime programme, as part of its mission to support the United Nations Sustainable Development Goal on gender equality and empower all women and girls.

IMO sec-gen calls on all maritime industry sectors to be involved meeting GHG emission targets. By Marcus Hand. *Seatrade Maritime News*. 21 February 2019. Available from:

www.seatrade-maritime.com/news/europe/imo-sec-gen-calls-on-all-maritime-industry-sectors-to-be-involved-meeting-ghg-emission-targets.html Last year the IMO set a target to reduce CO2 emissions from shipping by at least 50% in 2050.

ICC Canada brings Inuit message to London IMO meeting: Time to ban HFO's in Arctic shipping. *Inuit Circumpolar Council*. 21 February 2019. Available from: <https://bit.ly/2SHFkvX>

This week the International Maritime Organization (IMO) Sub-Committee on Pollution Prevention and Response (PPR) is meeting in London, UK.

IMO 2020 regulation set to send waves through the marine, refining and base oils industries - consultant. *ICIS*. 22 February 2019. Available from:

<https://www.icis.com/explore/resources/news/2019/02/22/10323398/imo-2020-regulation-set-to-send-waves-through-the-marine-refining-and-base-oils-industries-consult/> The International Maritime Organisation (IMO) 2020 regulation is not a disruptor for markets but "more like two freight trains colliding head on", according to Stephen Ames, managing director of SBA Consulting, on Friday.

The Lloyd's List Podcast: Why the IEA is less concerned about 2020. *Lloyd's List*.

22 February 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1126381/The-Lloyds-List-Podcast-Why-the-IEA-is-less-concerned-about-2020> © The International Energy Agency is about to publish its latest research into the implications of IMO 2020 sulphur regulations and it seems they are more sanguine than many.

Call for IMO to ban single-use plastic bottles at sea. By Sam Chambers. *Splash 247.com*.

25 February 2019. Available from: <https://splash247.com/call-for-imo-to-ban-single-use-plastic-bottles-at-sea/> A call has been made for the International Maritime Organization to regulate against the use of single-use plastic bottles onboard.

IMO delays new standards for scrubbers for at least a year. By Adam Corbett. *TradeWinds*. 25 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1711429/imo-delays-new-standards-for-scrubbers-for-at-least-a-year> The IMO's attempt to come up with new performance standards and guidelines for exhaust gas cleaning systems — also known as scrubbers — has been delayed for another year.

IMO Secretary General set to attend High Level Symposium in Jamaica. By Maritime Authority of Jamaica. *Hellenic Shipping News*. 25 February 2019. Available from: <https://www.hellenicshippingnews.com/imo-secretary-general-set-to-attend-high-level-symposium-in-jamaica/> The Secretary General of the International Maritime Organization (IMO), Mr Kitack Lim, is due to attend a High Level Symposium (HLS) being hosted by the Maritime Authority of Jamaica in Kingston this week.

IMO makes progress on sulphur cap non-compliance. By Anastassios Adamopoulos. *Lloyd's List*. 26 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126401/IMO-makes-progress-on-sulphur-cap-noncompliance> Regulators have made headway in their preparation for the 2020 sulphur cap, with new provisional measures for the implementation and enforcement that will have to be adopted.

Photo: CMU welcomes IMO delegation. *Jamaica Observer*. 27 February 2019. Available from: http://www.jamaicaobserver.com/news/cmu-welcomes-imo-delegation_158268?profile=1373 Secretary general of the International Maritime Organisation (IMO) Kitack Lim shakes the hand of a member of the cadet company at Caribbean Maritime University yesterday following a brief ceremony at the Palisadoes-based institution to mark his arrival in the country for high-level talks with maritime officials from the region scheduled for Montego Bay today.

Sustainable shipping into the next decade. By Kitack Lim. *Open Access Government*. 27 February 2019. Available from: <https://www.openaccessgovernment.org/sustainable-shipping/59873/> Mr Kitack Lim, Secretary-General of the International Maritime Organization, looks ahead to the challenges for international shipping as the next decade approaches.

Fishermen urged to be Brexit ready by registering with the IMO. *UK Government*. 27 February 2019. Available from: <https://www.gov.uk/government/news/fishermen-urged-to-be-brexit-ready-by-registering-with-the-imo> Under European Commission (EC) contingency proposals to enable it to grant our fishing vessels access to European Union (EU) waters in certain circumstances after Brexit, UK boats will be required to be registered with the IMO.

Hong Kong to adopt a raft of IMO requirements. By Michael Grinter. *Hong Kong Maritime Hub*. 28 February 2019. Available from: <http://www.hongkongmaritimehub.com/hong-kong-to-adopt-a-raft-of-imo-requirements/> The Hong Kong Government has announced its intent to adopt a number of training and environmental measures introduced by the International Maritime Organisation including training requirements for crew on Hong Kong registered ships navigating polar waters.

LAW & POLICY

Ground-breaking deep-sea exploration to boost good ocean governance. *The Commonwealth.* 29 January 2019. Available from: <http://thecommonwealth.org/media/news/ground-breaking-deep-sea-exploration-boost-good-ocean-governance> Commonwealth governments are set to benefit from a ground-breaking scientific research expedition into the unexplored depths of the Indian Ocean.

Pacific Ocean Commissioner calls for Pacific people to be centre of negotiations on international treaty on the high seas. *Pacific Islands News Association (PINA).* 30 January 2019. Available from: <http://www.pina.com.fj/?p=pacnews&m=read&o=19505053195c525fa2ecf8da65599b> Pacific officials preparing for a major international meeting to agree an international treaty on the high seas must remember that they negotiate on behalf of the people of the Blue Pacific who greatly depend upon the ocean and its resources, says Pacific Ocean Commissioner, Dame Meg Taylor.

WTO chief is in denial over climate impact of trade. By Perrine Fournier. *Climate Home News.* 30 January 2019. Available from: <https://www.climatechangenews.com/2019/01/30/wto-chief-denial-climate-impact-trade/> When the head of the World Trade Organisation (WTO) says trade does not impact the environment, we should all be worried.

Thailand ratifies Work in Fishing Convention. *International Labour Organization (ILO).* 30 January 2019. Available from: https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_666581/lang--en/index.htm Thailand has committed itself to ensuring acceptable living and working conditions for fishers on board ships by ratifying the Work in Fishing Convention.

Open NGO letter to EU member states' Ministers of Justice and Home Affairs requesting timely disembarkation arrangements for rescued survivors in the Mediterranean. *Human Rights at Sea (HRAS).* 1 February 2019. Available from: <https://www.hrw.org/news/2019/02/01/open-ngo-letter-eu-member-states-ministers-justice-and-home-affairs-requesting> Dear Minister, We, the undersigned organisations, networks and platforms, write to you to express our grave concerns and urge you to act over the current crisis in the Mediterranean Sea.

Italian prosecutor says Sea Watch committed no offences when saving migrants - reports. *Malta Independent.* 2 February 2019. Available from: <https://bit.ly/2TfQn4X> An Italian prosecutor has said that the migrant rescue ship *Sea Watch 3* committed no offences when it saved 47 migrants, who were then delivered to Italy, international news agency AFP says.

WMU-IOI partner on ocean sustainability and capacity building. *World Maritime University (WMU).* 5 February 2019. Available from: <https://www.wmu.se/news/wmu-ioi-partner-ocean-sustainability-and-capacity-building> The President of the World Maritime University, Dr Cleopatra Doumbia-Henry, and the President of the International Ocean Institute (IOI), Mr Nikolaus Gelpke, signed a five-year Memorandum of Understanding (MoU) in January 2019.

UK Government to support safe maritime trade and economic growth across Overseas Territories. *UK Government.* 5 February 2019. Available from: <https://bit.ly/2H1nnHo> The UK Hydrographic Office (UKHO) have today launched a five-day capacity building seminar to help UK Overseas Territories support safe maritime trade.

Oceana investigation keeps one of the world's largest fish factory vessels on illegal, unreported and unregulated fishing list. *Oceana*. 5 February 2019. Available from: <https://usa.oceana.org/press-releases/oceana-investigation-keeps-one-worlds-largest-fish-factory-vessels-illegal-unreported> Following an investigation by Oceana, the South Pacific Regional Fisheries Management Organization decided to keep the fish factory vessel *Damanzaihao* (now named *Vladivostok 2000*) on its list of illegal, unreported and unregulated (IUU) fishing vessels, and issued warnings to China, Panama and Cook Islands for providing assistance to the vessel.

Oman to unveil vision for new Ocean Economy. By Conrad Prabhu. *Oman Daily Observer*. 6 February 2019. Available from: <http://www.omandailyobserver.com/oman-to-unveil-vision-for-new-ocean-economy/> Luminaries and thought-leaders from the worlds of science, technology, sustainability and the blue economy are among a distinguished roster of speakers due to offer their enlightened perspectives at the 'Ocean Economy and Future Technology' conference set to take place here next week.

What works in water and ocean governance: Impact stories from the UNDP Water and Ocean Governance Programme. *United Nations Development Programme (UNDP)*. 6 February 2019. Available from: <https://bit.ly/2XzjKO5> Governance reform is about instituting and practicing new ways of operation and interaction.

Carbon offsets: Worth buying to fight climate change? By Emily Chung. *Canadian Broadcasting Corporation (CBC)*. 7 February 2019. Available from: <https://www.cbc.ca/news/technology/faq-carbon-offsets-1.5008339> If you've ever booked a flight with an airline like Air Canada or WestJet, you might have been offered a chance to pay money to "offset" the carbon emissions from your flight.

Ottawa announces 2019 measures to protect endangered North Atlantic right whales. *CTV News (Canada)*. 7 February 2019. Available from: <https://atlantic.ctvnews.ca/ottawa-announces-2019-measures-to-protect-endangered-north-atlantic-right-whales-1.4287008> Ottawa has announced this year's measures to help protect North Atlantic right whales, building upon rules in place in the Gulf of St. Lawrence in 2018 -- when none of the endangered mammals were found dead in Canadian waters.

Infographic: Protecting North Atlantic Right Whales. *Government of Canada*. 7 February 2019. Available from: <http://www.dfo-mpo.gc.ca/species-especies/mammals-mammiferes/narightwhale-baleinenoirean/infographic/protecting-narw-eng.html> Areas are defined based on the latest science and reflect where most of right whales are expected to be foraging.

MV Marathassa's owners acquitted of fouling English Bay in oil spill. By Oscar Beardmore-Gray. *Globe and Mail (Canada)*. 7 February 2019. Available from: <https://www.theglobeandmail.com/canada/british-columbia/article-mv-marathassas-owners-acquitted-of-fouling-english-bay-in-oil-spill/> The owner of the *MV Marathassa*, the bulk carrier that spilled 2,700 litres of fuel oil into English Bay nearly four years ago, was acquitted of all charges Thursday after a judge concluded the crew had followed all reasonable measures to contain the spill when the leak was discovered.

Trouble brewing off South Africa's coast. By Chris Vlavianos. *Greenpeace International*. 8 February 2019. Available from: <https://www.greenpeace.org/africa/en/issues/protecttheenvironment/6382/trouble-brewing-off-south-africas-coast/> In response to the announcement that French oil giant Total has just made a significant oil and gas discovery 175 km off the southern coast of South Africa, Greenpeace Africa's Senior Climate and Energy Campaign Manager, Melita Steele, has said: "Greenpeace Africa strongly condemns Total's reckless oil exploration off the coast of South Africa."

UK trawlers ignoring ban on discarding edible fish at sea. By Fiona Harvey. *The Guardian*. 8 February 2019. Available from: <https://www.theguardian.com/environment/2019/feb/08/uk-ban-on-discarding-edible-fish-at-sea-thwarted-by-industry> Public backing for a ban on discarding edible fish at sea has been thwarted by the reluctance of the fishing industry and the government to put an end to the wasteful practice, the House of Lords has found.

Brexit: Seaborne Freight no-deal ferry contract scrapped. *BBC News*. 9 February 2019. Available from: <https://www.bbc.co.uk/news/uk-47182361> The government has axed its no-deal Brexit contract with a ferry company which had no ships, after the Irish company backing the deal pulled out.

New initiatives on renewable energy launched at World Government Summit 2019. *International Renewable Energy Agency (IRENA)*. 10 February 2019. Available from: <https://irena.org/newsroom/articles/2019/February/Global-SDG7-Council-Launches-New-Initiatives-at-World-Government-Summit-2019> With thousands of high-level delegates convening in Dubai for the UAE-led global platform dedicated to shaping the future of governments worldwide, this year's World Government Summit is setting the agenda for the next generation of governments, focusing on how they can harness innovation and technology to solve universal challenges facing humanity.


No more vessel waivers on Cabotage implementation, NIMASA warns. *Vanguard (Nigeria)*. 10 February 2019. Available from: <https://www.vanguardngr.com/2019/02/no-more-vessel-waivers-on-cabotage-implementation-nimasa-warns/> The Nigerian Maritime Administration and Safety Agency (NIMASA) on Sunday said it had commenced clampdown on vessels that do not comply with the provisions of the Cabotage Compliance Strategy.

Hapag-Lloyd and Cosco defend block exemption in comments to EU. By Tomas Kristiansen. *ShippingWatch*. 11 February 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11182845.ece> Will prices increase and customers get a better service if the container shipping sector's unique competitive rule is discontinued?

Pakistan kicks off International Maritime Conference focusing on Indian Ocean Region. *Daily FT (Sri Lanka)*. 11 February 2019. Available from: <http://www.ft.lk/shippingaviation/Pakistan-kicks-off-International-Maritime-Conference-focusing-on-Indian-Ocean-Region/21-672608> The three-day International Maritime Conference organised on the theme of 'Global Geopolitics in Transition: Rethinking Maritime Dynamics in the Indian Ocean Region' under the auspices of National Institute of Maritime Affairs has commenced.

Trusting the accountant: How emissions reporting is set to change. By Sam Morgan. *EurActiv*. 11 February 2019. Available from: <https://bit.ly/2Ezpz5n> Climate targets only function if countries, cities and companies report their emissions accurately.

Sultanate all set to unlock potential of ocean economy. By Zainab Al Nasser. *Oman Daily Observer*. 11 February 2019. Available from: www.omanobserver.om/sultanate-all-set-to-unlock-potential-of-ocean-economy/ A conference that aims to identify new technologies in ocean economy and benefiting from them kicked off on Monday.

Independent review of ramifications of the de-flagging of M/V Aquarius Dignitus. *Human Rights at Sea (HRAS)*. 11 February 2019. Available from: <https://www.humanrightsatsea.org/2019/02/11/independent-review-of-ramifications-of-the-de-flagging-of-m-v-aquarius-dignitus/> Human Rights at Sea issues its independent review and commentary into the 'Human Rights and International Rule of Law Ramifications of the De-Flagging of M/V Aquarius Dignitus'; a vessel chartered by SOS Méditerranée and previously operated in partnership with the Amsterdam-based branch of Médecins Sans Frontières, rescuing men, women and children in the Central Mediterranean Sea from certain death. [Full Report](#) 

Sea Watch 3 still held in Catania, despite rescue vessel vacuum in the Mediterranean.

By Neil Camilleri. *Malta Independent.* 11 February 2019. Available from:

<http://www.independent.com.mt/articles/2019-02-11/local-news/Sea-Watch-3-still-held-in-Catania-despite-rescue-vessel-vacuum-in-the-Mediterranean-6736203466>

The crew of the migrant rescue vessel *Sea Watch 3* are ready to continue life saving operations in the central Mediterranean but the vessel remains without permission to leave from Catania harbour, the NGO said yesterday.

India and Norway launch initiative to combat Marine Pollution. *Government of India.*

11 February 2019. Available from: <http://www.pib.nic.in/Pressreleaseshare.aspx?PRID=1563932>

The Ministry of Environment, Forests and Climate Change today signed a letter of Intent establishing the India-Norway Marine Pollution Initiative together with the Norwegian ministry of Foreign Affairs.

Deflagging of refugee rescue ship a 'dark moment' for Europe. **By Karen McVeigh.**

The Guardian. 12 February 2019. Available from: <https://www.theguardian.com/global-development/2019/feb/12/deflagging-refugee-rescue-ship-aquarius-a-dark-moment-for-europe>

The deflagging of the *Aquarius*, the last migrant rescue ship in the Mediterranean, represents a "dark moment" in European history, setting a dangerous precedent for states to flout international humanitarian laws.

Seychelles' plans to advance Blue Economy highlighted at African Union.

By Betymie Bonnelame. *Seychelles News Agency.* 12 February 2019. Available from:

<http://www.seychellesnewsagency.com/articles/10490/Seychelles+plans+to+advance+Blue+Economy+highlighted+at+African+Union>

The Seychelles' experiences, challenges, achievements and upcoming plans for advancing the Blue Economy were highlighted by the island nation's Vice President Vincent Meriton at the 32nd summit of the African Union.

A good maritime strategy flies under radar amid Brexit chaos. **By Terry Macalister.**

TradeWinds. 13 February 2019. Available from:

<https://www.tradewindsnews.com/weekly/1700137/a-good-maritime-strategy-flies-under-radar-amid-brexit-chaos>

While the government focuses on a schism that the UK does not need, the transport minister comes up with a blueprint for a commercially connected future.

Policymakers urged to formulate comprehensive and country specific blue economy plan.

By Donald Matthys. *Namibia Economist.* 13 February 2019. Available from:

<https://economist.com.na/41881/headlines/policymakers-urged-to-formulate-comprehensive-and-country-specific-blue-economy-plan/>

The current blue economy strategy outlined in the 5th National Development Plan is ambitious and might be unattainable over its 2017-2022 timeline, unless drastic measures are taken, a report by the Institute for Public Policy Research stated.

Abu Dhabi to host World Ocean Summit in March. *Emirates 24/7 (UAE).* 13 February 2019.

Available from: <https://www.emirates247.com/news/emirates/abu-dhabi-to-host-world-ocean-summit-in-march-2019-02-13-1.679573>

Abu Dhabi will host the sixth edition of the World Ocean Summit next month, marking the very first time the international conference comes to the Middle East.

Shipping costs: GWRC supports international efforts to reduce pollution from big ships.

Government of New Zealand. 14 February 2019. Available from: <http://www.gw.govt.nz/shipping-costs-gwrc-supports-international-efforts-to-reduce-pollution-from-big-ships/>

The natural attributes of Te Whanganui-a-Tara (Wellington Harbour) are attractive to tourists and commerce alike, but emissions remain after the vessels have headed off into the sunset.

Norway gives go-ahead to disputed Arctic copper mine. **By Terje Solsvik and**

Gwladys Fouche. *Reuters.* 14 February 2019. Available from:

<http://news.trust.org/item/20190214054852-5slz9/>

Norway's government approved on Thursday the building of a copper mine near Europe's northernmost point despite years of opposition from indigenous Sami herders and fishermen.

Paving the way for a global sustainable blue economy: Launch of the MSPglobal Initiative.

UNESCO. 14 February 2019. Available from: <https://en.unesco.org/news/paving-way-global-sustainable-blue-economy-launch-mspglobal-initiative> The Intergovernmental Oceanographic Commission (IOC) of UNESCO and the Directorate-General for Maritime Affairs and Fisheries (DG MARE) of the European Commission launched their new joint initiative MSPglobal on 11-12 February 2019 in Paris, France. [MSPglobal Project](#)

Norway court rules in Oslo's favour in snow crab case with implication for oil.

By Alister Doyle and Gwladys Fouche. *Euronews*. 14 February 2019. Available from: <https://www.euronews.com/2019/02/14/norway-court-rules-in-oslos-favour-in-snow-crab-case-with-implication-for-oil> Ships from European Union countries need permission from Oslo to catch snow crabs off Arctic islands north of Norway, the Norwegian Supreme Court said on Thursday, in a ruling that may make it harder for EU nations to explore for oil in the region.

Tank vessel operator convicted and sentenced for oil discharge offense, vessel captain indicted.

US Department of Justice. 14 February 2019. Available from: <https://www.justice.gov/opa/pr/tank-vessel-operator-convicted-and-sentenced-oil-discharge-offense-vessel-captain-indicted> Interorient Marine Services Limited, a vessel operating company, was convicted and sentenced yesterday in the Western District of Louisiana, for maintaining false and incomplete records relating to the discharge of oil from the tank vessel *Ridgebury Alexandra Z*, announced Assistant Attorney General Jeffrey Bossert Clark of the Environment and Natural Resources Division and United States Attorney David C. Joseph for the Western District of Louisiana.

Brexit deadline looms for Asia-bound ships as slow boats to China set sail from the UK.

By Finbarr Bermingham. *South China Morning Post*. 15 February 2019. Available from: <https://www.scmp.com/economy/china-economy/article/2186359/brexit-deadline-looms-asia-bound-ships-slow-boats-china-set> Dozens of cargo ships will set sail on Friday from the UK on journeys that will see them enter Asian ports after the United Kingdom has left the European Union.

Why Kenya and Somalia are fighting over ocean boundary. By Eliud Kibii and

Imende Benjamin. *The Star (Kenya)*. 18 February 2019. Available from: https://www.the-star.co.ke/news/2019/02/18/why-kenya-and-somalia-are-fighting-over-ocean-boundary_c1895998 Somali Prime Minister Hassan Ali Khayre's defiance not to postpone or stop the London meeting where contentious oil blocks were "auctioned" escalated diplomatic friction with Kenya.

Ridding the Arctic of the world's dirtiest fuel. By Dave Walsh. *The Ecologist*. 19 February 2019.

Available from: <https://theecologist.org/2019/feb/19/ridding-arctic-worlds-dirtiest-fuel> Shipping specialists from around the world are shuttering themselves in the International Maritime Organization's central London headquarters this week to thrash out a number of issues surrounding the threat of pollution to the climate and oceans from the global shipping industry.

Technologies for removing CO2 from the atmosphere will need to be integrated into climate policy in 2019, say national science academies across the EU.

European Academies Science Advisory Council (EASAC). 19 February 2019. Available from: <https://bit.ly/2SKdZtd> In a new statement, the European Academies' Science Advisory Council (EASAC), which represents the national science academies of the EU Member States, Norway, and Switzerland, says its latest analysis reveals that technologies and techniques for removing CO2 from the atmosphere are becoming even more significant with the failure to reverse the growth in global emissions.

Future of the blue planet: Parliament conference on oceans. *European Parliament*.

19 February 2019. Available from: <http://www.europarl.europa.eu/news/en/headlines/eu-affairs/20190213STO26336/future-of-the-blue-planet-parliament-conference-on-oceans> The oceans are of crucial importance as they are home to a rich biodiversity, act as climate regulators and offer food security.

MARINA gears up for IMSAS 2021. *Government of the Philippines.* 20 February 2019.

Available from: <http://marina.gov.ph/2019/02/20/marina-gears-up-for-imsas-2021/> To gear up the country's overall performance as a Member State in the incoming International Maritime Organization Member State Audit Scheme (IMSAS) on 2021, the Maritime Industry Authority (MARINA) hosts a training and workshop for the Philippine maritime administration on 18 to 22 February 2019.

Africa must invest in the new 'high seas' treaty. *By Agnes Ebo'o. Institute for Security Studies.*

20 February 2019. Available from: <https://issafrica.org/iss-today/africa-must-invest-in-the-new-high-seas-treaty> With its vast coastline and high levels of organised crime, treaty negotiations must include Africa's priorities.

Shipping organizations: Protecting Salish Sea is a shared responsibility. *World Maritime News.*

21 February 2019. Available from: <https://worldmaritimeneeds.com/archives/271855/> Canada's Chamber of Shipping and the US-based Pacific Merchant Shipping Association (PMSA) have urged governments of the two nations to respect the binational collaboration aimed at protecting the Salish Sea.

ISMI empowers 30 fishery officers to clampdown illicit fishing on the gulf waters.

By Emmanuel Ajarfor Abugri. Modern Ghana. 21 February 2019. Available from: <https://www.modernghana.com/news/917336/ismi-empowers-30-fishery-officers-to-clampdown-illicit-fishi.html> The Interregional Institute for Maritime Security has deepened the capacity of fishery officers to fight against Illegal, Unreported and Unregulated fishing in the Gulf of Guinea.

Joint Pilot Project EUBAM - FRONTEX - Italy for the Libyan General Administration for Coastal Security (GACS). *European Union.* 21 February 2019. Available from:

<https://eeas.europa.eu/headquarters/headquarters-homepage/58534> The Joint Pilot training is organised by EUBAM Libya, the Italian Ministry of Interior, and Frontex.

Maritime regulator takes the lead in mangrove conservation efforts. *By Philip Mwakio.*

Standard Digital (Kenya). 22 February 2019. Available from: <https://www.standardmedia.co.ke/business/article/2001313960/maritime-regulator-takes-the-lead-in-mangrove-conservation-efforts> Maritime regulator, Kenya Maritime Authority (KMA) has stepped up efforts to conserve the endangered mangrove forest cover along the Coast by planting over 3000 seedlings.

Attention shifts to ICJ as Kenya stands ground on border dispute. *By Brian Ngugi. Business Daily (Kenya).* 24 February 2019. Available from:

<https://www.businessdailyafrica.com/economy/Kenya-stands-ground-on-border-dispute/3946234-4997262-c47pg3/index.html> Attention shifts to the international court after Kenya last week set its "bare minimum" on the raging border dispute with Somalia over a coastal strip believed to harbour oil, natural gas and mineral reserves.

Top UN judges set to rule on Chagos islands dispute. *Channel News Asia.* 25 February 2019.

Available from: <https://www.channelnewsasia.com/news/world/top-un-judges-set-to-rule-on-chagos-islands-dispute-11286110> The UN's top court could help resolve a decades-long dispute over Britain's eviction of the Chagos islanders to make way for a secretive military base on Diego Garcia, in an opinion to be delivered Monday.

UK must end 'unlawful' administration of Chagos Archipelago 'as rapidly as possible,' top UN court rules. *UN News.* 25 February 2019. Available from:

<https://news.un.org/en/story/2019/02/1033532> The Chagos Islands were retained by the United Kingdom during negotiations over independence for the Indian Ocean island of Mauritius, which came to fruition in 1968.

Legal consequences of the separation of the Chagos Archipelago from Mauritius in 1965.

International Court of Justice (ICJ). 25 February 2019. Available from: <https://www.icj-cij.org/files/case-related/169/169-20190225-01-00-EN.pdf> Events leading to the adoption of General Assembly resolution 71/292 requesting an advisory opinion.

US climate and oceans agency hit by leadership shake-up. By Jeff Tollefson. *Nature*.

26 February 2019. Available from: <https://www.nature.com/articles/d41586-019-00702-z> Former industry scientist Neil Jacobs takes over as acting chief of the National Oceanic and Atmospheric Administration in a sudden switch.

Switzerland puts geoengineering governance on UN environment agenda. By Sara Stefanini.

Climate Home News. 26 February 2019. Available from: <https://www.climatechangenews.com/2019/02/26/swiss-push-talk-geoengineering-goes-sci-fi-reality/> Switzerland wants the world to talk about if and how to use untested technology that tampers with nature to slow climate change – and will ask the UN's environment arm to take the lead.

ICS voices its concerns on the new Canadian Legislation. *Safety4Sea*. 26 February 2019.

Available from: <https://safety4sea.com/ics-voices-its-concerns-on-the-new-canadian-legislation/> The International Chamber of Shipping (ICS), that represents the world's national shipowners' associations and 80% of the world merchant fleet, addressed its concerns about the Canadian proposed legislation which it says will interfere with international maritime trade.

Tackling illegal fishing, new marine ranger force finds its sea legs. By Melanie Lidman.

Times of Israel. 28 February 2019. Available from: <https://www.timesofisrael.com/tackling-illegal-fishing-new-marine-ranger-force-finds-its-sea-legs/> A new marine ranger force aimed at stopping illegal fishing in Israel has netted more than a quarter of a million shekels in fines in the first seven months of operation, the Nature and Parks Authority announced this month.

MARINE TECHNOLOGY

Ballast water systems supplier in sales record in 2018. By Christian Carlsen. *ShippingWatch*.

30 January 2019. Available from: <https://shippingwatch.com/secure/suppliers/article11158509.ece> 2018 brought a record revenue for Norwegian ballast water treatment systems supplier Optimarin.

Portuguese government launches maritime start-up accelerator. By Sam Chambers.

Splash 247.com. 31 January 2019. Available from: <https://splash247.com/portuguese-government-launches-maritime-start-up-accelerator/> The Portuguese government, which has latterly been upping its shipping game, has launched a program to accelerate maritime-related start-ups.

Batteries have power to transform cruising. *Ship & Bunker*. 31 January 2019. Available from:

<https://shipandbunker.com/news/world/693458-batteries-have-power-to-transform-cruising> Norwegian cruise operator Hurtigruten is building two ships powered by electricity from batteries.

Royal Navy boosts autonomous vessel capabilities. *Maritime Executive*. 5 February 2019.

Available from: <https://www.maritime-executive.com/article/royal-navy-boosts-autonomous-vessel-capabilities> L3 ASV has delivered a long-endurance autonomous vessel known as the *C-Enduro* to the Royal Navy.

Open-loop scrubbers - an own goal for the shipping industry. By Marcus Hand.

Seatrade Maritime News. 7 February 2019. Available from: <http://www.seatrade-maritime.com/news/asia/open-loop-scrubbers-an-own-goal-for-the-shipping-industry.html> The debate currently raging over the use of open-loop scrubbers to meet the requirements of the IMO's 2020 0.5% sulphur cap for marine fuel represents a massive own goal by the industry from both a PR and global regulatory perspective.

Startup wants to use robots as cleaners for ships. By Simon Valeur. *ShippingWatch*.

11 February 2019. Available from: <https://shippingwatch.com/secure/Services/article11183221.ece>
J. Lauritzen and Norden have already installed several of Cliin's new cleaning robots in order to save time and money on cleaning cargo holds.

Wilhelmsen and Hitachi High-Tech Analytical Science partnership delivers convenient IMO 2020 compliance, with quick and easy on-board fuel sulphur testing. *Wilhelmsen*.

11 February 2019. Available from: <https://bit.ly/2SNCqWw> With the International Maritime Organisation's 0.50% global sulphur cap on marine fuels set to come into force on 1 January 2020 and discussions on enforcement strategies and potential penalties for non-compliance gathering pace, the ability to perform lab-quality testing in seconds, will soon become an operational necessity for crews, and authorities, alike.

Drones to monitor rising emissions from shipping. *Asia Pacific Daily (China)*. 12 February 2019.

Available from: <https://www.apdnews.com/news/937129.html?node=781> Hong Kong is gearing up to use drones to monitor emissions from ships.

Maritime autonomous surface ships on the horizon. By Jarle Fosen. *Gard*. 13 February 2019.

Available from: <http://www.gard.no/web/updates/content/27107214/maritime-autonomous-surface-ships-on-the-horizon> Technological advances and the need for sustainable solutions at sea, require safe, flexible and adaptable approaches.

Class approved new scrubber technologie from Value Maritime. *Value Maritime*.

14 February 2019. Available from: <https://valuemaritime.com/class-approved-new-scrubber-technology/> Lloyds has approved certification for the new Value Maritime scrubber system.

Fuel consumption and CO2 emissions reporting application released by Bureau Veritas.

Hellenic Shipping News. 15 February 2019. Available from: <https://www.hellenicshippingnews.com/fuel-consumption-and-co2-emissions-reporting-application-released-by-bureau-veritas/> Bureau Veritas, a world leader in laboratory testing, inspection, and certification services, announces the release of 'Phase 2' of My Fuel Consumption (MFC), the online tool to facilitate compliance with fuel consumption regulations – both IMO's data collection system (DCS) and the EU's monitoring, reporting and verification (MRV) requirements.

MOL conducts underwater drone demonstration test for vessel bottom inspection - checking condition of submerged areas of the hull using remotely operated subsea vehicle. *Mitsui O.S.K.Lines (MOL)*.

19 February 2019. Available from: <https://bit.ly/2NLWY0N> Mitsui O.S.K. Lines, Ltd., today announced that it partnered with Sekido Co., Ltd., and MOL Marine Co., Ltd., to test the use of a Remotely Operated Subsea Vehicle (subsea ROV) to inspect the submerged areas of the hull on an MOL Marine-operated cable-laying ship.

New studies defend open-loop scrubbers. By Niklas Krigslund. *ShippingWatch*.

22 February 2019. Available from: <https://shippingwatch.com/secure/carriers/article11209914.ece>
After strong criticism of the technology, two new studies carried out by Japan and large-scale cruise ship owner Carnival defend the use of open-loop scrubbers.

Carnival unveils study on open-loop scrubber quality. By Anastassios Adamopoulos.

Lloyd's List. 22 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126374/Carnival-unveils-study-on-openloop-scrubber-quality> A study commissioned by cruise heavyweight company Carnival into its open-loop scrubbers has found that, on average, the quality of its ships' wash-water discharges is within various land-discharge criteria standards.

Maersk could cut CO2 faster with retrofits, says UCL. *Hellenic Shipping News.*

25 February 2019. Available from: <https://www.hellenicshippingnews.com/maersk-could-cut-co2-faster-with-retrofits-says-ucl/> Maersk has declared its intent of becoming the first shipping line to achieve zero-emission shipping, introducing a specific segment on its progress in this year's sustainability report.

Hype around open loop scrubbers likely to risk IMO 2020 compliance: EGCSA.

By Surabhi Sahu. *S&P Global Platts.* 26 February 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/022619-hype-around-open-loop-scrubbers-likely-to-risk-imo-2020-compliance-egcsa> The Exhaust Gas Cleaning Systems Association said Monday that fanning unnecessary concerns over the use of open loop scrubbers were adding to the uncertainty around compliance to the International Maritime Organization's global sulfur limit for marine fuels.

Interview: The ins and outs of scrubbers. *World Maritime News.* 26 February 2019.

Available from: <https://worldmaritimeneews.com/archives/272161/interview-the-ins-and-outs-of-scrubbers/> In preparation for the upcoming global sulphur cap, set to enter into force in January 2020, many owners opted to install exhaust gas cleaning systems (EGCS) on their vessels to attain compliance.

Maritime autonomous surface ships - identifying and covering the risks. *Gard.*

27 February 2019. Available from: <http://www.gard.no/web/updates/content/27188643/maritime-autonomous-surface-ships-identifying-and-covering-the-risks> In this article, we focus on the challenges of adapting the existing regulatory regime and traditional marine insurance policy wordings to autonomous vessels.

Ship Technology Global Issue 63: Bringing space tech to the seas. *Ship-Technology.com.*

27 February 2019. Available from: <https://www.ship-technology.com/features/ship-technology-global-issue-63-bringing-space-tech-to-the-seas/> In this issue: three key solutions for decarbonizing shipping, the potential for fuel cells in propulsion, cleaning up ports around the world, and more.

MARITIME EDUCATION & TRAINING

Maritime varsity to boost job opportunities in shipping sector. *Guardian (Nigeria).*

6 February 2019. Available from: <https://guardian.ng/business-services/maritime/maritime-varsity-to-boost-job-opportunities-in-shipping-sector/> More Nigerians would be having opportunities to play significant role in the maritime sector, with the Nigeria Maritime University, Okerenkoko, Delta State, providing quality trainings to buoy the skill of Nigerian youths in shipping.

EMSA launches the "European Neighbours Policy" Maritime Fellowships at WMU. *World Maritime University (WMU).*

7 February 2019. Available from: <https://www.wmu.se/news/emsa-launches-european-neighbours-policy-maritime-fellowships-wmu> The European Maritime Safety Agency (EMSA) officially launched nominations of candidates to join the next class of the Master of Science in Maritime Affairs at the World Maritime University (WMU) for the class 2019-2020.

Students graduate from maritime academy. **By Yolanda Lavata'i.** *Samoa Observer.*

8 February 2019. Available from: http://www.samoaoobserver.ws/en/08_02_2019/local/40970/Students-graduate-from-maritime-academy.htm A total of 142 students have graduated from the Samoa Shipping Maritime Academy

Seafarers' training: provisional agreement with Parliament on simpler framework. *Council of the European Union.*

11 February 2019. Available from: <https://bit.ly/2VBwVft> The EU is streamlining its regulatory framework on seafarers' training and certification.

Update STCW to address technical training. By Martyn Wingrove. *Marine Propulsion & Auxiliary Machinery*. 12 February 2019. Available from: https://www.mpropulsion.com/news/view/update-stcw-to-address-technical-training_56802.htm IMO's standard training requirements may no longer be enough to satisfy owner's requirements for their crew to show competency in the latest technology.

Pacific Community conducts Domestic Ship Safety Training in Port Vila. By Jason Abel. *Vanuatu Daily Post*. 12 February 2019. Available from: <https://bit.ly/2tPqiKH> The Pacific Community is conducting a 3-day training on Pacific Islands Domestic Ship Safety in Port Vila.

Enhancing European know-how and competitiveness through #Seafarers' training. *EU Reporter*. 13 February 2019. Available from: <https://www.eureporter.co/frontpage/2019/02/13/enhancing-european-know-how-and-competitiveness-through-seafarers-training/> Improving the education, training and certification of seafarers has been considered particularly important with a view to attaining a high level of safety.


Seafarers of the future: Schulte takes a bet on Africa. By Ian Lewis. *TradeWinds*. 19 February 2019. Available from: <https://www.tradewindsnews.com/TWplus/1692618/seafarers-of-the-future-schulte-takes-a-bet-on-africa> The nations that provide the world's seafarers cannot be relied on to do so forever, says Ian Beveridge.

Maritime Educational Foundation improves access to training support with new website. *Nautilus International*. 21 February 2019. Available from: <https://www.nautilusint.org/en/news-insight/news/maritime-educational-foundation-improves-access-to-training-support-with-new-website/> Nautilus has welcomed a new seafarer training website which has been launched by the Maritime Educational Foundation.

Columbia Shipmanagement takes eLearning to next level. *Maritime Executive*. 26 February 2019. Available from: <https://www.maritime-executive.com/corporate/columbia-shipmanagement-takes-elearning-to-next-level> Columbia Shipmanagement proudly announces the launch of its own eLearning Management System (LMS) in partnership with Adobe Systems.

Are merchant seafarer training standards fit for purpose? *Ship-Technology.com*. 27 February 2019. Available from: https://ship.nridigital.com/ship_mar19/are_merchant_seafarer_training_standards_fit_for_purpose The 2010 Manila Amendments introduced new capacities and certificates, such as those for Electro Technical Officers (ETOs), the latest training and certification requirements including security-related training, and new competences, such as in the use of Electronic Chart Display and Information Systems (ECDIS).

MARITIME SAFETY

Cargo liquefaction continues to be a major risk for dry bulk shipping. *International Association of Dry Cargo Shipowners (INTERCARGO)*. 31 January 2019. Available from: https://www.intercargo.org/wp-content/uploads/2019/01/INTERCARGO-MEDIA-RELEASE_31_01_2019-1.pdf  INTERCARGO welcomes the latest amendment to the International Maritime Solid Bulk Cargoes Code (IMSBC 04-17) which entered into force on 1st January 2019 and includes important updates related to cargoes that may liquefy.

Gas detection: technology drives safety gains. By Ed Martin. *Tanker Shipping & Trade*. 11 February 2019. Available from: https://www.tankershipping.com/news/view_gas-detection-technology-drives-safety-gains_56795.htm The risk of gas leaks on board tankers was thrown into the spotlight recently following a high-profile incident in California late last year.

EU Maritime Safety Agency awards managed connectivity services contract to SES.

SES Network. 14 February 2019. Available from: <https://www.ses.com/press-release/eu-maritime-safety-agency-awards-managed-connectivity-services-contract-ses> SES Networks' managed services will boost connectivity for Remotely Piloted Aircraft Systems (RPAS) services of the European Maritime Safety Agency (EMSA) provided to EU Member States and Agencies.

SAFETY4SEA Conference in Cyprus addresses industry's sustainability challenges.

Safety4Sea. 21 February 2019. Available from: <https://safety4sea.com/safety4sea-conference-in-cyprus-addresses-industrys-sustainability-challenges/> The 2019 SAFETY4SEA Conference in Cyprus successfully concluded on Wednesday 20th February, at the Columbia Plaza in Limassol, attracting 250 delegates from a total of 130 organizations.

MARITIME SECURITY

Cyber preparedness is needed to meet IMO safety requirements. By Ed Martin.

Maritime Digitalisation & Communications. 28 January 2019. Available from: https://www.marinemec.com/news/view.cyber-preparedness-is-needed-to-meet-imo-safety-requirements_56595.htm When most people in shipping hear about IMO requirements, they immediately think of the 2020 sulphur cap that has dominated headlines lately, but there is another deadline coming up that requires consideration too – the requirement for cyber security to be addressed in safety management systems by January 2021.

Huge cocaine shipment swapped with salt to catch traffickers. By Lorenzo Tondo.

The Guardian. 31 January 2019. Available from: <https://www.theguardian.com/world/2019/jan/31/two-tonnes-of-cocaine-seized-at-italian-port> Italian police have taken possession of more than two tonnes of cocaine in the largest drugs seizure in the country in 25 years, after a sting operation involving three other nations across two continents.

Sea Shepherd vessel attacked again in Gulf of California. *Maritime Executive*. 2 February 2019.

Available from: <https://maritime-executive.com/article/sea-shepherd-vessel-attacked-again-in-gulf-of-california> On January 31, Sea Shepherd Vessel *M/V Farley Mowat* was attacked by over 50 assailants the organization says were posing as fishermen.

RAN seizes illegal drug shipments in the Middle East. *Government of Australia*. 2 February 2019.


Available from: <http://news.navy.gov.au/en/Feb2019/Operations/5049/RAN-seizes-illegal-drug-shipments-in-the-Middle-East.htm> Royal Australian Navy frigate, *HMAS Ballarat*, has seized more than 2.1 tonnes of hashish and 345 kilograms of heroin in two boarding operations in the Arabian Sea.

Eastern Pacific Shipping tanker seized at Cameroon refinery. By Vincent Wee. *Lloyd's List*.

3 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126120/Eastern-Pacific-Shipping-tanker-seized-at-Cameroon-refinery> Eastern Pacific Shipping has confirmed that its aframax tanker *Barents Sea* has been seized by local parties at the Sonara refinery in Cameroon and condemned what it called an "act of unprovoked aggression".

UNODC Executive Director welcomes Security Council debate on growing threat of transnational maritime crime. *United Nations Office on Drugs and Crime (UNODC)*.

5 February 2019. Available from: <http://www.unodc.org/unodc/en/frontpage/2019/February/unodc-co-hosts-conference-on-addressing-illicit-firearms-trafficking-and-its-nexus-with-organised-crime-and-terrorism.html> Transnational maritime crime is becoming increasingly sophisticated as criminal groups exploit jurisdiction and enforcement challenges on the high seas, warned Yury Fedotov, Executive Director of the *UNODC* in his briefing to the United Nations Security Council debate on transnational organized crime at sea.

Piracy and high seas crime growing, becoming more sophisticated, UN Security Council told. *UN News*. 5 February 2019. Available from: <https://news.un.org/en/story/2019/02/1032011> 
"Two-thirds of the world's surface is ocean. Nearly all of that is beyond any State's territorial waters and largely not subject to a single state criminal jurisdiction," Yury Fedotov, Executive Director of the UNODC said as he briefed the Council's first-ever debate targeting the global challenge of transnational maritime crime.

Global shipping makes the connection on Cyber Security. By Peter Broadhurst. *Safety4Sea*. 6 February 2019. Available from: <https://safety4sea.com/global-shipping-makes-the-connection-on-cyber-security/> Whether in pursuit of personal data or money, cyber crime is now a big and highly automated business, ready to strike at the most vulnerable part of an organisation's defences 24/7, anywhere in the world.

Militia release Eastern Pacific Shipping's tanker in Cameroon. *Maritime Executive*. 6 February 2019. Available from: <https://www.maritime-executive.com/article/militia-release-eastern-pacific-shipping-s-tanker-in-cameroon> Eastern Pacific Shipping (EPS) has issued a statement confirming that its managed Singapore-flagged tanker *Barents Sea* was released by the Cameroonian armed militia on February 5.

SA playing its part to curb maritime crime. *South African Government News Agency*. 6 February 2019. Available from: <https://www.sanews.gov.za/south-africa/sa-playing-its-part-curb-maritime-crime> South Africa says it is actively playing its part to combat transnational organised maritime crime, while remaining committed to its international obligations aimed at combating lawlessness at sea.

Key actions to protect submarine cables from criminal activity identified at UNODC global expert meeting. *United Nations Office on Drugs and Crime (UNODC)*. 7 February 2019. Available from: <https://www.unodc.org/unodc/en/frontpage/2019/February/key-actions-to-protect-submarine-cables-from-criminal-activity-identified-at-unodc-global-expert-meeting.html?ref=fs2> While many believe that the majority of global telecommunications, including the internet, is transmitted through satellite, the reality is that over 95% of such communication occurs through fibre-optic cables.

FG committed to eradicating sea crime - Dakuku. By Isichei Osamgbi. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 8 February 2019. Available from: <http://nimasa.gov.ng/press-center/post/fg-committed-to-eradicating-sea-crime-dakuku> In its effort to rid the Nigerian maritime domain of criminalities, the Federal Government through the Nigerian Maritime Administration and Safety Agency (NIMASA) has undertaken surveillance training for officers from the Nigerian Army, Nigerian Navy, Nigerian Air Force, Nigeria Police, the Department of State Services (DSS), and NIMASA, on the C4I Integrated Surveillance Systems operation.

Gov't forces strengthen maritime security in Davao. By Rhoda Grace Saron. *Philippine Information Agency (PIA)*. 14 February 2019. Available from: <http://www.pna.gov.ph/articles/1061820> Law enforcement agencies and the Armed Forces of the Philippines (AFP), led by the Coast Guard District Southeastern Mindanao (CGDSEM), on Wednesday conducted an Inter-agency Maritime Law Enforcement and Search and Rescue Exercise to further strengthen security at this city's shorelines and ports.

New data and analysis cell to help combat illegal fishing. By Sarah Bladen. *Global Fishing Watch*. 14 February 2019. Available from: <https://globalfishingwatch.org/news-views/analysis-cell/> Global Fishing Watch with the support of Bloomberg Philanthropies, today launched a new Data and Analysis Cell, with the appointment of Charles Kilgour to lead the new unit within the organisation.

Protection Vessels International: Weekly Maritime Security Report: East Africa and the Indian Ocean. *Hellenic Shipping News*. 15 February 2019. Available from: <https://www.hellenicshippingnews.com/weekly-maritime-security-report-19/> India: Robbers attempt to board berthed tanker at Kandla Port.

The navy's sustained fight against maritime crimes. *This Day (Nigeria)*. 18 February 2019. Available from: <https://www.thisdaylive.com/index.php/2019/02/18/the-navys-sustained-fight-against-maritime-crimes/> Chiemelie Ezeobi, who takes a look at Nigerian Navy's operations in 2018, writes that the sustained fight against maritime crimes is yielding results despite daunting challenges.

The hunt for the fish pirates who exploit the sea. By Richard Gray. *BBC Future*. 18 February 2019. Available from: <http://www.bbc.com/future/story/20190213-the-dramatic-hunt-for-the-fish-pirates-exploiting-our-seas> For 10 years, a rogue fishing vessel and its crew plundered the world's oceans, escaping repeated attempts of capture.

Maritime: Shippers Council, Navy collaborate to tackle insecurity on Nigerian waterways. By Tyavzua Saanyol. *Nigerian Tribune*. 26 February 2019. Available from: <https://www.tribuneonlineng.com/193102/> The Nigerian Shippers Council (NSC) and the Nigerian Navy has entered into a partnership in a bid to reduce the high level of maritime crime witnessed on Nigerian waterways over the past years.

Ship Captains cry out over incessant attacks at Onne Port. By Andrew Utulu. *Independent (Nigeria)*. 27 February 2019. Available from: <https://www.independent.ng/ship-captains-cry-out-over-incessant-attacks-at-onne-port/> Captains of Ships have cried out over criminal attacks on ships that berth at the Federal Ocean Terminal and the Federal Lighter Terminal located at Onne port in Rivers State.

UNODC co-organizes first regional workshop in Eritrea on countering transnational organized crime. *United Nations Office on Drugs and Crime (UNODC)*. February 2019. Available from: <https://www.unodc.org/unodc/en/frontpage/2019/February/unodc-co-organizes-first-regional-workshop-in-eritrea-on-countering-transnational-organized-crime.html> By its very nature, transnational organized crime is committed across borders and addressing it requires international and regional cooperation.

MIGRANTS

More than 130 migrants reported missing following two shipwrecks off Djibouti coast. *International Organization for Migration (IOM)*. 29 January 2019. Available from: <https://www.iom.int/news/more-130-migrants-reported-missing-following-two-shipwrecks-djibouti-coast> More than 130 migrants went missing on Tuesday morning (29 January) off the coast of Djibouti after two boats capsized.

Death toll mounts as search continues for survivors of Djibouti boat tragedy. *International Organization for Migration (IOM)*. 30 January 2019. Available from: <https://www.iom.int/news/death-toll-mounts-search-continues-survivors-djibouti-boat-tragedy> International Organization for Migration (IOM) staff based in Obock, on Djibouti's Red Sea coast, are reporting Wednesday that a total of 16 survivors have been recovered from Tuesday's sea tragedy.

Sea Watch rescue ship docks in Italy with 47 migrants. *Deutsche Welle (Germany)*. 31 January 2019. Available from: <https://www.dw.com/en/sea-watch-rescue-ship-docks-in-italy-with-47-migrants/a-47305077> The latest standoff between Italy and the EU over sea rescues has ended with 47 migrants landing in Sicily.


Mediterranean migrant arrivals reach 5,989 in 2019; Deaths reach 208. *International Organization for Migration (IOM)*. 1 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-5989-2019-deaths-reach-208>
IOM reports that 5,989 migrants and refugees have entered Europe by sea through the first 30 days of 2019, a slight decrease from the 6,550 arriving during the same period last year.

Mediterranean migrant arrivals reach 6,413 in 2019; Deaths reach 208. *International Organization for Migration (IOM)*. 5 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-6413-2019-deaths-reach-208>
IOM reports that 6,413 migrants and refugees have entered Europe by sea through the first 34 days of 2019, a 17 percent decrease from the 7,499 arriving during the same period last year.

Mediterranean migrant arrivals reach 6,932; Deaths reach 211. *International Organization for Migration (IOM)*. 8 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-6932-deaths-reach-211>
IOM reports that 6,932 migrants and refugees have entered Europe by sea through the first 38 days of 2019, a 12 per cent decrease from the 7,795 arriving during the same period last year.

Mediterranean migrant arrivals reach 7,113 in 2019; Deaths reach 216. *International Organization for Migration (IOM)*. 12 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-7113-2019-deaths-reach-216>
IOM reports that 7,113 migrants and refugees have entered Europe by sea through the first 10 February, a significant decrease from the 8,234 arriving during the same period last year.

Mediterranean migrant arrivals reach 7,510 in 2019; Deaths reach 217. *International Organization for Migration (IOM)*. 15 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-7510-2019-deaths-reach-217>
IOM reports that 7,510 migrants and refugees have entered Europe by sea through the first 44 days of 2019, almost a 9 per cent decline from the 8,234 arriving during the same period last year.

Channel migrant boat off Dover held 34 people. *BBC News*. 18 February 2019. Available from: <https://www.bbc.co.uk/news/uk-england-kent-47282916>  A group of 34 migrants have been brought ashore after the Border Force intercepted a boat in the Channel.

Mediterranean migrant arrivals reach 8,058 in 2019; Deaths reach 217. *International Organization for Migration (IOM)*. 19 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-8058-2019-deaths-reach-217>
IOM reports that 8,058 migrants and refugees have entered Europe by sea through the first 58 days of 2019, a 10 per cent decrease from the 8,807 arriving during the same period last year.

Spain and Morocco reach deal to curb irregular migration flows. *By María Martín and Lucía Abellán. El País (Spain)*. 21 February 2019. Available from: https://elpais.com/elpais/2019/02/21/inenglish/1550736538_089908.html
Spain and Morocco have reached an agreement on an unprecedented strategy to contain irregular immigration.

Mediterranean migrant arrivals reach 8,269 in 2019; Deaths reach 221. *International Organization for Migration (IOM)*. 22 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-8269-2019-deaths-reach-221>
IOM reports that 8,269 migrants and refugees have entered Europe by sea through 20 February, a 15 per cent decrease from the 9,765 arriving during the same period last year.

Mediterranean migrant arrivals reach 8,950 in 2019; Deaths reach 223. *International Organization for Migration (IOM)*. 27 February 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-8950-2019-deaths-reach-223>
IOM reports that 8,950 migrants and refugees have entered Europe by sea through 24 February, a 10 per cent decrease from the 10,016 arriving during the same period last year.

NAVIGATION & COMMUNICATIONS

Don't be misled by the apparent accuracy of electronic navigation aids. *Standard Club*. 29 January 2019. Available from: <http://www.standard-club.com/news-and-knowledge/news/2019/01/article-don-t-be-misled-by-the-apparent-accuracy-of-electronic-navigation-aids.aspx> Maritime navigation has undergone a gradual increase in precision and accuracy, from early astro-navigation through Harrison's chronometers to modern satellite systems.

IMO moves closer to standardisation and safer navigation. *By Mette Kronholm Fraende. BIMCO*. 30 January 2019. Available from: <https://www.bimco.org/news/safety/20190130-imo-navigation> A sub-committee under the IMO have forwarded three documents for adoption in June, moving one step closer to the adoption of a standardised system for electronic navigation.

Ice and easy: The next level of hybridization. *Hellenic Shipping News*. 1 February 2019. Available from: <https://www.hellenicshippingnews.com/ice-and-easy-the-next-level-of-hybridization/> The demanding conditions of the Baltic Sea and the Gulf of Bothnia are plain sailing for *MS Viikki*, the world's first LNG-fueled bulk carrier, thanks to an innovative delivery from WE Tech.

China Focus: BeiDou achieves real-time transmission of deep-sea data. *Xinhuanet (China)*. 1 February 2019. Available from: http://www.xinhuanet.com/english/2019-02/01/c_137792605.htm China has achieved real-time transmission of deep-sea data at 6,000-meter depth through its self-developed BeiDou satellites for the first time, a move essential to more secure, independent and reliable deep-sea data transmission.

World magnetic model out-of-cycle release. *US National Oceanic and Atmospheric Administration (NOAA)*. 4 February 2019. Available from: <https://www.ncei.noaa.gov/news/world-magnetic-model-out-cycle-release> Earth's northern magnetic pole is moving quickly away from the Canadian Arctic toward Siberia.

Iranian ships with no problem to commute in int'l waters. *Islamic Republic News Agency - IRNA (Iran)*. 12 February 2019. Available from: <http://www.irna.ir/en/News/83207070> Deputy Director of Marine Affairs of Ports and Maritime Organization of Iran said that although Iran is facing unfair sanctions and all-out economic war, Iranian ship in terms of insurance, classification and transportation in international waters have no problems.

If sea levels rise and Pacific nations go under water - what happens to maritime boundaries? *By Stephen Dziedzic. ABC (Australia)*. 12 February 2019. Available from: <https://www.abc.net.au/news/2019-02-13/what-happens-to-maritime-boundaries-after-sea-level-rise/10804478> Scientists have long predicted climate change could pose an existential threat to the tiny island nations which dot the Pacific.

Spain and Gibraltar offer differing accounts of warship incident. *By Guy Faulconbridge, Jose Elias Rodriguez, and Joan Faus. Reuters*. 18 February 2019. Available from: <https://www.reuters.com/article/us-britain-spain-gibraltar-idUSKCN1Q70L6> Authorities in Madrid and Gibraltar gave differing versions on Monday of an incident in which a Spanish warship told commercial ships to leave anchorages near Gibraltar, the latest example of tension over the strategic port as Brexit approaches.

Magnetic North Relocation and Future Maritime Navigation. *By Harry Valentine. Maritime Executive*. 23 February 2019. Available from: <https://www.maritime-executive.com/editorials/magnetic-north-relocation-and-future-maritime-navigation> Recent scientific reports have advised about magnetic north drifting toward Siberia, and steps are being undertaken to assist international transportation in regard to directional accuracy.

Fault-lines surface in Arctic as region turns into geopolitical hotspot.

By Alexandra Brzozowski. *EurActiv*. 26 February 2019. Available from: <https://www.euractiv.com/section/arctic-agenda/news/fault-lines-surface-in-arctic-as-region-turns-into-geopolitical-hot-spot/> As the Arctic ice melts, a new ocean with fresh trade routes and untapped natural resources opens up in Europe's High North, leaving the region caught between cooperation and militarisation.

PORT STATE CONTROL

Bahamas records lowest ever number of annual PSC detentions. *Hellenic Shipping News*.

31 January 2019. Available from: <https://www.hellenicshippingnews.com/bahamas-records-lowest-ever-number-of-annual-psc-detentions/> The Bahamas Maritime Authority (BMA) has recorded its lowest ever number of annual detentions following port state control (PSC) inspections with only 24 ships being detained in 2018.

Foreign flagged ships detained in the UK during January 2019. *UK Maritime & Coastguard Agency*.

20 February 2019. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-detained-in-the-uk-during-january-2019> The Maritime and Coastguard Agency (MCA) announced today that four foreign flagged ships remained under detention in UK ports during January 2019 after failing Port State Control (PSC) inspection.

PORTS & HARBOURS

Port risks losing ships for lack of clear path, warns land agency. By Wachira Mwangi and Winnie Atieno.

Business Daily (Kenya). 29 January 2019. Available from: <https://www.businessdailyafrica.com/corporate/shipping/Port-risks-losing-ships-for-lack-of-clear-path/4003122-4957246-ci4psi/index.html> Kenya risks losing ships at the Port of Mombasa if navigational aids leading to the harbour continue being blocked by illegal structures, the National Land Commission (NLC) has warned.

Higher fuel prices in 2020 could shift 1.2m teu back to US West Coast ports. By Barry Parker.

Seatrade Maritime News. 1 February 2019. Available from: <https://bit.ly/2UrXHHf> The expanded Panama Canal saw container trade switching from the US West Coast calls, with landbridge connections inland, to calls on the East Coast, however, higher fuel costs associated with the IMO's 2020 sulphur cap could drive up to 1.2m teu of trade back to West Coast ports.

Agreement signed for waste disposal facility. *Times of Oman*. 2 February 2019. Available from:

<https://timesofoman.com/article/775094/Business/Economy/Pact-signed-for-state-of-the-art-waste-discharge-facility-at-Sohar-Port> The signing took place at the Sohar Port and Freezone head office, and reinforces its commitment towards incorporating environmentally friendly solutions and initiatives and promoting sustainable development in and around the port and freezone.

Port agency steps up effort to curb ship pollution. By Samuel Baya. *Business Daily (Kenya)*.

5 February 2019. Available from: <https://www.businessdailyafrica.com/corporate/shipping/Port-agency-steps-up-effort-to-curb-ship-pollution/4003122-4968352-orx3y kz/index.html> More than 500 ships that docked at the Port of Mombasa last year were inspected in a drive to reduce sulphur emissions.

UK ports and Brexit - ready or not? By Felicity Landon. *Seatrade Maritime News*.

5 February 2019. Available from: <http://www.seatrade-maritime.com/news/europe/uk-ports-and-brexit-ready-or-not.html> According to a survey on preparedness for Brexit by Odgers Berndtson, only 16% of about 100 UK ports and harbour authorities have made any 'significant or practical' plans for Brexit, but 59% expect a negative or strongly negative impact.

Port Insight: follow barges online. *Port of Rotterdam.* 5 February 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-insight-follow-barges-online>
Port Insight started on 20 November: the joint venture of the Port of Rotterdam Authority with TWTG, a progressive player in the development of I-IoT solutions (industrial internet of things).

Calais bans 'disrespectful' Grayling over Brexit ports plan. *Lloyd's List.* 6 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126156/Calais-bans-disrespectful-Grayling-over-Brexit-ports-plan> The head of the Port of Calais has said Britain's Transport Secretary Chris Grayling is no longer welcome because of UK plans to divert some sea traffic in the event of a no-deal Brexit.

KPA to handle 1.6 million containers by 2022. By Charles Mghenyi. *The Star (Kenya).* 9 February 2019. Available from: https://www.the-star.co.ke/news/2019/02/09/kpa-to-handle-16-million-containers-by-2022_c1891840 The Kenya Ports Authority on Friday launched its five-year (2018-2022) plan to improve services at the Mombasa port.

Signing of a Memorandum of Understanding between Piraeus and the Ports of Venice and Chioggia to strengthen the cargo flows. *Piraeus Port Authority.* 11 February 2019. Available from: <http://www.olp.gr/en/press-releases/item/4290> The CEO of the Port Authority of Piraeus, Captain Fu Chengqiu and the President of the North Adriatic Sea Port Authority, Pino Musolino, during a meeting held at the PPA headquarters, signed today a Memorandum of Understanding aimed at strengthening relations and cargo flows between the two ports.

Vancouver Fraser Port Authority expands noise reduction criteria to encourage quieter waters for endangered whales. *Port of Vancouver.* 11 February 2019. Available from: <https://bit.ly/2TwNTya> The Vancouver Fraser Port Authority has expanded its industry-leading EcoAction* Program to encourage ships that call on the Port of Vancouver to quiet the waters for the endangered whale population along the southern coast of British Columbia.

World Ports Sustainability Program launches plan to integrate UN SDGs in the business strategies and governance of Port Authorities. *World Ports Sustainability Program (WPSP).* 13 February 2019. Available from: <https://sustainableworldports.org/wpssp-launches-plan-to-integrate-un-sdgs-into-ports-governance/> March WPSP meeting hosted by UNCTAD in Geneva to define potential port authority actions per UN Sustainable Development Goal, measurement performance indicators as well as guiding tools and methodologies for use in practice.

Ukraine ports eye larger share of Asia cargo - media. *UNIAN News Agency (Ukraine).* 14 February 2019. Available from: <https://economics.unian.info/10446000-ukraine-ports-eye-larger-share-of-asia-cargo-media.html> Seaports in Ukraine are working to grab an even larger share of containerized cargo moving to the European Union from Asia by further developing domestic container terminals and increasing the quality of services provided to shippers.

Panama Canal reducing draught for new locks for third time. By Michele Labrut. *Seatrade Maritime News.* 15 February 2019. Available from: <http://www.seatrade-maritime.com/news/americas/panama-canal-reducing-draught-for-new-locks-for-third-time.html> The new authorised draught, effective 13 March 2019, for vessels transiting the neo-panamax locks will be 14.33 metres (47.0 feet) Tropical Fresh Water (TFW) down from 14.63 metres (48.0 feet) effective since 11 February.

'Smarter' ports can help cut emissions. By James Baker. *Lloyd's List.* 19 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126332/Smarter-ports-can-help-cut-emissions> Port development has been identified as one of the key areas tied to the International Maritime Organization's greenhouse gas strategy, but more work needs to be done to bring together the various actors in the supply chain if the available improvements are to be realised.

Ports sector failing to take cyber security seriously. By James Baker. *Lloyd's List.*

20 February 2019. Available from:

<https://lloydlist.maritimeintelligence.informa.com/LL1126353/Ports-sector-failing-to-take-cybersecurity-seriously> The ports sector and wider maritime industry are failing to take cyber security seriously enough and is unlikely to until a major incident occurs, experts have warned.

Rotterdam port innovation programme PortXL participants announced. *Port of Rotterdam.*

21 February 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/rotterdam-port-innovation-programme-portxl-participants-announced> After a year of scouting, 21 innovative projects were selected during the fourth PortXL.

APM Terminals Barcelona increases reefer capacity and reduces CO2 emissions.

APM Terminals. 22 February 2019. Available from: <https://www.apmterminals.com/en/news/press-releases/2019/apm-terminals-barcelona-increases-reefer-capacity-and-reduces-co2-emissions>

In response to rapidly growing customer demand, APM Terminals Barcelona, Spain has increased reefer capacity by 31%.

Drewry study concludes Port of Dover has the resilience to cope with moderate Brexit disruption. *Drewry Shipping Consultants.* 27 February 2019. Available from:

<https://www.drewry.co.uk/news/independent-study-concludes-port-of-dover-has-the-resilience-to-cope-with-moderate-brexit-disruption> The Port of Dover has the resilience to cope with moderate disruption arising from Brexit and there is latent short sea capacity to absorb significant overflow at the port in the event of capacity constraints, according to an independent study by global shipping consultancy Drewry.

REGULATIONS

More stringent marine sulfur limits mean changes for U.S. refiners and ocean vessels.

US Energy Information Administration (EIA). 4 February 2019. Available from:

<https://www.eia.gov/todayinenergy/detail.php?id=38233> The implementation of new regulations affecting marine fuel specifications will have implications for crude oil and petroleum product markets over the coming decade.

Carriers could face freight surge ahead of IMO 2020. By James Baker. *Lloyd's List.*

6 February 2019. Available from:

<https://lloydlist.maritimeintelligence.informa.com/LL1126169/Carriers-could-face-freight-surge-ahead-of-IMO-2020> Carriers could benefit from another surge in freight later this year as shippers seek to frontload cargo ahead of the imposition of higher surcharges for fuel ahead of the imposition of IMO2020 low-sulphur rules.

European Commission calls for 'urgent' changes to IMO scrubber rules. By Michael Juliano.

TradeWinds. 7 February 2019. Available from:

<https://www.tradewindsnews.com/casualties/1696167/european-commission-calls-for-urgent-changes-to-imo-scrubber-rules> IMO rules on exhaust gas scrubbers must be changed as soon as possible to prevent major disruption to the marine environment and shipping industry, the European Commission says in a new report.

Implications of IMO sulfur cap regulation. By Abdulwahab Al Sadoun. *Saudi Gazette.*

10 February 2019. Available from:


<http://saudigazette.com.sa/article/558834/BUSINESS/Implications-of-IMO-sulfur-cap-regulation> With no delays expected for the implementation of the new International Maritime Organization bunker fuel regulation, from Jan.1, 2020, shipowners will be required to meet the 0.5% global sulfur cap on fuel content, vs. the present limit of 3.5%.

IUMI raises concerns over safety from delays of IMO 2020. By Adam Corbett. *TradeWinds*. 11 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1696867/iumi-raises-concerns-over-safety-from-delays-of-imo-2020> The International Union of Marine Insurance has expressed concern over the slow rate of progress at the IMO in addressing safety issues related to the new global sulphur regulation.

A piece of the puzzle is missing. By Craig Jallal. *Tanker Shipping & Trade*. 12 February 2019. Available from: https://www.tankershipping.com/news/view,a-piece-of-the-puzzle-is-missing_56809.htm In exactly 12 months' time the shipping industry may regret the lack of engagement with refiners.

IMO 2020: More than Fuel Choice. By Serge Dal Farra. *MarineLink*. 12 February 2019. Available from: <https://www.marinelink.com/news/imo-fuel-choice-462774> With a year to go before the implementation of the 2020 Sulfur Cap, few topics will be higher on the list of priorities or shipowners than complying with Annex VI of the IMO MARPOL Convention (2008).

P&I club cover needs to adapt to evolving regulatory landscape. By Christian Ott. *TradeWinds*. 12 February 2019. Available from: <https://www.tradewindsnews.com/insurance/1696875/pandi-club-cover-needs-to-adapt-to-evolving-regulatory-landscape> Issues around ballast water and fuel regulations require urgent attention to ensure the club system continues to meet shipowners' challenges and liabilities.

The Swedish Club delivers expert advice on dealing with the Sulphur Cap 2020. *Swedish Club*. 12 February 2019. Available from: <https://www.swedishclub.com/news/press-releases/the-swedish-club-delivers-expert-advice-on-dealing-with-the-sulphur-cap-2020> On 1 January 2020 vessel owners must have made the decision to install exhaust gas scrubbers or to burn low sulphur or alternative fuels. [Sulphur Guide](#) 

Web Alert: 'FONAR' systems in view of the 2020 sulphur regulations. *Standard Club*. 13 February 2019. Available from: <http://www.standard-club.com/news-and-knowledge/news/2019/02/web-alert-fonar-systems-in-view-of-the-2020-sulphur-regulations> The IMO has attempted to reduce airborne emissions from ships through Annex VI of the MARPOL Convention, which first came into force in 2005.

Interview: EU MRV data could aid IMO 2020 rule compliance: Verifavia CEO. By Surabhi Sahu. *S&P Global Platts*. 13 February 2019. Available from: <https://bit.ly/2TwNnAi> Compliance to the International Maritime Organization's global sulfur limit for marine fuels could be aided by data gathered by verifiers through the EU Monitoring, Reporting, Verification, or MRV, process, Verifavia CEO Julien Dufour told S&P Global Platts Friday.

Global sulphur cap to impact operations at Petrojam. *The Gleaner (Jamaica)*. 15 February 2019. Available from: <http://jamaica-gleaner.com/article/news/20190215/global-sulphur-cap-impact-operations-petrojam> With the International Maritime Organisation (IMO) imposing a 0.5 per cent global sulphur cap on marine fuels effective January 1, 2020, Petrojam's sale of heavy fuel oil will be restricted, according to the state owned oil refinery.

GPCA: IMO 2020 to impact GCC chemical industry on two major fronts. *Manifold Times (Singapore)*. 18 February 2019. Available from: <https://www.manifoldtimes.com/news/d/gpca-imo-2020-to-impact-gcc-chemical-industry-on-two-major-fronts> With no delays expected for the implementation of the new International Maritime Organization (IMO) bunker fuel regulation, from Jan.1, 2020, shipowners will be required to meet the 0.5% global sulphur cap on fuel content, vs. the present limit of 3.5%.

How might the IMO's 2020 fuel changes alter shipping firms' exposures? *Hellenic Shipping News*. 19 February 2019. Available from: <https://www.hellenicshippingnews.com/how-might-the-imos-2020-fuel-changes-alter-shipping-firms-exposures/> The global maritime industry is heading full sail towards a new 0.5% global sulphur cap on fuel content, which will be imposed by the IMO on January 01, 2020.

Shipowners on collision course with EU on scrubber regulations. By Niklas Krigslund. *ShippingWatch*. 20 February 2019. Available from: <https://shippingwatch.com/secure/suppliers/article11203000.ece> The debate surrounding open-loop scrubbers has set the EU member states on a collision course with several of the biggest shipping companies.

Why the price of almost everything could go up in 2020. By Nelson Bennett. *Vancouver Courier (Canada)*. 20 February 2019. Available from: <https://www.vancourier.com/news/why-the-price-of-almost-everything-could-go-up-in-2020-1.23639632> Starting in 2020, and perhaps even this year, the cost of virtually everything could go up.

CSA 2020 voices concerns over scrubber proposal from European Commission. By Clean Shipping Alliance 2020. *Hellenic Shipping News*. 21 February 2019. Available from: <https://www.hellenicshippingnews.com/csa-2020-voices-concerns-over-scrubber-proposal-from-european-commission/> The Clean Shipping Alliance 2020 (CSA 2020) today expressed strong concerns about a proposal submitted by the European Commission which urges the IMO to change its Exhaust Gas Cleaning System ("scrubber") guidelines.

Chalos: IMO 2020 enforcement will be a 'disaster'. By Matt Coyne. *TradeWinds*. 21 February 2019. Available from: <https://www.tradewindsnews.com/legal/1709315/chalos-imo-2020-enforcement-will-be-a-disaster> Shipping lawyer George Chalos has highlighted what he expects to be heavy-handed US enforcement of the IMO's looming emissions regulations.

Interview: Counting down to Ballast Water compliance. *Maritime Executive*. 22 February 2019. Available from: <https://www.maritime-executive.com/article/interview-counting-down-to-ballast-water-compliance> This September, IMO ballast water management rules will begin to take effect for existing ships, and the countdown to compliance has begun.

New scrubber regulations must be convincing. By Anastassios Adamopoulos. *Lloyd's List*. 25 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126283/New-scrubber-regulations-must-be-convincing> The International Maritime Organization will go back to the drawing board on a regulation that is already adopted, that all member states have agreed to; the moment is both an opportunity and a risk for environmental regulation.

FONARS are 'not a free pass' to use non-compliant low sulphur fuel, warns ICS. *International Chamber of Shipping (ICS)*. 26 February 2019. Available from: <https://bit.ly/2H4pYzK> The International Chamber of Shipping (ICS) has welcomed the decision in principle by the UN IMO that safety or operational concerns about the quality of low sulphur fuels may, in exceptional circumstances, be a valid reason for shipowners to be issued with a Fuel Oil Non Availability Report (FONAR) when the IMO global sulphur cap, requiring fuels to have a sulphur content of 0.5% or less, comes into full effect on 1 January 2020.

IMO2020 Compliance: Ship owners need support, not just simple warnings, says PISR. *Ship & Bunker*. 26 February 2019. Available from: <https://shipandbunker.com/news/world/516613-imo2020-compliance-ship-owners-need-support-not-just-simple-warnings-says-pisr> When it comes to enforcement of the new 0.50% global sulfur cap on marine fuel, ship owners need support, not just simple warnings, says Panos Kirnidis, CEO of Palau International Ship Registry (PISR).

SALVAGE

The law of salvage: Case tackles unique area of maritime law. By Nathan Cecil, Adam Vrahnos, and Christopher Yong. *Holding Redlich (Australia)*. 5 February 2019. Available from: <https://www.holdingredlich.com/the-law-of-salvage> There is a long established principle in maritime law whereby a person who helps recover another person's ship or cargo in peril at sea is entitled to be rewarded for their good deed.

Explorers find data recorder of sunken S. Korean ship. *Arirang News (South Korea)*. 18 February 2019. Available from: <https://www.youtube.com/watch?v=HbrgJa9GU28> A team of ocean explorers have found the voyage data recorder of the *Stellar Daisy*, a Korean ship that sank in the South Atlantic off the coast of Uruguay in 2017.

Salvage divers save Samoan ferry from flooding. *Maritime Executive*. 19 February 2019. Available from: <https://www.maritime-executive.com/article/salvage-divers-save-samoan-ferry-from-flooding> Salvors have located and addressed the cause of flooding on the passenger ferry *Sili* in Pago Pago, American Samoa.

Salvage roundup: storms cause ship groundings and collisions in Europe. By Martyn Wingrove. *Tug Technology & Business*. 25 February 2019. Available from: https://www.tugtechnologyandbusiness.com/news/view.salvage-roundup-storms-cause-ship-groundings-and-collisions-in-europe_56946.htm Storms in the Mediterranean led to ship groundings and ferry collisions, while a fire in Indonesia destroyed 35 vessels.

SEAFARERS

Russian sailors released in Nigeria arrive home, says Foreign Ministry. *TASS Russian News Agency*. 30 January 2019. Available from: <http://tass.com/society/1042546> Six Russian sailors, abducted by pirates near Benin's territorial waters in early January during an attack against the container ship *The MSC Mandy*, have arrived in Russia, the Foreign Ministry said on Wednesday.

OP-ED: Concerns spread as suicide rate at sea increases. By Andrew Cowderoy. *Human Rights at Sea (HRAS)*. 30 January 2019. Available from: <https://www.humanrightsatsea.org/2019/01/30/op-ed-concerns-spread-as-suicide-rate-at-sea-increases/> The UK P&I Club reported that in the previous three years, they have identified an increase of suicide at sea from 4.4% in 2014 to 15.3% in 2017- a rate that has almost tripled.

Relief for 5 Guyanese seamen.... By Azard Ali. *Newsday (Trinidad and Tobago)*. 2 February 2019. Available from: <https://newsday.co.tt/2019/02/02/relief-for-5-guyanese-seamen/> Six years of living on a Nigerian boat off Claxton Bay has ended for five Guyanese seamen.

Human Rights at Sea reviews ZS Wellness Think Tank Event. By Anastasia Papapetrou. *Maritime Executive*. 4 February 2019. Available from: <https://www.maritime-executive.com/blog/human-rights-at-sea-reviews-zs-wellness-think-tank-event> On January 29, 2019, Human Rights at Sea attended the first ZS Wellness Think and Tank event at the Caledonia Club, London.

2019 Port Chaplains Directory launched. *Apostleship of the Sea (AoS)*. 4 February 2019. Available from: <https://www.apostleshipofthesea.org.uk/2019-port-chaplains-directory-launched> Stella Maris-Apostleship of the Sea (AoS) has launched a new version of its global port chaplains' directory which helps seafarers get access to pastoral, practical and spiritual support wherever they are in the world.

Sailors stranded in Arabian Gulf face uncertain future. By Nick Webster. *The National (United Arab Emirates)*. 6 February 2019. Available from: <https://www.thenational.ae/uae/sailors-stranded-in-arabian-gulf-face-uncertain-future-1.822711> Rough seas and strong winds have delayed the rescue of sailors who are stranded 50 kilometres off the UAE coast and have been at sea for more than two years.

Wage theft exposed on BlueScope chartered ship. *International Transport Workers' Federation (ITF)*. 7 February 2019. Available from: <https://www.itfglobal.org/en/news/wage-theft-exposed-bluescope-chartered-ship> Wage theft aboard a BlueScope chartered foreign-flagged ship in Port Kembla has been exposed after intervention from the International Transport Workers' Federation (ITF).

ISWAN speaks to seafarers at Campbell Shipping's annual seminar in India. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 13 February 2019. Available from: <https://www.seafarerswelfare.org/news/2019/iswan-speaks-to-seafarers-at-campbell-shippings-annual-seminar-in-india> With various reports highlighting a rise in the number of incidents where seafarers have required mental health interventions at sea, sensitising seafarers on mental wellbeing is a vital part of equipping them for life on board.

BHP ignores pleas to help starving crew. *International Transport Workers' Federation (ITF)*. 13 February 2019. Available from: <https://www.itfglobal.org/en/news/bhp-ignores-pleas-help-starving-crew> Crew aboard a ship at a BHP terminal in Queensland claim they are being starved and underpaid, in yet another instance of the coal giant's veil of secrecy over its operations in Australian waters.

AMSA: Crew aboard ship at BHP ship terminal have sufficient food. *World Maritime News*. 14 February 2019. Available from: <https://worldmaritimeneeds.com/archives/271376/amsa-crew-aboard-ship-at-bhp-terminal-have-sufficient-food/> A spokesperson from AMSA told World Maritime News that the maritime body spoke to the ship's agent and vessel's Master who supplied photographs of the store rooms on board which confirmed the state of the ship's provisions.

Finnish seafarers threaten to strike from March 1. By Tarmo Virki. *Reuters*. 14 February 2019. Available from: <https://uk.reuters.com/article/finland-trade/finnish-seafarers-threaten-to-strike-from-march-1-idUKL5N2099HA> The Finnish Seafarers' Union threatened on Thursday it would call its members out on strike from March 1, stopping all Finnish passenger and cargo vessels, including ice-breakers, if its pay demands are not met.

Bulletin: On five Filipino seafarers missing off Falkland Islands. *Government of the Philippines*. 15 February 2019. Available from: <https://bit.ly/2C8p6Xw> The Department of Foreign Affairs (DFA) remains hopeful that five Filipino seafarers reported missing after their vessel caught fire off the Falkland Islands will be found.

Employment of Indian seafarers grows by an unprecedented 35 percent this year. *Government of India*. 15 February 2019. Available from: <http://www.pib.nic.in/Pressreleaseshare.aspx?PRID=1564700> The shipping sector has witnessed an unprecedented growth of 35 per cent in the number of Indian seafarers employed on Indian or foreign flag vessels this year.

Sterile living conditions onboard make hospitals look attractive: Mission To Seafarers. By Sam Chambers. *Splash 247.com*. 18 February 2019. Available from: <https://splash247.com/sterile-living-conditions-onboard-make-hospitals-look-attractive-mission-to-seafarers/> The Mission To Seafarers has hit out at today's accommodation blocks, suggesting the sterile environment onboard ships nowadays make hospitals look attractive by comparison.

A long-term crewing strategy? By Michael Grey. *Seatrade Maritime News*. 19 February 2019. Available from: <http://www.seatrade-maritime.com/news/europe/a-long-term-crewing-strategy.html> "Demand-led" - it was rather cruelly described to me by one of my cynical friends who works for a major ship manager.

Crew members compensated for reporting shipping company's ocean dumping. By Megan Gray. *Press Herald (US)*. 20 February 2019. Available from: <https://www.pressherald.com/2019/02/20/crew-compensated-for-blowing-whistle-on-ocean-dumping/> A federal judge in Portland has awarded nearly a quarter million dollars to a Czech seaman who reported a German shipping company for covering up illegal dumping of oily water.

Giving help after piracy trauma. By Kilian SC. *Southern Cross (South Africa)*. 22 February 2019. Available from: <https://www.scross.co.za/2019/02/giving-help-after-piracy-trauma/> The storming of a cargo ship in the middle of the Thames estuary off the coast of England by heavily armed commandos of the Special Boat Service just before Christmas was the kind of incident you might expect off the coast of Somalia or Nigeria.

Maritime automation will not spare seafarers. By Kris Kosmala. *Splash 247.com*. 25 February 2019. Available from: <https://splash247.com/maritime-automation-will-not-spare-seafarers/> Humans have a tenuous relationship with automation.

Meet the world's first black woman cruise ship captain. By Laura Begley Bloom. *Forbes*. 25 February 2019. Available from: <https://www.forbes.com/sites/laurabegleybloom/2019/02/25/meet-the-worlds-first-black-woman-cruise-ship-captain> Back in the not-so-good-old days of cruising, women were considered to be bad luck on ships, a distraction to the crew and an anger to the seas.

SEARCH & RESCUE

China builds rescue centre on artificial Spratly island in South China Sea. By Liu Zhen. *South China Morning Post*. 30 January 2019. Available from: <https://www.scmp.com/news/china/diplomacy/article/2184351/china-builds-rescue-centre-artificial-spratly-island-south> 🇨🇳 China has added a maritime rescue centre to its facilities on an artificial island in the South China Sea, pressing on with plans to turn the outpost into the biggest logistics hub in the disputed waters.

Where ships go to die. By Gie Goris and Nicola Mulinaris. *Public Eye*. January 2019. Available from: <http://stories.publiceye.ch/ships/>; 🇨🇭 Decommissioned deep-sea vessels are floating toxic waste.

Haitian nationals rescued on Cay off Abaco. *Government of the Bahamas*. 2 February 2019. Available from: <http://rdbf.gov.bs/haitian-nationals-rescued-on-cay-off-abaco/> A search is currently underway in a joint effort by local authorities after a total of 15 Haitian nationals were rescued and another 4 were found lifeless in waters near Man O War Cay at the entrance of Marsh Harbour, central Abaco earlier this morning.

In a tragedy at sea, at least 28 Haitians are dead in the Bahamas. By Jacqueline Charles. *Miami Herald (US)*. 3 February 2019. Available from: <https://www.miamiherald.com/news/nation-world/world/americas/haiti/article225474845.html> 🇧🇸 At least 28 Haitians drowned in waters near the island of Abaco in the Bahamas after the vessel carrying them sank, possibly hitting a reef.

No more ships to rescue migrants in the Mediterranean. By Laura Serrano-Conde. *EurActiv*. 5 February 2019. Available from: <https://www.euractiv.com/section/global-europe/news/no-more-ships-to-rescue-migrants-in-the-mediterranean/> Italy's decision to block the ship of German NGO Sea-Watch in the port of Catania, Sicily, means that there are currently no ships from humanitarian organisations to rescue migrants in the Mediterranean.

Dubai Police rescue 14 Indian sailors after ship hits rocks. By Ali Al Shouk. *Gulf News (UAE)*. 21 February 2019. Available from: <https://gulfnews.com/uae/dubai-police-rescue-14-indian-sailors-after-ship-hits-rocks-1.62208511> Dubai Police have rescued 14 Indian sailors stranded off of Palm Deira after their ship hit rocks on the breakwater following engine failure.

Two boats of suspected Iranian migrants picked up in English Channel. By Emily Mee. *Sky News*. 25 February 2019. Available from: <https://news.sky.com/story/two-boats-of-suspected-iranian-migrants-picked-up-in-english-channel-11648301> The incident follows an increase in the number of Iranian migrants seeking asylum in the UK in the last three months of 2018.

HRAS publishes Briefing Note on Criminalisation of Civil Society SAR Activities in the Mediterranean. *Human Rights at Sea (HRAS)*. 26 February 2019. Available from: <https://www.humanrightsatsea.org/2019/02/26/hras-publishes-briefing-note-on-criminalisation-of-civil-society-sar-activities-in-the-mediterranean/> Human Rights at Sea has published a new Briefing Note on the 'Legal and Policy Matters Arising from the Increased Criminalisation of the Civil Society Search and Rescue Activities in the Mediterranean'. [Briefing Note](#)

James Fisher warns of Brexit risk to EMSA contract. By Gary Dixon. *TradeWinds*. 27 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1714580/james-fisher-warns-of-brexit-risk-to-emsa-contract> UK shipping group James Fisher has warned of the risk to its contract with the European Maritime Safety Agency (EMSA) from a no-deal Brexit.

SHIP RECYCLING

Press Release - Platform publishes list of ships dismantled worldwide in 2018. *NGO Shipbreaking Platform*. 30 January 2019. Available from: <https://www.shipbreakingplatform.org/platform-publishes-list-2018/> According to new data released today by the NGO Shipbreaking Platform, 744 large ocean-going commercial vessels were sold to the scrap yards in 2018.

Behind the Hypocrisy of Better Beaches: Shipbreaking in India, ship owners in Switzerland lobbying in Belgium. *NGO Shipbreaking Platform*. January 2019. Available from: <https://www.shipbreakingplatform.org/wp-content/uploads/2019/01/Final-Report-PE.pdf> Today, over 90% of the goods that we consume are transported by sea.

Maersk's preferred Alang yard fails to get EU approval. By Niklas Krigslund. *ShippingWatch*. 31 January 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11162019.ece> Even though Maersk says it has resolved numerous issues at the much-maligned beaching sites in Alang, the company's preferred partner is now getting the cold shoulder from the EU.

How to make the future of ship recycling more responsible. By Andrew Stephens and Nicole Rencoret. *Sustainable Shipping Initiative (SSI)*. 29 January 2019. Available from: <https://www.ssi2040.org/news/14190/> 2019 marks the 10th anniversary of the adoption of the Hong Kong International Convention for the safe and environmentally sound recycling of ships.

This is where Maersk's partner in Alang needs to improve. By Niklas Krigslund.

ShippingWatch. 5 February 2019. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11169922.ece> Maersk's preferred shipbreaking yard in Alang, India, needs to improve on several issues if it wants to be included on the European list of approved shipbreakers.

Turkey ratifies Hong Kong Convention for safe recycling of ships. *IndustriALL Global Union*.

4 February 2019. Available from: <http://www.industriall-union.org/turkey-ratifies-hong-kong-convention-for-safe-recycling-of-ships> Turkey is one of the five major ship recycling countries in the world, including Bangladesh, China, India and Pakistan, that account for more than 90 per cent of all ship recycling by tonnage.

Press Release - Fire on board Greek tanker kills two shipbreaking workers in Bangladesh.

NGO Shipbreaking Platform. 18 February 2019. Available from:

<https://www.shipbreakingplatform.org/fire-greek-tanker-chittagong/> Today, a fire broke out in the engine room on board a tanker, beached in Chittagong, killing two workers.

Revealed: How a UK company is using a Caribbean tax haven to cash in on scrapping toxic ships in one of the world's poorest countries. By Margot Gibbs. *The Independent*.

20 February 2019. Available from: <https://www.independent.co.uk/news/uk/home-news/ship-scrapping-skanreg-st-kitts-nevis-maritime-investigation-a8780796.html> A UK company that acts as a formal outpost for a tiny Caribbean tax haven is a facilitator for one of the world's deadliest trades – the scrapping of toxic ships on the beaches of south Asia.

Chinese shipbreakers urged to fight illegal scrapping for survival. By Max Tingyao Lin.

TradeWinds. 20 February 2019. Available from:

<https://www.tradewindsnews.com/shipyards/1707658/chinese-shipbreakers-urged-to-fight-illegal-scrapping-for-survival> China National Shiprecycling Association has urged its members to fight illegal scrapping with maritime authorities in the country as they shift their focus to domestic tonnage.

Demolition market "Confusing" says shipbroker. By Nikos Roussanoglou. *Hellenic Shipping News*.

21 February 2019. Available from: <https://www.hellenicshippingnews.com/demolition-market-confusing-says-shipbroker/> Over the course of the past couple of years, things were pretty straightforward when it came to the demolition market.

Ship and rig recycling: frequently asked questions. *Hellenic Shipping News*.

23 February 2019. Available from: <https://www.hellenicshippingnews.com/ship-and-rig-recycling-frequently-asked-questions/> International conventions and local regulations combine to create a complex legal regime, which is often overlooked.

Inspectors found 34 deficiencies at Maersk's Alang partner. By Niklas Krigslund.

ShippingWatch. 27 February 2019. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11216865.ece> Inspectors from DNV GL found 34 cases of deficiencies last year, when it visited Maersk's preferred shipbreaking yard in Alang together with the EU Commission, according to a report from the visit, which contains new photos from Indian coastal region.

SHIPBUILDING & SHIPREPAIR

Concept design for world's first pure-electric tanker revealed. *Maritime Executive.*

30 January 2019. Available from: <https://www.maritime-executive.com/article/concept-design-for-world-s-first-pure-electric-tanker-revealed> Asahi Tanker Co. and Exeno-Yamamizu Corporation Tokyo have developed a new domestic shipping tanker design which incorporates zero emission electric propulsion using lithium ion batteries.

Balearia's 1st LNG-fueled ferry begins operation. *World Maritime News.* 31 January 2019.

Available from: <https://worldmaritimeneews.com/archives/270265/balearias-1st-lng-fueled-ferry-begins-operation/> *Hypatia de Alejandría*, Baleària's new smart vessel powered by liquefied natural gas (LNG) is making its first commercial voyage between Barcelona and Palma de Mallorca.

Burnt-out *Sincerity Ace* set for repair in South Korea. By Adam Corbett. *TradeWinds.*

6 February 2019. Available from: <https://www.tradewindsnews.com/casualties/1692439/burnt-out-sincerity-ace-set-for-repair-in-south-korea> The car carrier *Sincerity Ace* has arrived in Japan a month after a massive cargo fire that forced its crew to abandon ship in the Pacific in early January.

Wärtsilä to deliver world's first hybrid retrofit for short-sea shipping vessel. *Wärtsilä*

Corporation. 8 February 2019. Available from: <https://www.wartsila.com/media/news/08-02-2019-wartsila-to-deliver-world-s-first-hybrid-retrofit-for-short-sea-shipping-vessel-2376827> The technology group Wärtsilä has signed an agreement with the international shipping company Hagland Shipping AS for a hybrid retrofit installation.

Hapag-Lloyd touts new steel floor boxes as the future of containers. By Sam Chambers.

Splash 247.com. 11 February 2019. Available from: <https://splash247.com/hapag-lloyd-touts-new-steel-floor-boxes-as-the-future-of-containers/> Hapag-Lloyd has created a new steel floor container, which it claims can carry heavier cargoes than existing wood-floored boxes.

MAN 175D selected for first IMO Tier III-Compliant Harbour Tug designed for operation in

Mediterranean. *MAN Energy Solutions.* 14 February 2019. Available from: <https://bit.ly/2SEn3Ve> MAN Energy Solutions has won the contract to supply the engines for a new harbour tug in Spain.

Going greener: Finland's new gas-fuelled icebreaker. *France 24.* 22 February 2019.

Available from: <https://www.france24.com/en/20190222-going-greener-finlands-new-gas-fuelled-icebreaker> The steel behemoth pushes ahead, crunching the ice as it navigates the northernmost tip of the Baltic, considered one of the most polluted seas in the world.

Daewoo Shipbuilding workers walk out over sale to Hyundai Heavy. *Korea Times.*

26 February 2019. Available from: http://www.koreatimes.co.kr/www/tech/2019/02/693_264470.html Unionized workers at Daewoo Shipbuilding & Marine Engineering went on strike Tuesday in a show of opposition to the planned sale to Hyundai Heavy Industries.

SHIPPING

Classification in the digital age. By Aleks Karlsen. *DNV GL*. 29 January 2019. Available from: <https://www.dnvgl.com/expert-story/maritime-impact/Classification-in-the-digital-age.html> DNV GL's Data Smart Classification, or "D-Class" development project aims to utilize and coordinate advanced technology to make DP system verification schedules much more flexible and efficient and, at the same time, less disruptive and burdensome for operators while ensuring the highest levels of equipment and system integrity and safety.

Containerships conducts first ship-to-ship LNG bunkering. *Ship-Technology.com*. 29 January 2019. Available from: <https://www.ship-technology.com/news/containerships-ship-lng-bunkering/> Containerships has carried out its first ship-to-ship liquefied natural gas (LNG) bunkering operation at lay bay berth at the Port of Rotterdam in the Netherlands.

Shipping players voice rebellion against 'bigger is best' mantra. By Andy Pierce. *TradeWinds*. 30 January 2019. Available from: <https://www.tradewindsnews.com/finance/1687652/shipping-players-voice-rebellion-against-bigger-is-best-mantra> Shipping's fixation with scale got brought down to size in a lively debate at Marine Money in London last week.

ABS launches new guide for liquefied gas tank barges with remote control and monitoring of essential systems. *ABS (American Bureau of Shipping)*. 31 January 2019. Available from: <https://ww2.eagle.org/en/news/press-room/abs-new-guide-liquefied-gas-tank-barges.html> ABS released guidance to assist shipyards and barge operators: The Guide for Building and Classing Liquefied Gas Tank Barges with Remote Control and Monitoring of Essential Systems.

Brumadinho disaster will hurt Capesize demand. *Drewry Shipping Consultants*. 31 January 2019. Available from: <https://www.drewry.co.uk/maritime-research-opinion-browser/brumadinho-disaster-will-hurt-capesize-demand> The collapse of the upstream dam in Brumadinho will hurt Vale's iron ore production from Minas Gerais in Brazil if the Brazilian government does not allow Vale to compensate the loss by increasing production at its other mines.

CME Group reports first trade for low-sulphur marine fuel contract. By Roslan Khasawneh. *Reuters*. 1 February 2019. Available from: <https://uk.reuters.com/article/nymex-bunker-fueloil/refile-update-1-cme-group-reports-first-trade-for-low-sulphur-marine-fuel-contract-idUKL3N1ZW32J> The first batch of derivative contracts for a cleaner type of marine fuel oil that complies with stricter emissions rules starting in 2020 traded on the New York Mercantile Exchange (NYMEX), the CME Group said on Friday.

Maersk plans to launch its first CO2 neutral ship in 2030. By Søren Pico. *ShippingWatch*. 1 February 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11163711.ece> Maersk Group is honing in on 2030 as the year in which the first environmental and CO2 neutral container ship will join its fleet, says John Kornerup Bang, Maersk's Head of Sustainability Strategy & Chief Advisor for Climate Change.

Boom in cruise holidays intensifies concern over 'emissions dodging'. By Sandra Laville. *The Guardian*. 1 February 2019. Available from: <https://www.theguardian.com/environment/2019/feb/01/boom-in-cruise-holidays-intensifies-concern-over-emissions-dodging> A boom in cruise liner holidays is raising concerns over the widespread use of "emissions dodging" by global shipping to meet tough new dirty fuel rules next year.

Maritime forecast 2019/20: What shipping industry should expect - NIMASA.

By Isichei Osamgbi. *Nigerian Maritime Administration and Safety Agency (NIMASA).*

1 February 2019. Available from: <http://nimasa.gov.ng/press-center/post/maritime-forecast-201920-what-shipping-industry-should-expect-nimasa> As part of efforts to guide investors and encourage more participation in the maritime industry, the Nigerian Maritime Administration and Safety Agency (NIMASA) have set the tone with the unveiling of the 2019-2020 maritime forecast.

Maritime union says Brexit and shipping exodus is creating a 'perfect storm' for the industry.

Nautilus International. 1 February 2019. Available from: <https://bit.ly/2J38VQS>

Maritime professionals' trade union, Nautilus International, has warned the decision by Maersk to take its remaining vessels off the UK Ship Register, exit the UK Tonnage Tax and end the training of UK Cadets, will have a serious impact on seafarer jobs and the stability of the UK industry.

Marine Fuel 0.5% futures trades suggest price surge for IMO-compliant fuels. By Liz Thang.

S&P Global Platts. 1 February 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/020119-first-platts-fob-singapore-marine-fuel-05-derivative-contracts-trade>

The first trades in financial derivative contracts that settle against Platts Marine Fuel 0.5% assessments are offering early cues to a surge in global shipping fuel prices heading into 2020, market participants said Friday.

Maersk clarifies UK stance. By Sam Chambers. *Splash 247.com.* 2 February 2019.

Available from: <https://splash247.com/maersk-clarifies-uk-stance/> Maersk has clarified its position on UK cadets and its commitment to the UK's flag system.

Live Export: What the observers saw on board. *Maritime Executive.* 2 February 2019.

Available from: <https://www.maritime-executive.com/article/live-export-what-the-observers-saw-on-board> The exporter had left some beer, so on the first two nights of the voyage, the government-appointed observer had a beer and a chat with the crewmembers of the livestock carrier he would sail on for next few weeks.

Commission adopts a proposal to revise the EU system to monitor, report and verify CO2 emissions from ships. *European Commission.* 4 February 2019. Available from:

https://ec.europa.eu/clima/news/commission-adopts-proposal-revise-eu-system-monitor-report-and-verify-co2-emissions-ships_en The European Commission today adopted a proposal to revise the EU system for monitoring, reporting and verification of CO2 emissions from maritime transport (Regulation (EU) 2015/757) in order to take appropriate account of the global data collection system for fuel oil consumption of ships established by the International Maritime Organisation. [Impact Assessment](#) 

Blockchain helps bunker sustainable biofuels in Rotterdam. *Biofuels International.*

4 February 2019. Available from: https://biofuels-news.com/display_news/14335/blockchain_helps_bunker_sustainable_biofuels_in_rotterdam/ Sustainable marine biofuel produced by Dutch company GoodFuels has been successfully delivered to a bulk carrier chartered by international mining company BHP.

BHP and NYK use GoodFuels biofuel to progress decarbonisation goals. *GoodFuels.*

4 February 2019. Available from: <https://goodfuels.com/bhp-and-nyk-use-goodfuels-biofuel-to-progress-decarbonisation-goals/> The advanced biofuel, supplied by GoodFuels via logistics partner Varo Energy, is a 'drop-in' marine gasoil (MGO)-equivalent, and was blended with conventional fossil-based MGO in a mix of 30% biofuel to 70% conventional MGO.

Shipping Act revisions and new commissioners revitalise FMC. By Janet Porter. *Lloyd's List.*

4 February 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1126100/Shipping-Act-revisions-and-new-commissioners-revitalise-FMC> With just two commissioners remaining and under considerable budgetary constraint, the Federal Maritime Commission appeared to be facing an uncertain future last year as shipping dropped down the political agenda in the chaos of the Trump administration.

Shipping companies are eyeing biofuel. By Katrine Grønvald Raun. *ShippingWatch*.

5 February 2019. Available from: <https://shippingwatch.com/secure/suppliers/article11159172.ece>
Since Goodfuels signed up shipping company Norden as a biofuels customer, the pace has quickened for the company.

Reefer ships branded an endangered species. By Sam Chambers. *Splash 247.com*.

5 February 2019. Available from: <https://splash247.com/reefer-ships-branded-an-endangered-species/> Analysts at Dynamar expect conventional reefer ships to become an "endangered species" in a new report.

Shaft bearing failures linked to energy efficient propulsion demands. By Gavin Lipsith.

Marine Propulsion & Auxiliary Machinery. 5 February 2019. Available from: https://www.mpropulsion.com/news/view,shaft-bearing-failures-linked-to-energy-efficient-propulsion-demands_56696.htm A surge in shaft bearing failures on newbuild ships has been linked to propulsion changes introduced in response to IMO's Energy Efficiency Design Index (EEDI).

Top 10 shipowning nations: China sees biggest increase. *Maritime Executive*. 6 February 2019.

Available from: <https://www.maritime-executive.com/article/top-10-shipowning-nations-china-sees-biggest-increase> It's no surprise that Greece tops the world for shipowning, but China has seen the biggest increase in value out of the top 10, according to VesselsValue.

Inuit making recommendations on Arctic shipping routes. By Jackie McKay. *Canadian Broadcasting Corporation (CBC)*. 6 February 2019. Available from:

<https://www.cbc.ca/news/canada/north/inuit-voice-arctic-shipping-corridors-1.5007328> For the first time, Inuit communities are making recommendations to the federal government about how they want ships to move through their waters, highlighting the importance of the ocean to their way of life.

How U.S. sanctions on Venezuela have left a dozen oil tankers idling with no place to go.

By Pete Evans. *Canadian Broadcasting Corporation (CBC)*. 6 February 2019. Available from: <https://www.cbc.ca/news/business/venezuela-oil-sanctions-1.4990879> The sanctions the U.S. slapped on Venezuelan oil last week are playing havoc with the tankers that ship crude around the world, and throwing energy prices off-kilter in the process.

EU defends publishing ship emissions data to drive CO2 emissions cuts. *Transport & Environment*.

7 February 2019. Available from: <https://www.transportenvironment.org/press/eu-defends-publishing-ship-emissions-data-drive-co2-emissions-cuts> Publishing data about the emissions of all ships calling at EU ports, as proposed by the European Commission, will incentivise shipping companies to cut their CO2 while also better informing regulations to reduce emissions, green NGO Transport & Environment (T&E) has said.

IUMI calls for refineries to be forced to conduct testing on low sulphur fuels.

By Sam Chambers. *Splash 247.com*. 7 February 2019. Available from: <https://splash247.com/iumi-calls-for-refineries-to-be-forced-to-conduct-testing-on-low-sulphur-fuels/> The International Union of Marine Insurance (IUMI) is trying to force refineries to conduct testing on low sulphur fuels ahead of the introduction of the global sulphur cap next year.

Carbon dioxide emission from ships to increase to about 205% by 2050 if no action is taken - GMA boss. By Miriam Osei-Agyemang. *GhanaWeb*. 7 February 2019. Available from:

<https://www.ghanaweb.com/GhanaHomePage/NewsArchive/Carbon-dioxide-emission-from-ships-to-increase-to-about-205-by-2050-if-no-action-is-taken-GMA-boss-721569> It is estimated that ships energy consumption and carbon dioxide emission could be reduced by up to 75 percent by applying operational measures and implementing available technologies.

Woodmac estimates 10 pct of marine fuel to be scrubbed of sulphur in 2020.

By Ahmad Ghaddar. *Reuters*. 7 February 2019. Available from:

<https://af.reuters.com/article/commoditiesNews/idAFL5N2023YP> Research firm Woodmac sees a rise in the use on ships of "scrubbers", the equipment to clean up sulphur emissions, before the IMO imposes new rules from Jan. 1 2020 to limit sulphur content in fuel.

New Arctic shipping database launched by Arctic Council working group. By Eilís Quinn.

Radio Canada International (RCI). 7 February 2019. Available from: <http://www.rcinet.ca/eye-on-the-arctic/2019/02/07/new-arctic-shiping-database-launched-by-arctic-council-working-group/>

The Arctic Ship Traffic Data (ASTD) database will include information on things like vessel traffic patterns, fuel use, air emissions, sea ice extent, meteorological and oceanographic conditions, and international regulations.

Powerful tug launched for Mediterranean escort duties. By Martyn Wingrove.

Tug Technology & Business. 7 February 2019. Available from:

https://www.tugtechnologyandbusiness.com/news/view.powerful-tug-launched-for-mediterranean-escort-duties_56761.htm An escort tug has been launched that will boost ship manoeuvring capabilities in a key Mediterranean port.

Brexodus: Movement of UKSR people? By David Osler and Janet Porter. *Lloyd's List*.

7 February 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1126182/Brexodus-Movement-of-UKSR-people>

Brexit could spark a spate of departures from the UK Ship Register, in a humiliating reverse for the government's stated intention to double the size of the UK flag, a number of big name owners have revealed to Lloyd's List.

Contamination fears fuel calls for greater bunker transparency ahead of 2020.

By Sam Chambers. *Splash 247.com*. 8 February 2019. Available from:

<https://splash247.com/contamination-fears-fuel-calls-for-greater-bunker-transparency-ahead-of-2020/>

Calls are growing for greater transparency in the bunker industry ahead of the 2020 global sulphur cap.

True motives of scrubber debate called into question. *Ship & Bunker*. 8 February 2019.

Available from: <https://shipandbunker.com/news/world/987107-true-motives-of-scrubber-debate-called-into-question>

Less than nine months ago, scrubber advocates were asking why uptake of the technology was so low when the economics were so compelling.

Turkish shipping industry blossomed over 16 years: Erdogan. By Sena Güler. *Anadolu Agency (Turkey)*.

9 February 2019. Available from: <https://www.aa.com.tr/en/todays-headlines/turkish-shiping-industry-blossomed-over-16-years-erdogan/1387871>

Turkey's shipping industry has blossomed over the last 16 years, President Recep Tayyip Erdogan said on Saturday.

Sulphur and greenhouse gas reduction priority for ICS. *International Chamber of Shipping (ICS)*.

11 February 2019. Available from: <http://www.ics-shiping.org/news/press-releases/2019/02/11/sulphur-and-greenhouse-gas-reduction-priority-for-ics>

"The 2020 global sulphur cap will be the regulatory game changer of the decade with profound implications for the economics of shipping" believes Chairman of the International Chamber of Shipping (ICS), Esben Poulsen.

MAN sees potential in use of synthetic bunker fuels. By Lee Hong Liang. *Seatrade Maritime News*.

11 February 2019. Available from: www.seatrade-maritime.com/news/europe/man-sees-potential-in-use-of-synthetic-bunker-fuels.html

Amid an increasing introduction of alternative energy sources to power ships on the back of environmental regulations, MAN Energy Solutions is seeing potential in the use of synthetic bunker fuels, which can be achieved with the use of its Power-to-X technology.

MAN backs ambition for CO2 neutral ships by 2030. By Søren Pico. *ShippingWatch*.

11 February 2019. Available from: <https://shippingwatch.com/secure/suppliers/article11183802.ece>
Major ship engine manufacturer MAN Energy Solutions supports Maersk's ambitions to launch CO2 neutral ships by 2030.

New initiative to survey women in maritime in India. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 11 February 2019. Available from:

<https://www.seafarerswelfare.org/news/2019/new-initiative-to-survey-women-in-maritime-in-india>
Sanjam Sahi Gupta of Sitara Shipping Ltd has launched a new initiative in light of the International Maritime Organization's 2019 World Maritime Day theme, 'Empowering Women in the Maritime Community'.

What's in the emissions data? By Anastassios Adamopoulos. *Lloyd's List*. 11 February 2019.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126204/Whats-in-the-emissions-data> Those in favour of digitalisation have long argued that a central challenge for the shipping industry is to beneficially use the abundance of available data.

Arctic indigenous voices making a difference on Polar shipping. By Verner Wilson II.

EcoWatch. 12 February 2019. Available from: <https://www.ecowatch.com/arctic-indigenous-conservation-shipping-2628742795.html> 2018 was a breakthrough year for Arctic conservation work at the International Maritime Organization (IMO).

Swedish shipping industry prepares to go fossil-free by 2045. By Megan Darby. *Climate Home*

News. 12 February 2019. Available from: <https://www.climatechangenews.com/2019/02/12/swedish-shipping-industry-prepares-go-fossil-free-2045/> The Swedish Shipowners' Association is developing a roadmap to net zero greenhouse gas emissions in partnership with Fossil-free Sweden, a government initiative.

Marina targets gender diversity in maritime industry. By Genivi Factao. *Manila Times*.

13 February 2019. Available from: <https://www.manilatimes.net/marina-targets-gender-diversity-in-maritime-industry/510512/> The Maritime Industry Authority (Marina) has implemented measures to support women seafarers and promote equal opportunities in the maritime industry.

Promotion of the Philippine Flag Registry: A means or an end? By Brenda V.Pimentel.

Manila Times. 13 February 2019. Available from: <https://www.manilatimes.net/promotion-of-the-philippine-flag-registry-a-means-or-an-end/510503/> Talks of establishing the Philippines as a "choice flag registry" resurfaced in various fora, and roundtable discussions in recent months.

PRESS RELEASE - Maritime Single Window - Simplified reporting moves a major step closer.

European Community Shipowners' Associations (ECSA). 13 February 2019. Available from: <https://www.ecsa.eu/news/press-release-maritime-single-window-simplified-reporting-moves-major-step-closer> ECSA and WSC have backed the agreement reached by the European Parliament, the Council and the European Commission in their 'trilogue discussions' on the European Maritime Single Window environment proposal last week.

The strange death of shipping England. By David Osler. *Lloyd's List*. 13 February 2019.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126251/The-strange-death-of-shipping-England> When some enterprising future historian writes the definitive history of Britain's departure from the European Union, the Brexit ferry fiasco will probably only be worth a couple of pages.

IMO2020: The brutal facts of blending the new 0.5% S Bunker fuels. By Rudy Kassinger.

Ship & Bunker. 14 February 2019. Available from: <https://shipandbunker.com/news/world/564340-imo2020-the-brutal-facts-of-blending-the-new-05s-bunker-fuels> For the last 65+ years the fuel of choice for large marine engines has been IF380 and IF180.

Maersk secures low-sulphur fuel deal in US. By James Baker. *Lloyd's List*. 14 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126264/Maersk-secures-low-sulphur-fuel-deal-in-US> MAERSK has taken further steps to ensure the availability of low-sulphur fuel.

'Bad bunkers' hit Panama's marine fuel sales in 2018. By Michele Labrut. *Seatrade Maritime News*. 14 February 2019. Available from: <http://www.seatrade-maritime.com/news/americas/bad-bunkers-hit-panama-s-marine-fuel-sales-in-2018.html> Panama marine fuel sales in 2018 were hit by the "bad bunkers" problem that started in the US Gulf region with a 1.8% drop in sales.

IMB launches initiative to curb bills of lading fraud. *International Chamber of Commerce (ICC)*. 14 February 2019. Available from: <https://www.icc-ccs.org/index.php/1260-imb-launches-initiative-to-curb-bills-of-lading-fraud> The International Maritime Bureau (IMB) has launched a new initiative aimed at curbing bills of lading (B/L) fraud carried out by non-vessel owning common carriers (NVOCCs).

The Interview: Anastasios Papagiannopoulos. By Anastassios Adamopoulos. *Lloyd's List*. 15 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126269/The-Interview-Anastasios-Papagiannopoulos> "INTERNATIONAL organisations act like bridges between countries, races, genres and, cultures," BIMCO president Anastasios Papagiannopoulos tells Lloyd's List.

Shipping industry jittery over fuel cost as deadline for new emission norms nears. By V. Sajeev Kumar. *The Hindu (India)*. 17 February 2019. Available from: <https://bit.ly/2SKmB2M> Fuel costs are set to go up for the shipping industry over the next year, as new IMO regulations kick in from January 2020.

IMO 2020: Scrubber uptake now 4% of vessels, 10% by tonnage. *Ship & Bunker*. 18 February 2019. Available from: <https://shipandbunker.com/news/world/119953-imo-2020-scrubber-uptake-now-4-of-vessels-10-by-tonnage> Some 4% of the world fleet plus order book is slated to have scrubbers, according to the latest data from Clarksons.

Transitioning away from heavy fuel oil in Arctic shipping. By Bryan Comer. *International Council on Clean Transportation (ICCT)*. 18 February 2019. Available from: <https://www.theicct.org/publications/transitioning-away-heavy-fuel-oil-arctic-shipping> As Arctic shipping increases, pressure is mounting to protect the environment from fuels that are harmful when burned and spilled, including heavy fuel oil (HFO).

Japan rejects ban on open-loop scrubbers. By Anastassios Adamopoulos. *Lloyd's List*. 18 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126297/Japan-rejects-ban-on-openloop-scrubbers> Japan has thrown its weight behind open-loop scrubbers ahead of international negotiations as the technology faces increased scrutiny and mounting opposition from a number of jurisdictions around the world.

Cargill targets male-only panels. By Helen Kelly. *Lloyd's List*. 18 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126296/Cargill-targets-male-only-panels> Cargill, the global grains and agricultural trader, has pledged to ban its executives from speaking at male-only panels.

BIMCO: Container shipping may face bankruptcies if it fails to recover extra fuel costs. *World Maritime News*. 19 February 2019. Available from: <https://worldmaritimenews.com/archives/271651/bimco-container-shipping-may-face-bankruptcies-if-it-fails-to-recover-extra-fuel-costs/> As the starting line for the International Maritime Organization (IMO) sulphur cap approaches, the dominant theme of 2019 will be the sharing of the higher costs that are expected in various forms towards the end of the year, according to the association.

Interview: About 8% of bunkers consumed in 2020 likely to be scrubbed - MECL MD.

By Surabhi Sahu. *S&P Global Platts*. 19 February 2019. Available from: <https://bit.ly/2VBGYRJ>

Despite recent announcements by some ports to ban wash water discharge from open-loop scrubbers in their waters, about 8% of total bunkers consumed in 2020 will be scrubbed to meet compliance with the International Maritime Organization's global sulfur limit rule for marine fuels, Robin Meech, MD at Marine and Energy Consulting Limited said.

Bomin hit by new accusations of dirty bunker. By Niklas Krigslund. *ShippingWatch*.

19 February 2019. Available from: <https://shippingwatch.com/secure/Services/article11199641.ece>

Bomin has been hit with new claims from shipping companies accusing the German bunker supplier of delivering contaminated bunkers to their ships.

Panama-backed study adds to open-loop scrubbers concern. By Nigel Lowry. *Lloyd's List*.

19 February 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1126333/Panamabacked-study-adds-to-openloop-scrubbers-concern> A study commissioned by Panama into the use of open-loop scrubbers raises "cause for concern" and questions whether ships equipped with the technology are truly equivalent to vessels burning low-sulphur fuel.

Intercontinental Exchange launches new marine fuel future contracts. By Jason Jiang.

Splash 247.com. 20 February 2019. Available from: <https://splash247.com/intercontinental-exchange-launches-new-marine-fuel-future-contracts/>

Intercontinental Exchange (ICE), an operator of global exchanges and clearing houses and provider of data and listings services, has launched new Marine Fuel 0.5% futures contracts prior to the upcoming implementation of the IMO 0.5% sulphur cap in 2020.

Dutch maritime firms to jointly study methanol as marine fuel. *World Maritime News*.

21 February 2019. Available from: <https://worldmaritimenews.com/archives/271801/>

The consortium, supported by Maritime Knowledge Centre, would look into the feasibility of methanol as a sustainable alternative transport fuel in the maritime sector.

Maersk chastises scrubbers: "A foolish idea". By Christian Carlsen and Søren Pico.

ShippingWatch. 21 February 2019. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11206359.ece> Maersk has increased its investment in scrubbers by more than USD 183 million.

The central place of shipping in the Greek economy. By David Glass. *Seatrade Maritime News*.

22 February 2019. Available from: <http://www.seatrade-maritime.com/news/europe/the-central-place-of-shipping-in-the-greek-economy.html>

The important place of the shipping industry and its participants in Greece's overall economic picture as the country struggles to climb out of financial crisis was again evident when financial powerhouse PricewaterhouseCoopers (PwC) recently presented a study on mergers and acquisitions in Greece in 2018.

Clean Arctic Alliance hails progress on heavy fuel oil ban but warns Arctic nations to remain focused. *Friends of the Earth*. 22 February 2019. Available from: <https://foe.org/news/clean-arctic-alliance-hails-progress-heavy-fuel-oil-ban-warns-arctic-nations-remain-focused/>

As a meeting of the IMO Sub-Committee on Pollution Prevention and Response closes today, the Clean Arctic Alliance welcome progress but calls on Arctic Nations Russia and Canada to step-up to their responsibilities and add their support for a ban on heavy fuel oil (HFO) from use by Arctic shipping, and for Finland, Sweden, Norway, Denmark, Iceland and the United States, who already support the ban, to remain focused on ensuring it is adopted in 2021, and phased in by 2023.

Why are supertankers hauling seawater into the USA? By Julian Lee. *gCaptain*.

24 February 2019. Available from: <https://gcaptain.com/supertankers-haul-seawate-ocean/>

Crude oil has always flowed backwards and forwards across the world's oceans.

IMO agrees that we can control black carbon emissions from ships. But will we?

By Bryan Comer. *International Council on Clean Transportation (ICCT)*. 25 February 2019.

Available from: <https://www.theicct.org/blog/staff/imo-agrees-we-can-control-black-carbon-emissions-ships-will-we> Amid new scientific evidence that most black carbon present in the Arctic is from burning fossil fuels, IMO) agreed last week that there are up to 41 appropriate ways to reduce black carbon from ships at the sixth session of its Pollution Prevention and Response subcommittee.

How charterers subverted Marpol to bring us today's scrubber chaos. By Steve Nolan.

Splash 247.com. 26 February 2019. Available from: <https://splash247.com/how-charterers-subverted-marpol-to-bring-us-todays-scrubber-chaos/>

IMO left a loophole when it came to Marpol legislation, which has been exploited by fans of scrubbers ever since.

NIMASA advocates greater role for African women in maritime. By Yusuf Babalola.

Leadership (Nigeria). 26 February 2019. Available from: <https://leadership.ng/2019/02/26/nimasa-advocates-greater-role-for-african-women-in-maritime/>

Director-general of the Nigerian Maritime Administration and Safety Agency (NIMASA), Dr. Dakuku Peterside, has announced the agency's readiness to support initiatives aimed at getting more African women involved in the industry.

Diversity in shipping flagged on International Women's Day. Nautilus International.

26 February 2019. Available from: <https://www.nautilusint.org/en/news-insight/news/diversity-in-shipping-flagged-on-international-womens-day/> Female seafarers will be speaking up for diversity in the shipping industry on International Women's Day by coming together for a special meeting of the Nautilus Women's Forum.

EU makes one concession too many on ships' data. Transport & Environment.

26 February 2019. Available from: <https://www.transportenvironment.org/news/eu-makes-one-concession-too-many-ships%E2%80%99-data> The European Commission has published proposals to revise its reporting rules on ships' emissions data which are aimed at enabling those who charter ships to pick the cleanest and most efficient vessels.

Methods of compliance with the 2020 Sulphur Limit. Shipowners' Club. 26 February 2019.

Available from: <https://www.shipownersclub.com/methods-of-compliance-with-the-2020-sulphur-limit/> Last year, the Club produced an infographic which provided preliminary information on the 2020 Global Sulphur Limit.

Scenario: Shipping in the 2020s. Safety4Sea. 26 February 2019. Available from:

<https://safety4sea.com/cm-scenario-shipping-in-the-2020s/> During the 2019 SMART4SEA Conference, Andreas Chrysostomou, Chief Strategy Officer, TOTOTHEO, said the near future is expected to form a new era for shipping through technological advancements.

Splash Extra: How to fix shipping's boardroom gender imbalance. Splash 247.com.

27 February 2019. Available from: <https://splash247.com/splash-extra-how-to-fix-shippings-boardroom-gender-imbalance/> Today sees the launch of the second issue of Splash Extra, our new subscription title.

A climate neutral Europe by 2050 necessitates significant investments in zero-emission waterborne transport. Netherlands Maritime Technology. 27 February 2019. Available from:

<https://bit.ly/2H0NsGE> The maritime industry is a vital and strategic sector for Europe.

Liner majors deploy ultra-large ships on Asia-Mediterranean. By Simon Valeur.

ShippingWatch. 27 February 2019. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11217583.ece> The 2M alliance with Maersk and MSC deploys 11 megamax ships on the route between Asia and the Mediterranean.

Industry leaders warn on no-deal Brexit as clock ticks down. By David Osler. *Lloyd's List*. 27 February 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1126421/Industry-leaders-warn-on-nodeal-Brexit-as-clock-ticks-down> Industry figures have spoken out against the rising risk of a no-deal Brexit, as the March 29 date for Britain leaving the European Union looms ever closer with no finalised agreement on the terms of the UK's withdrawal.

Abu Dhabi hosts inaugural Blue Week to celebrate UAE maritime traditions. By Patrick Ryan. *The National (United Arab Emirates)*. 28 February 2019. Available from: <https://www.thenational.ae/uae/abu-dhabi-hosts-inaugural-blue-week-to-celebrate-uae-maritime-traditions-1.831246> A special week of activities is being held in Abu Dhabi to celebrate the UAE's seafaring traditions, as the capital prepares to host the World Ocean Summit.

Shipowners commit to EUR75m contribution to Greek state budget. By David Glass. *Seatrade Maritime News*. 28 February 2019. Available from: <http://www.seatrade-maritime.com/news/europe/shipowners-commit-to-eur75m-contribution-to-greek-state-budget.html> Greek shipowners will pay at least EUR75m (\$85.37m) annually to the state budget, under a deal reached by Prime Minister Alexis Tsipras and the Union of Greek Shipowners (UGS).

RESEARCH

Ocean colour signature of climate change. By S. Dutkiewicz, A. E. Hickman et al. *Nature Communications*. (2019). Available from: <https://doi.org/10.1038/s41467-019-08457-x> Monitoring changes in marine phytoplankton is important as they form the foundation of the marine food web and are crucial in the carbon cycle.

2018 Continues Record Global Ocean Warming. By L. Cheng, J. Zhu et al. *Advances in Atmospheric Sciences*. (2019). Available from: <https://doi.org/10.1007/s00376-019-8276-x> The increasing heat-trapping gases emitted by human activities into the atmosphere produce an energy imbalance between incoming solar radiation and outgoing longwave radiation that leads to global heating.

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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.