



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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About the MKC Current Awareness Bulletin (CAB)

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

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

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IMO NEWS & EVENTS

WHAT'S NEW

Bunker delivery note amendments enter into force as sulphur 2020 requirement looms

Amendments to the bunker delivery note relating to the supply of marine fuel oil to ships which have fitted alternative mechanisms to address sulphur emission requirements entered into force on 1 January 2019.

The amendment enters into force as the shipping industry counts down to 1 January 2020, when the limit for sulphur in fuel oil will be reduced to 0.50% m/m outside emission control areas (ECAs), from 3.5% currently. The new limit under IMO's MARPOL treaty will have significant benefits for the environment and human health. [More...](#)

IMO MEETINGS FOR 2019

[Sub-Committee on Navigation, Communications and Search and Rescue \(NCSR\), 6th session](#)
16 – 25 January 2019

LATEST PRESS BRIEFINGS

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

Sub-Committee on Navigation, Communications and Search and Rescue (NCSR), 5th session
16-25 January 2019 ([Opening](#) and [Closing](#) Address)

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

IMO PUBLISHING

[Just Published 2019](#)

[January 2019 Newsletter](#)

UNITED NATIONS

100 years on, UN labour agency mission focussed on growing inequality, says Director-General. *UN News*. 9 January 2019. Available from: <https://news.un.org/en/story/2019/01/1030062> The ILO chief's message coincides with the launch of an interactive campaign promoting the work of the organization.

FROM THE FIELD: Liberia boosts efforts to guard against rising seas. *UN News*. 14 January 2019. Available from: <https://news.un.org/en/story/2019/01/1030452> It's projected that a one-metre sea level rise could permanently inundate 95 square kilometres of land in Liberia's coastal zone, which is already under threat of heavy seasonal rains and continuing erosion.

World economic situation and prospects 2019. *United Nations*. 21 January 2019. Available from: <https://www.un.org/development/desa/dpad/publication/world-economic-situation-and-prospects-2019/> Global growth is expected to remain at 3.0 per cent in 2019 and 2020, however, the steady pace of expansion in the global economy masks an increase in downside risks that could potentially exacerbate development challenges in many parts of the world, according to the World Economic Situation and Prospects 2019. [Full Report](#)

Global economy to see 'steady' growth of three per cent in 2019 despite risks, says UN. *UN News*. 21 January 2019. Available from: https://news.un.org/en/story/2019/01/1030902?_ga=2.16165630.938453663.1548084288-264459782.1537624895 "We still have relatively strong growth, but we do see rising risks on the horizon and an increasing likelihood that some of these risks might actually materialize," said Elliott Harris, United Nations Chief Economist, in comments coinciding with the launch of the World Economic Situation and Prospects 2019 (WESP) report.

Mediterranean migrant drownings should spur greater action by European countries, urge UN agencies. *UN News*. 22 January 2019. Available from: <https://news.un.org/en/story/2019/01/1030982> The warning from UN Refugee Agency (UNHCR) and the UN Migration Agency (IOM) comes after close to 170 people are believed to have drowned in separate tragedies off the Libyan and Moroccan coastlines late last week.

Special Address by António Guterres, Secretary-General of the United Nations. *World Economic Forum*. 24 January 2019. Available from: <https://bit.ly/2FVw2tC>

CASUALTIES

Drama in Arctic waters as trawler runs aground at Svalbard. By Atle Staalesen. *Independent Barents Observer (Norway)*. 31 December 2018. Available from: <https://thebarentsobserver.com/en/arctic/2018/12/drama-arctic-waters-trawler-runs-aground-svalbard> The «Northguider» and its crew of 14 was fishing in the waters north of the Svalbard archipelago when emergency hit on 28th December.

Ten missing, one dead after cargoship sinking. By Bob Rust. *TradeWinds*. 2 January 2019. Available from: <https://www.tradewindsnews.com/incoming/1665080/ten-missing-one-dead-after-cargoship-sinking> One seafarer has died and 10 are missing following the sinking of a Taiwanese-controlled vessel off the coast of China, Chinese media reports say.

Updated: Search continues for two missing from Japanese car carrier *Sincerity Ace*, three feared dead. By Marcus Hand. *Seatrade Maritime News*. 2 January 2019. Available from: www.seatrade-maritime.com/news/americas/search-continues-for-two-missing-from-mol-car-carrier-sincerity-ace-three-feared-dead.html A serious fire was reported by the Master of the Shoei Kisen Kaisha owned and managed, 2009-built car carrier on New Year's Eve 1,800 nm northwest of Oahu, with an intention to abandon ship.

Ship loses potentially dangerous cargo in North Sea: Coastguard. *France 24.* 2 January 2019. Available from: <https://www.france24.com/en/20190102-ship-loses-potentially-dangerous-cargo-north-sea-coastguard> A cargo ship caught in rough North Sea weather lost at least 270 containers, including four holding potentially dangerous substances, the Dutch and German coastguards said Wednesday.

Cargo ship's lost containers bring windfall to Dutch islanders. *By Toby Sterling. Reuters.* 2 January 2019. Available from: <https://www.reuters.com/article/us-netherlands-shipping-containers/cargo-ships-lost-containers-bring-windfall-to-dutch-islanders-idUSKCN1OW104> Dozens of containers with items including flat-screen televisions have washed up on Dutch islands in the North Sea after a ship lost part of its cargo in heavy seas, bringing a windfall for local treasure hunters.

Coast Guard suspends search for remaining *Sincerity Ace* mariner. *MarineLink.* 3 January 2019. Available from: <https://www.marinelink.com/news/coast-guard-suspends-search-remaining-461284> The Coast Guard has suspended the active search for the remaining unaccounted for crewmember of the *Sincerity Ace*, Wednesday.

MSC intensifies North Sea clean-up in collaboration with local authorities. *Mediterranean Shipping Company (MSC).* 4 January 2019. Available from: <https://www.msc.com/site-template/news/2019-january/msc-intensifies-north-sea-clean-up-in-collaboratio> MSC Mediterranean Shipping Company is directly taking over more of the clean-up of German and Dutch waters and beaches, following the recent container spill from the cargo ship *MSC Zoe*.

Panama to probe cause of *Sincerity Ace* blaze. *By Michele Labrut. Seatrade Maritime News.* 4 January 2019. Available from: <http://www.seatrade-maritime.com/news/americas/panama-to-probe-cause-of-sincerity-ace-blaze.html> Japanese owned *Sincerity Ace* is a 2009-built car carrier with a capacity to transport 6,400 vehicles and was sailing from Yokohama, Japan, to Honolulu, Hawaii when a fire broke out on the high seas, some 1,800 nm from Oahu, Hawaii.

MSC to fund North Sea clean-up; search until last container is found. *Mediterranean Shipping Company (MSC).* 5 January 2019. Available from: <https://www.msc.com/gbr/news/2019-january/msc-to-fund-north-sea-clean-up-search-until-last> MSC Mediterranean Shipping Company would like to reassure authorities and members of the public in the Netherlands and Germany that the company will pay the full costs of the clean-up of the 2 January *MSC Zoe* container spill.

Container fire on the *Yantian Express*: Crew successfully evacuated. *Hapag-Lloyd.* 6 January 2019. Available from: <https://www.hapag-loyd.com/en/press/releases/2019/01/container-fire-on-the-yantian-express--crew-successfully-evacuat.html> On 3 January, a fire broke out in one container on the deck of the *Yantian Express* and spread to additional containers.

Crews still battling fire aboard massive Halifax-bound container ship. *By Michael MacDonald. National Post (Canada).* 7 January 2019. Available from: <https://nationalpost.com/pmnews/pm/canada-news-pmn/tug-heading-toward-disabled-container-ship-off-n-s-that-caught-fire> Crews working to extinguish a fire that's been burning for four days aboard a large container ship off Canada's east coast are facing some big challenges, an expert in offshore safety says.

One year on, families of the *Sanchi* crew await answers. *By Sam Chambers. Splash 247.com.* 7 January 2019. Available from: <https://splash247.com/one-year-on-families-of-the-sanchi-crew-await-answers/> This past weekend marked the first anniversary since the *Sanchi* disaster, one of the worst tanker accidents of the decade, with families of the bereaved in Iran still asking questions as to how the deadly inferno happened.

Video: Six dead after Soviet-era freighter sinks in Black Sea. *Maritime Executive*.

7 January 2019. Available from: <https://www.maritime-executive.com/article/video-six-dead-after-soviet-era-freighter-sinks-in-black-sea> Six of the 13 crewmembers of the coastal freighter *Volgo Balt 214* died Monday after their vessel sank in the Black Sea.

43 Containers from *MSC Zoe* remain to be located. *World Maritime News*. 8 January 2019.

Available from: <https://worldmaritimenews.com/archives/267979/> The majority of containers were found at two locations, Dutch public works and water management department Rijkswaterstaat said on January 6.

Giant tanker explosion rocks outlying island off Hong Kong. By Jason Jiang. *Splash 247.com*.

8 January 2019. Available from: <https://splash247.com/giant-tanker-explosion-rocks-outlying-island-off-hong-kong/> The 2010-built product tanker *Aulac Fortune* caught fire following a massive explosion onboard near Hong Kong's Lamma Island at around 11:30am this morning.

The tragedy of the oil tanker *Aulac Fortune*. *South China Morning Post*. 8 January 2019.

Available from: <https://multimedia.scmp.com/news/hong-kong/article/2181233/Aulac-Fortune/> On the morning of January 8, the oil tanker *Aulac Fortune* caught fire one mile south of Lamma Island, leaving one crew member dead.

MOL suspends cruise ship master after allision in Guam. *World Maritime News*. 8 January 2019.

Available from: <https://worldmaritimenews.com/archives/268010/> Namely, the Master in charge of maneuvering the 22,472 gross ton vessel was suspended pending the results of the investigation as there were reports of alcohol use on the day of the accident.

Number of containership fires is 'shocking'. By Chris Dupin. *American Shipper*.

8 January 2019. Available from:

https://www.americanshipper.com/magazine/daily/?year=2019&month=1&day=8&page_number=2

The fires onboard the Hapag-Lloyd ship *Yantian Express* off the coast of Nova Scotia and the car carrier *Serenity Ace* in the North Pacific are highlighting what have become frighteningly commonplace occurrences.

One dead, two still missing after explosion rips through oil and chemical tanker off Hong Kong's Lamma Island. *South China Morning Post*. 9 January 2019. Available from:

<https://www.scmp.com/news/hong-kong/society/article/2181128/emergency-crews-battle-oil-tanker-blaze-hong-kongs-lamma> A crewman was killed, seven injured and two are still missing after an oil tanker caught fire off the coast of Lamma Island in Hong Kong on Tuesday.

Storm interferes with *MSC Zoe* cleanup. By Niklas Krigslund. *ShippingWatch*. 10 January 2019.

Available from: <https://shippingwatch.com/secure/carriers/Container/article11116135.ece> A storm has disturbed the cleanup after container ship *MSC Zoe*, which lost roughly 270 containers in the North Sea shortly after New Year's.

VIDEO: Car carrier master hails *Sincerity Ace* rescue effort. By Dale Wainwright. *TradeWinds*.

10 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1671905/video-car-carrier-master-hails-sincerity-ace-rescue-effort> The master of one of the ships that helped save the crew of the *Sincerity Ace* has provided a dramatic account of the operation.

Container fire on the "*Yantian Express*" now under control. *Hapag-Lloyd*. 10 January 2019.

Available from: <https://www.hapag-lloyd.com/en/press/releases/2019/01/-container-fire-on-the-yantian-express--now-under-control.html> On 3 January, a fire broke out in one container on the deck of the "*Yantian Express*" and spread to additional containers.

Fatigue responsible for 2017 occurrence in which a BC tug boat made bottom contact.

Transportation Safety Board of Canada. 10 January 2019. Available from: <http://www.bst-tsb.gc.ca/eng/medias-media/communiqués/marine/2019/m17p0244-20190110.asp>

Today, the Transportation Safety Board of Canada (TSB) released its investigation report (M17P0244) into a July 2017 occurrence during which the tug *Ocean Monarch* made bottom contact while transiting the Princess Royal Channel south of Kitimat, British Columbia.

Official: Finding guilty not target of Sanchi incident investigation. *Islamic Republic News Agency - IRNA (Iran)*. 11 January 2019. Available from: <http://www.irna.ir/en/News/83166405>

Addressing ceremonies, marking the first anniversary of *Sanchi* incident, Mohammad Rastad said, "The most important action taken by the Ports and Maritime Organization in response to the *Sanchi* ship incident was assessment of the causes and factors causing the accident and this was made possible through forming a committee to investigate the case in accordance with the International Convention for the Safety of Life at Sea."

Cosco crewman dies in fall on cargoship. By Gary Dixon. *TradeWinds*. 11 January 2019.

Available from: <https://www.tradewindsnews.com/drycargo/1672710/cosco-crewman-dies-in-fall-on-cargoship> Another seafarer injured in incident in Brazilian port.

Loss of containers from MSC Zoe in the Wadden Sea Protected Area shows that maritime transport regulations are not being enforced. *KIMO Municipalities for Sustainable Seas*.

11 January 2019. Available from: <http://www.kimointernational.org/news/press-release-msc-zoe/>

Beaches and coastlines of KIMO International member municipalities in the Wadden Sea area have been polluted in the recent *MSC Zoe* container ship accident.

Divers search damaged tanker for missing crewmembers. *Maritime Executive*. 11 January 2019.

Available from: <https://www.maritime-executive.com/article/divers-search-burned-tanker-for-missing-crewmembers> Emergency response teams are still searching for two crewmembers from

the product tanker *Aulac Fortune*, which caught fire and exploded off Hong Kong on January 8.

Rescue team from Italy arrives to help re-float stranded freighter at Tripoli's port.

By Safa Alharathy. *Libya Observer*. 12 January 2019. Available from:

<https://www.libyaobserver.ly/inbrief/rescue-team-italy-arrives-help-re-float-stranded-freighter-tripolis-port> The Libyan Maritime Transport Club confirmed that an Italian ship with 20 rescue team

members arrived at the port of Tripoli to re-float the ship "*Atlantic Peach*" which grounded off the port of Tripoli about a week ago with one hundred and fifty containers aboard.

S. Korean LPG tanker leaks gas off Chinese coast. *Yonhap News Agency (South Korea)*.

14 January 2019. Available from: <https://en.yna.co.kr/view/AEN20190114006400315> A South Korean-registered liquefied petroleum gas (LPG) carrier has leaked gas into seas off China's east coast, but no casualties has been reported, a Chinese newswire said Monday.

Collision leaves pipelayer lying on its side. By Jonathan Boonzaier. *TradeWinds*.

14 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1673822/collision-leaves-pipelayer-lying-on-its-side> A Vallianz Offshore pipe-layer was seriously damaged over

the weekend after it was involved in a collision with a Pertamina tanker while anchored off the Indonesian island of Bintan at the eastern entrance to the Singapore Strait.

More fire-fighting tugs en route to container ship burning off Nova Scotia. *Halifax Today*

(Canada). 14 January 2019. Available from: <https://www.halifaxtoday.ca/local-news/more-fire-fighting-tugs-en-route-to-container-ship-burning-off-nova-scotia-1195361> More help is on the way

for a Halifax-bound container ship that has been burning off Canada's East Coast since Jan. 3.

Search for missing palm oil carrier enters third week. *World Maritime News*. 14 January 2019.

Available from: <https://worldmaritimeneeds.com/archives/268445/> All communication with the vessel, operated by PT Surabaya Shipping Lines, was lost on December 27, sparking a wide search and rescue operation.

SHIPPING NEWS: A safe harbour for a distressed ship. By Peter Ziobrowski.

Chronicle Herald (Canada). 15 January 2019. Available from:

<https://www.thechronicleherald.ca/business/shipping-news-a-safe-harbour-for-a-distressed-ship-276067/> The fire aboard the Halifax bound container ship *Yantain Express* is turning into an excellent case study in maritime casualty management.

First photos show fire damage to the *Yantian Express*' cargo. *Maritime Executive*.

16 January 2019. Available from: <https://maritime-executive.com/article/first-photos-show-fire-damage-to-the-yantian-express-cargo>

The first photos of the fire damage to the container ship *Yantian Express* have emerged, and the imagery suggests that the extent of the blaze was much smaller than the devastating fire aboard the *Maersk Honam* in 2018.

TAIC publishes final report fatal accident in 2017 on cruise ship *Emerald Princess*.

New Zealand Transport Accident Investigation Commission (TAIC). 17 January 2019.

Available from: <https://taic.org.nz/news/taic-publishes-final-report-fatal-accident-2017-cruise-ship-emerald-princess> The Chief Investigator of Accidents, Captain Tim Burfoot, says the ship's crew were re-pressurising the gas cylinders after maintenance, when the cylinder burst and fatally injured a nearby crew member. [Report](#)

Spotlight on cargo inaccuracies after spate of incidents. By Nidaa Bakhsh. *Lloyd's List*.

17 January 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125836>

The misdeclaration of containerised cargoes is back in the spotlight given a spate of fires and other incidents in recent months.

Passengers sue Carnival claiming ship tilt left them injured. By Dennis O'Neill.

Marine Professional (IMarEST). 18 January 2019. Available from:

<https://www.imarest.org/themarineprofessional/item/4663-passengers-sue-carnival-claiming-ship-tilt-left-them-injured> Cruise giant Carnival is facing a lawsuit from three passengers who claim they were injured when a Carnival ship they were on listed to one side.

Several killed after 2 ships catch fire in Kerch Strait, one 'rocked by blast'.

RT (Russia). 21 January 2019. Available from: <https://www.rt.com/news/449357-kerch-strait-ships-fire/> Two ships have caught fire while moving through the Kerch Strait separating Crimea from mainland Russia, after one of them was apparently rocked by an explosion.

Russian rescue amid deadly blaze on two cargo ships off Crimea. *BBC News*. 21 January 2019.

Available from: <https://www.bbc.co.uk/news/world-europe-46948718> Russian rescuers are trying to reach sailors who jumped overboard.

No chance to find other survivors in Kerch Strait ship fire - maritime agency. *TASS Russian News Agency*.

22 January 2019. Available from: <http://tass.com/emergencies/1041079> There are no chances to find survivors in the ship fire in the Kerch Strait, the press service of the Federal Agency for Maritime and River Transport said on Tuesday.

General cargo ship sinks near Fujian, one missing. By Jason Jiang. *Splash 247.com*.

22 January 2019. Available from: <https://splash247.com/general-cargo-ship-sinks-near-fujian-one-missing/> Chinese general cargo ship *Zhong Xing 689* sank near Pingtan of Fujian yesterday, while it was sailing from Shantou to Pingtan.

Chinese polar research ship damaged after hitting iceberg in Antarctica. *ABC (Australia)*.

22 January 2019. Available from: <https://www.abc.net.au/news/2019-01-23/chinese-icebreaker-damaged-after-hitting-iceberg-in-antarctica/10738848> The *MV Xue Long*, which translates as Snow Dragon, was moving through the Amundsen Sea in "dense ice" when it struck the iceberg, China's Ministry of Natural Resources said in a notice posted on its website.

Kerch Strait blast investigation shifts to sanctioned vessel operations. By Richard Meade.

Lloyd's List. 22 January 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1125952/Kerch-Strait-blast-investigation-shifts-to-sanctioned-vessel-operations>

At least 14 crew are now confirmed to have died after two Tanzanian-flagged liquid petroleum gas carriers caught fire in the Kerch Strait during a ship-to-ship transfer operation on Monday evening.

Swedish Club counts US\$1.85M cost of engineroom fires. By Gavin Lipsith.

Marine Propulsion & Auxiliary Machinery. 22 January 2019. Available from:

https://www.mpropulsion.com/news/view,swedish-club-counts-us185m-cost-of-engineroom-fires_56518.htm

Insurer The Swedish Club has reported that 28 engine room fires over a 10 year period cost shipowners an average of US\$1.85M, more than any other hull and machinery claim.

Dealing with engine room fires. By Peter Stålberg. *Swedish Club*. January 2019. Available from:

<https://bit.ly/2ScKOD0> Over the last 10 years, between 2008 and 2017, The Swedish Club received 28 reports concerning engine room fires.

6 Indian sailors killed, 6 missing in ship accident off Russia. *Times of India*. 23 January 2019.

Available from: <https://timesofindia.indiatimes.com/india/6-indian-sailors-killed-6-missing-in-kerch-strait-ship-accident/articleshow/67660789.cms>

At least six Indian sailors were killed and an equal number of them went missing after two fuel ships carrying Indian and Turkish crew members caught fire in the Kerch Strait where the blaze was still raging following the accident on Monday, officials said on Wednesday.

Polaris ceo and four others face arrest warrants over *Stellar Daisy* sinking. By Lee Hong Liang.

Seatrade Maritime News. 24 January 2019. Available from: <https://bit.ly/2CTHyCC>

Kim Wan-joong, ceo of Polaris Shipping, and four others are facing arrest warrants over the tragic sinking of VLOC *Stellar Daisy* 22 months ago.

Pilot lost bearings as Russian cargoship grounded. By Gary Dixon. *TradeWinds*.

24 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1684294/pilot-lost-bearings-as-russian-cargoship-grounded>

A Russian general cargoship suffered extensive hull damage in a UK grounding after a pilot lost positional awareness, a report has found.

Accident Investigation Report 1/2019: Grounding of general cargo vessel *Celtica Hav*.

UK Marine Accident Investigation Branch (MAIB). 24 January 2019. Available from:

<https://www.gov.uk/maib-reports/grounding-of-general-cargo-vessel-celtica-hav> At 1438 on 27 March 2018, the Bahamas registered general cargo vessel *Celtica Hav* grounded on a stone training wall in the approach channel to the River Neath, Wales. [Report](#)

Taiwanese tanker hits bridge in Indonesia. By Gary Dixon. *TradeWinds*. 24 January 2019.

Available from: <https://bit.ly/2BI3K91> A Taiwanese tanker has been freed by tugs after hitting

a bridge in Indonesia.

Crane collapses onto container ship in Vancouver. *Global News (Canada)*. 28 January 2019.

Available from: <https://bit.ly/2S3pobZ> A huge crane collapsed onto a container ship on Monday after the vessel crashed into it.

Two killed in Cido Shipping Aframax explosion. By Jonathan Boonzaier. *TradeWinds*.

29 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1686794/two-killed-in-cido-shipping-afamax-explosion>

Fire fighters are said to have quickly extinguished a fire on board Cido Shipping (Hong Kong)'s Aframax tanker *LR2 Poseidon* yesterday afternoon at a Tuzla Shipyard near Istanbul.

ENVIRONMENT

World takes a stand against powerful greenhouse gases with implementation of Kigali Amendment. *United Nations Environment Programme (UNEP)*. 3 January 2019. Available from: <https://www.unenvironment.org/news-and-stories/press-release/world-takes-stand-against-powerful-greenhouse-gases-implementation> The world has taken an important step on the road to drastically reduce the production and consumption of powerful greenhouse gasses known as hydrofluorocarbons (HFCs) and limit global warming, with the Kigali Amendment to the Montreal Protocol on Substances that Deplete the Ozone Layer coming into force on 1st January 2019.

How China's big overseas initiative threatens global climate progress. **By Isabel Hilton.** *Yale Environment 360*. 3 January 2019. Available from: <https://e360.yale.edu/features/how-chinas-big-overseas-initiative-threatens-climate-progress> China's Belt and Road Initiative (BRI), launched by President Xi Jinping in 2013, has been described as the most ambitious infrastructure project in history.

Fate of corals hangs in the balance. *United Nations Environment Programme (UNEP)*. 4 January 2019. Available from: <https://www.unenvironment.org/news-and-stories/story/fate-corals-hangs-balance> In November 2018, a new coral reef communication effort involving inter-governmental organizations, international conservation organizations, and private foundations was announced at the Convention on Biological Diversity in Egypt to send a message about the need for bold leadership to save coral reefs from near-extinction by mid-century.

Quieter ships could help Canada's endangered orcas recover. **By Priyanka Varkey and Tony Robert Walker.** *The Conversation*. 8 January 2019. Available from: <https://theconversation.com/quieter-ships-could-help-canadas-endangered-orcas-recover-107515> With the death of the young female orca calf known as J50 in the Pacific Northwest in September 2018, the population of southern resident killer whales has fallen to 74.

British Antarctic Survey wins funding for ship emissions research. **By Dennis O'Neill.** *Marine Professional (IMarEST)*. 8 January 2019. Available from: <https://www.imarest.org/themarineprofessional/item/4651-british-antarctic-surveys-wins-funding-for-ship-emissions-research> Scientists at the British Antarctic Survey (BAS) have been awarded funding to enable them to assess the impact of emissions from shipping and to quantify and manage the risk of climate hazards.

Charting the course for ocean sustainability in the Indian Ocean Rim. *World Ocean Initiative (WOI)*. 8 January 2019. Available from: <https://www.woi.economist.com/sustainability-indian-ocean-rim/> Charting the course for ocean sustainability in the Indian Ocean Rim is an Economist Intelligence Unit report, sponsored by Environment Agency Abu Dhabi and the Department of Economic Development Abu Dhabi, which highlights key ocean challenges facing the Indian Ocean Rim countries and showcases initiatives undertaken by governments and the private sector in the region to address these challenges.

Oceans are warming even faster than previously thought. **By Kara Manke.** *University of California*. 10 January 2019. Available from: <https://news.berkeley.edu/2019/01/10/oceans-are-warming-even-faster-than-previously-thought/> Heat trapped by greenhouse gases is raising ocean temperatures faster than previously thought, concludes an analysis of four recent ocean-heating observations.

World first: Dhow made from plastic waste to sail along Africa's coast to raise awareness about single-use plastic. *United Nations Environment Programme (UNEP)*. 11 January 2019.

Available from: <https://www.unenvironment.org/news-and-stories/press-release/world-first-dhow-made-plastic-waste-sail-along-africas-coast-raise> A traditional dhow sailing boat made entirely from plastic trash collected from Kenya's beaches and towns will make its maiden voyage later this month from Lamu in Kenya to Zanzibar in Tanzania – a 500-kilometre expedition stopping at communities along the way to change mindsets about plastic waste.

ICES Viewpoints: accelerating applications of science. *International Council for the Exploration of the Sea (ICES)*. 11 January 2019. Available from: <https://www.ices.dk/news-and-events/news-archive/news/Pages/ICES-Viewpoints-biofouling.aspx> The risk associated with vessel biofouling is the subject of the first ICES viewpoint release.

Why the ocean holds the key to sustainable development. **By Erna Solberg.** *World Economic Forum*. 14 January 2019. Available from: <https://www.weforum.org/agenda/2019/01/the-oceans-hold-the-key-to-sustainable-development/> It is only 12 years until 2030, the deadline for achieving the United Nations Sustainable Development Goals (SDGs).

'Stop treating seas as a sewer,' MPs urge in bid for protection treaty. **By Fiona Harvey.**

The Guardian. 17 January 2019. Available from: <https://www.theguardian.com/environment/2019/jan/17/stop-treating-seas-as-a-sewer-mps-urge-in-bid-for-protection-treaty> A new global agreement to protect the seas should be a priority for the government to stop our seas becoming a "sewer", according to a cross-party group of MPs.

Conference unites students, regulators, industry to save our seas. *Maritime Executive*.

17 January 2019. Available from: <https://www.maritime-executive.com/corporate/conference-unites-students-regulators-industry-to-save-our-seas> The North American Marine Environment Protection Association (NAMEPA) and California State University Maritime Academy (Cal Maritime) co-hosted the "What's in Your Stack?" conference on January 11, 2019 on the Cal Maritime campus.

£20 million research hub to tackle threats to world's ocean. *University of Strathclyde (UK)*.

22 January 2019. Available from: <https://www.strath.ac.uk/whystrathclyde/news/20millionresearchhubtotacklethreatstoworldsoceans/> From plastic pollution to rising sea levels and acidification to over-fishing, the threats facing our oceans are well-known.

WWF welcomes call by Sir David Attenborough for global environmental action. *WWF*.

22 January 2019. Available from: <https://www.worldwildlife.org/press-releases/wwf-welcomes-call-by-sir-david-attenborough-for-global-environmental-action> WWF welcomes today's call from Sir David Attenborough, made in conversation with the Duke of Cambridge, in which he urged political and business leaders to protect the natural world.

Invasive species hitch rides on ships, ecological study finds. **By Zafrir Rinat.** *Haaretz (Israel)*.

23 January 2019. Available from: <https://www.haaretz.com/israel-news/invasive-species-hitch-rides-on-ships-ecological-study-finds-1.6868009> The spread of invasive species through shipping endangers ecological systems and disrupts marine traffic, and is only expected to increase unless counter-measures are taken, according to a report published this month by the International Council for the Exploration of the Sea.

Regional cooperation for the protection of the marine environment. *Maritime Institute*

of Malaysia (MIMA). 24 January 2019. Available from: <http://www.mima.gov.my/news-list/333-regional-cooperation-for-the-protection-of-the-marine-environment.html> An International Conference on Regional Cooperation for the Protection of the Marine Environment was organised by the Centre for International Law (CIL) of the National University of Singapore (NUS) and supported by JCLOS (K.G. Jebsen Centre for the Law of the Sea) to discuss cooperative efforts by existing regional bodies and platforms, as well as possible ways to improve the state of the marine environment in the region.

Carbon dioxide emissions from global fisheries larger than previously thought.

Sea Around Us. 25 January 2019. Available from: <http://www.seaaroundus.org/carbon-dioxide-emissions-from-global-fisheries-larger-than-previously-thought/> Carbon dioxide emissions from the fuel burnt by fishing boats are 30 per cent higher than previously reported, researchers with the Sea Around Us initiative at the University of British Columbia and the Sea Around Us – Indian Ocean at the University of Western Australia have found.

Protecting the "Blue Economy". By Dirk Siebels. *Maritime Executive*. 26 January 2019.

Available from: <https://www.maritime-executive.com/magazine/protecting-the-blue-economy>
Just before sunrise the *Kelewele*, a small product tanker anchored off the port of Cotonou, Benin on the Gulf of Guinea, comes to life.

Emissions targets for transport sector can't be met using natural gas alone.

By Caroline Brogan. *Imperial College London*. 28 January 2019. Available from:

<https://www.imperial.ac.uk/news/190012/emissions-targets-transport-sector-cant-using/>

The International Maritime Organization (IMO) - the United Nations' organisation for shipping - seeks to at least halve greenhouse gas emissions from ships by 2050 compared to 2008 levels.

White Paper 4: Can natural gas reduce emissions from transport? By Jamie Speirs, Paul Balcombe, Jasmin Cooper, Paul Blomerus, Nigel Brandon, and Adam Hawkes.

Imperial College London. 28 January 2019. Available from: <https://bit.ly/2UwOz3l>

Emissions in the transport sector are an increasingly important issue in global energy systems.

[Full White Paper](#)

Kuwaiti experts use nuclear technology to study the marine environment. By Aabha Dixit.

International Atomic Energy Agency (IAEA). 28 January 2019. Available from:

<https://www.iaea.org/newscenter/news/kuwaiti-experts-use-nuclear-technology-to-study-the-marine-environment>

In the face of climate change and increased industrial activity, scientists in Kuwait are using nuclear science to address challenges to the marine environment, with the assistance of the IAEA.

In pursuit of quieter solutions. *Naval Architect*. January 2019. Available from:

https://www.rina.org.uk/in_pursuit_of_quieter_solutions.html Sound in the world's oceans originates from many sources, such as storms, animals, earthquakes, commercial shipping, marine construction, military activities, oil and gas exploration and production, and even clouds of bubbles.

ENVIRONMENTAL POLLUTION

Indonesian marine life affected by sinking of *Ocean Princess*: government.

By Rahmad Nasution. *Antara News (Indonesia)*. 4 January 2019. Available from:

<https://en.antaranews.com/news/121685/indonesian-marine-life-affected-by-sinking-of-ocean-princess-government>

Oil tanker *Ocean Princess* that sank in the vicinity waters off Aemoli Village in eastern Indonesia on December 22, 2018 has affected the marine life of Pantar Strait and its surrounding waters, an official stated.

Husky Energy's SeaRose operation still on hold, as oil spill investigation continues.


Canadian Broadcasting Corporation (CBC). 8 January 2019. Available from:

<https://www.cbc.ca/news/canada/newfoundland-labrador/husky-searose-shutdown-continues-1.4969549>

Nearly two months after the largest oil spill in Newfoundland and Labrador's history, production at Husky Energy's SeaRose FPSO remains on hold, while the Canada-Newfoundland and Labrador Offshore Petroleum Board continues its investigation.

Schulich team develops 'super sponge' for oil spill cleanup. By Michael Platt. *University of Calgary (Canada)*. 9 January 2019. Available from: <https://ucalgary.ca/utoday/issue/2019-01-09/schulich-team-develops-super-sponge-oil-spill-cleanup> They call it "magnetic boron nitride (MBN)" but what a team of engineering researchers at the University of Calgary has developed, to put it simply, is a super sponge for soaking up aquatic oil spills.

NGOs call for scrubber ban within European ECAs. *Ship & Bunker*. 18 January 2019. Available from: <https://shipandbunker.com/news/emea/459147-ngos-call-for-scrubber-ban-within-european-ecas> A number of environmental groups including NABU, France Nature Environment (FNE), and Bird Life Malta have collectively called for a complete ban on heavy fuel oil and the use of scrubbers within European Emissions Control Areas.


Emission Control Area (ECA) for the Mediterranean Sea. *NABU (Nature and Biodiversity Conservation Union)*. January 2019. Available from: https://en.nabu.de/imperia/md/content/nabude/verkehr/hg_mediterranean_eca_final.pdf  Air pollution from ships is a significant threat to health, environment and climate.

Public urged to stay away from New Plymouth beach after spill. By Mike Watson. *Stuff (New Zealand)*. 21 January 2019. Available from: <https://www.stuff.co.nz/environment/110059215/strong-hydrocarbon-smell-from-spill-at-new-plymouth-beach> An investigation is under way after an estimated 100 litres of a diesel-type substance spilled from a stream and into the sea at New Plymouth's Ngamotu Beach.

Technical failures increase risk of contaminated Fukushima water discharge into Pacific - Greenpeace. *Greenpeace International*. 22 January 2019. Available from: <https://www.greenpeace.org/international/press-release/20351/technical-failures-increase-risk-of-contaminated-fukushima-water-discharge-into-pacific-greenpeace/> The nuclear water crisis at the Fukushima Daiichi plant has been compounded by multiple technical failures and flawed decision making driven by short term cost cutting by the Japanese government and TEPCO, a new Greenpeace Germany analysis concludes.

Marine pollution and oil spill accidents on the rise: Coast Guard. *Yonhap News Agency (South Korea)*. 23 January 2019. Available from: <https://en.yna.co.kr/view/AEN20190123009000325> The number of marine pollution and oil spill accidents in South Korea increased last year, the Korea Coast Guard (KCG) said Wednesday.

How California's worst oil spill turned beaches black and the nation green. By Jon Hamilton. *National Public Radio (US)*. 28 January 2019. Available from: <https://n.pr/2CT5g1W> On January 28, 1969, an oil well off the coast of Santa Barbara, Calif., experienced a blowout.

Exploring the potential for adopting alternative materials to reduce marine plastic litter. *United Nations Environment Programme (UNEP)*. January 2019. Available from: <https://bit.ly/2ySjcr4> This report aims to provide representative examples of some of the many alternative materials that are either available commercially, or are in development. [Report](#) 

HEALTH & SAFETY

Seafarer mental health management: We don't talk about that. By Carolyn Graham.

Splash 247.com. 3 January 2019. Available from: <https://splash247.com/seafarer-mental-health-management-we-dont-talk-about-that/> Would talking about health in committee meetings on ships contribute to improving seafarers' health and safety?

Investigation: Air quality on Carnival Corp cruise ships can be worse than some of world's most polluted cities. Stand.earth. 23 January 2019. Available from:

<https://www.stand.earth/latest/air-pollution-investigation-carnival-corporation> A new investigative report released today details the shocking findings of a two-year study exposing extremely poor air quality on four Carnival Corporation ships that can be worse than some of the world's most polluted cities including Beijing, China and Santiago, Chile.

The air quality on cruise ships is so bad, it could harm your health, undercover report says.

By Susan Scutti. *CNN*. 26 January 2019. Available from:

<https://edition.cnn.com/2019/01/24/health/cruise-ship-air-quality-report/index.html> Cruise ships generate high levels of air pollution that could endanger the health of passengers, staff and port communities, according to an undercover report released Thursday.

Ten threats to global health in 2019. *World Health Organization (WHO)*. January 2019.

Available from: <https://www.who.int/emergencies/ten-threats-to-global-health-in-2019> The world is facing multiple health challenges.

IMO

Kitack Lim outlines IMO's main tasks in 2019. By Louise Vogdrup-Schmidt. *ShippingWatch*.

3 January 2019. Available from: <https://shippingwatch.com/secure/carriers/article11103044.ece> The IMO will largely focus on emissions in 2019.

What next as MEPC 73 rejects proposal for an IMO 2020 experience building phase? *Hellenic Shipping News*.

15 January 2019. Available from: <https://www.hellenicshippingnews.com/what-next-as-mepc-73-rejects-proposal-for-an-imo-2020-experience-building-phase/> Renewed doubts about the implementation of the 2020 sulphur limit, sown by media reports ahead of the 73rd session of the IMO's Marine Environment Protection Committee, have hopefully been put to bed.

Our women welcome World Day Theme. By Inoke Rabonu. *Fiji Sun Online*. 16 January 2019.

Available from: <https://fijisun.com.fj/2019/01/16/our-women-welcome-world-day-theme/> The recent announcement by the International Maritime Organisation (IMO) on this year's World Maritime Day theme has been welcomed by the Fiji Women in Maritime Association.

LAW & POLICY

Norway delays new scrubber ban, sulphur cap. *Ship & Bunker*. 2 January 2019. Available from: <https://shipandbunker.com/news/emea/385826-norway-delays-new-scrubber-ban-sulfur-cap>

The Norwegian Maritime Authority (NIMA) says it has had to delay a new scrubber ban and sulfur cap on bunkers it had planned to put in place in January 1, 2019.

UK minister defends giving Brexit ferry contract to company with no ships.

By Andrew MacAskill. *Reuters*. 2 January 2019. Available from: <https://reut.rs/2HH3Wot>

Britain's transport minister Chris Grayling has defended the decision to award a 14 million pound (\$17.8 million) contract for shipping goods after Brexit to a new ferry company that has yet to secure any vessels.

It's a law - Russian Arctic shipping to be regulated by Rosatom. By Atle Staalesen.

Independent Barents Observer (Norway). 2 January 2019. Available from:

<https://thebarentsobserver.com/en/arctic/2019/01/its-law-russian-arctic-shipping-be-regulated-rosatom> Rosatom has officially been granted the leading role in the development of the vast Russian Arctic.

Number of irregular crossings at Europe's borders at lowest level in 5 years. FRONTEX

European Border and Coast Guard Agency. 4 January 2019. Available from:

<https://frontex.europa.eu/media-centre/news-release/number-of-irregular-crossings-at-europe-s-borders-at-lowest-level-in-5-years-ZfkoRu> Last year the number of illegal border-crossings at Europe's external borders has fallen by a quarter compared with 2017 to an estimated 150 000, the lowest level in five years.

URI researcher: Changing climate creating conflict over international ocean governance.

University of Rhode Island (US). 7 January 2019. Available from: <https://today.uri.edu/news/uri-researcher-changing-climate-creating-conflict-over-international-ocean-governance/>

The international governance of marine areas beyond national jurisdictions is an issue of growing importance as temperatures increase, sea levels rise, islands become submerged, and artificial islands are constructed.

Commission lifts "yellow card" from Thailand for its actions against illegal fishing.

European Commission. 8 January 2019. Available from: http://europa.eu/rapid/press-release_IP-19-61_en.htm Today the Commission acknowledges that Thailand has successfully addressed the shortcomings in its fisheries legal and administrative systems.

DNV GL helps Washington State to develop a strategic roadmap for sustainable maritime sector growth. *DNV GL*. 9 January 2019. Available from: <https://bit.ly/2TmZv3A>

At an event in Seattle, Washington State Governor Jay Inslee's Maritime Innovation Advisory Council unveiled the results of their year-long effort to develop a comprehensive strategy for leading the nation in the "blue" economy through clean technology and best practices.

Seafood giant Clearwater convicted of 'gross violation' in lobster fishery. By Paul Withers.

Canadian Broadcasting Corporation (CBC). 9 January 2019. Available from:

<https://www.cbc.ca/news/canada/nova-scotia/seafood-giant-clearwater-convicted-of-gross-violation-in-lobster-fishery-1.4971558> Canadian seafood giant Clearwater was convicted of "gross violation" of fisheries regulations last fall after senior management ignored federal government warnings to change the way the company conducts its monopoly offshore lobster fishery, CBC News has learned.

Responsibility and liability for damage arising out of activities in the area: Attribution of Liability. By Tara Davenport.

Centre for International Governance Innovation (CIGI).

10 January 2019. Available from: <https://www.cigionline.org/publications/responsibility-and-liability-damage-arising-out-of-activities-area-attribution-liability> This paper explores a critical component of any liability and compensation regime, namely which actors, among the many involved in a particular activity, should ultimately be held liable for risks related to damage arising from a particular activity. [Liability Issues for Deep Seabed Mining Series: Paper No. 4 — January 2019](#)

China taking further steps to clean up shipping pollution. By Barbara Finamore.

Natural Resources Defense Council (NRDC). 10 January 2019. Available from:

<https://www.nrdc.org/experts/barbara-finamore/china-taking-further-steps-clean-shipping-pollution>

On December 10th, the Ministry of Transport released a new regulation designating a coastal domestic emission control area (DECA) that extends 12 nautical miles off China's coastline.

Trans Mountain pipeline: NEB releases draft conditions on marine protection.

Vancouver Sun (Canada). 10 January 2019. Available from: <https://vancouversun.com/news/local-news/trans-mountain-pipeline-neb-releases-draft-conditions-on-marine-protection>

The focus of the review is to apply the Canadian Environmental Assessment Act and the Species at Risk Act to project-related marine shipping, the board says in the document.

EU under fire after lifting threat to ban Thai seafood imports over illegal fishing.

By Kate Hodal. *The Guardian.* 10 January 2019. Available from:

<https://www.theguardian.com/environment/2019/jan/10/eu-under-fire-after-lifting-threat-to-ban-thai-seafood-imports-over-illegal-fishing>

The EU has been accused of sending out the wrong message after removing Thailand from a list of countries failing to tackle illegal fishing.

Court awards Sewol survivors compensation. Yonhap News Agency (South Korea).

14 January 2019. Available from: <https://en.yna.co.kr/view/AEN20190114006900315> A regional court on Monday awarded compensation to survivors of a 2014 deadly ferry sinking for their mental and physical suffering, acknowledging negligence by both the state and the company that owned the ferry.

Snow crab case to decide who has the right to explore for Arctic oil. EurActiv. 15 January 2019.

Available from: <https://www.euractiv.com/section/global-europe/news/snow-crab-case-to-decide-who-has-the-right-to-explore-for-arctic-oil/>

Norway's Supreme Court will on Tuesday (15 January) hear arguments on whether EU ships can fish for snow crab off the Svalbard archipelago north of Norway without permission from Oslo, a case that could decide who has the right to explore for oil in the region.

Norwegian cruise destination set to curb number of ship visits. By Geoff Garfield.

TradeWinds. 15 January 2019. Available from:

<https://www.tradewindsnews.com/passengerships/1673978/norwegian-cruise-destination-set-to-curb-number-of-ship-visits>

Bergen is Norway's second-largest city, inhabited by about 280,000 people, and its population has been growing quickly over the past decade — but not as rapidly as when the cruiseships arrive.

Short-Term Energy Outlook. US Energy Information Administration (EIA). 15 January 2019.

Available from: <https://www.eia.gov/outlooks/steo/> This edition of the Short-Term Energy Outlook is the first to include forecasts for 2020.

Democratic People's Republic of Korea - Enforcement of UN, U.S. and EU Sanctions.

International Group of P&I Clubs (IGP&I). 15 January 2019. Available from:

<https://www.igpandi.org/article/ig-guidance-risk-dprk>

This circular informs shipowners of the significant risk of evading the comprehensive international sanctions regime against the Democratic People's Republic of Korea (DPRK) which the United Nations Security Council introduced in 2017.

World Bank Group announces \$50 billion over five years for climate adaptation and resilience. *World Bank*. 15 January 2019. Available from: <https://bit.ly/2BakclW> Under the plan, the World Bank Group will ramp up direct adaptation climate finance to reach \$50 billion over FY21–25.

The Global Risks Report 2019. *World Economic Forum*. 15 January 2019. Available from: <https://www.weforum.org/reports/the-global-risks-report-2019> The Global Risks Report 2019 is published against a backdrop of worrying geopolitical and geo-economic tensions.

Turkey - significant increase in pollution fines announced. *West of England P&I Club*. 16 January 2019. Available from: <https://www.westpandi.com/Publications/News/turkey---significant-increase-in-pollution-fines/> Pollution fines in Turkey have been subject to a regular annual increase for a number of years, but in the latest round which entered into force in December 2018 very significant increases have been levied.

U.S. Coast Guard, CBP apprehend stowaways on containership off Miami. By Mike Schuler. *gCaptain*. 17 January 2019. Available from: <https://gcaptain.com/u-s-coast-guard-cbp-apprehend-stowaways-aboard-containership-off-miami/> The U.S. Coast Guard and Customs and Border Protection responded to a report of three stowaways found hiding on an Antigua and Barbuda-flagged containership approximately three miles offshore of Port of Miami on Wednesday.

Fuel tankers help highlight illegal fishing hotspots. By Kimberly Riskas. *Hakai Magazine*. 17 January 2019. Available from: <https://www.hakaimagazine.com/news/fuel-tankers-help-highlight-illegal-fishing-hotspots/> Fuel tankers may help track down illegal fishing and unravel the criminal networks behind it, according to an Australian study.

These 8 innovations could help us dramatically reduce our fossil fuel use. *World Economic Forum*. 17 January 2019. Available from: <https://www.weforum.org/agenda/2019/01/eight-shifts-that-would-result-in-a-much-more-rapid-global-energy-transition/> We may be closer to a radical energy transition than expected, with some far-reaching developments already under way.

EU leaders must fix "broken system" that leaves people adrift at sea. *Amnesty International*. 18 January 2019. Available from: <https://www.amnesty.org/en/latest/news/2019/01/eu-leaders-must-fix-broken-system-that-leaves-people-adrift-at-sea/> European leaders must urgently act to fix a system which deters states from assisting refugees and migrants in peril at sea, said Amnesty International in an analysis published today.

Blue Economy in the Indian Ocean: Governance perspectives for sustainable development in the region. By Aparna Roy. *Observer Research Foundation (ORF)*. 18 January 2019. Available from: <https://www.orfonline.org/research/blue-economy-in-the-indian-ocean-governance-perspectives-for-sustainable-development-in-the-region-47449/> Oceans are the world's single largest ecosystem, covering nearly three-fourths of the earth's surface, thereby providing a massive arena for emerging complex and interconnected development issues such as climate change, livelihoods, commerce, and security.

Russian Ministers try nervously to fulfill Putin's Arctic shipping goals. By Charles Digges. *Bellona Foundation*. 21 January 2019. Available from: <http://bellona.org/news/arctic/russian-nuclear-icebreakers-fleet/2019-01-russian-ministers-try-nervously-to-fulfill-putins-arctic-shipping-goals> Ever since Russian President Vladimir Putin decreed last year that shipping traffic through the Arctic's Northern Sea Route must increase to a soaring 80 million tons annually within a mere five years, the emperor's wish has been treated as a reality.

Keep calm (and prepare for change). By Richard Clayton. *Lloyd's List*. 21 January 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125927/Keep-calm-and-prepare-for-change> The Brexit issue has become a nightmare for anyone involved in trade to or from the UK.

France and others plan to tackle air pollution in Mediterranean sea. By Michael Le Page.

New Scientist. 21 January 2019. Available from: <https://www.newscientist.com/article/2191427-france-and-others-plan-to-tackle-air-pollution-in-mediterranean-sea/> Cleaning up air pollution from shipping in the Mediterranean Sea would have financial benefits as well as saving lives.

Gordon Campbell on why shipping is NZ's new trade problem. By Gordon Campbell.

Scoop (New Zealand). 22 January 2019. Available from: <http://www.scoop.co.nz/stories/HL1901/S00069/gordon-campbell-on-why-shipping-is-nzs-new-trade-problem.htm> So Jacinda Ardern and Theresa May have signed a piece of paper promising peace in our time when it comes to our trade with Britain.

NIMASA urges judges to facilitate quick resolution of maritime disputes.

By Shulamite 'Foyeku. *Ships & Ports*. 22 January 2019. Available from: <http://shipsandports.com.ng/nimasa-urges-judges-to-facilitate-quick-resolution-of-maritime-disputes/> The Director-General, Nigerian Maritime Administration and Safety Agency, Dakuku Peterside, has appealed to the Nigerian judicial system to ensure that dispute resolution on maritime cases are treated with urgency, lamenting that the poor dispute resolution mechanism on maritime cases is scaring away investors from Nigeria.

Shutdown slows coast guard's administrative functions. *Maritime Executive*. 22 January 2019.

Available from: <https://www.maritime-executive.com/article/shutdown-slows-coast-guard-s-administrative-functions> 42,000 U.S. Coast Guard servicemembers are set to miss their second paycheck in a row on January 31 unless Congress and the White House approve an appropriation to cover their pay.

Xi Jinping and China's maritime policy. By Andrew Chubb. *Brookings Institution*.

22 January 2019. Available from: <https://www.brookings.edu/articles/xi-jinping-and-chinas-maritime-policy/> The ascension of Xi Jinping to the leadership of the Chinese Communist Party (CCP) has often been posited as a turning point for China's policy in the South and East China Sea maritime disputes.

Trieste: Silk Road return or how China called Italy's bluff? By Andre Wheeler. *Splash 247.com*.

23 January 2019. Available from: <https://splash247.com/trieste-silk-road-return-or-how-china-called-italys-bluff/> There has been much commentary around the intent and development of China's push to increase its trade and energy security with Europe.

Barbados joins other CARICOM countries in banning single-use plastic products.

Jamaica Observer. 23 January 2019. Available from: <https://bit.ly/2UvV1HZ> Barbados has become the latest Caribbean Community (CARICOM) country to announce a ban on the importation, retail, sale and use of petro-based single use plastic products.

EU governments set to fail on reaching their own objectives to protect marine wildlife from harmful ocean noise pollution. *Seas at Risk*. 23 January 2019. Available from:



<https://bit.ly/2RvWpsc> Member States of the European Union are set to fail to protect marine wildlife from the impacts of intense underwater noise levels by 2020, despite a requirement to do so under EU marine law.

Landmark offshore wind agreement protects Right Whales. By Francine Kershaw.

Natural Resources Defense Council (NRDC). 23 January 2019. Available from: <https://www.nrdc.org/experts/francine-kershaw/landmark-offshore-wind-agreement-protects-right-whales> One of the Atlantic Ocean's most majestic and most endangered species will be provided new protections under an unprecedented agreement between three environmental groups and Vineyard Wind.

Canada's marine refuges need an upgrade, says new SeaBlue Canada report. *WWF Canada*. 23 January 2019. Available from: <http://www.wwf.ca/newsroom/?29281/Canadas-marine-refuges-need-an-upgrade-says-new-SeaBlue-Canada-report> A new report from SeaBlue Canada reveals that more than half of Canada's marine refuges, a form of marine protected area in Canada, do not meet international standards.

UK to lead charge in emerging maritime technology. *UK Government*. 24 January 2019. Available from: <https://www.gov.uk/government/news/uk-to-lead-charge-in-emerging-maritime-technology> A new strategy launched today (24 January 2019) will set the UK as a pre-eminent global test-bed of emerging technology, enabling the country to capitalise on the economic potential of maritime innovations.

Maritime 2050: navigating the future. *UK Government*. 24 January 2019. Available from: <https://www.gov.uk/government/publications/maritime-2050-navigating-the-future> This strategy sets out the government's vision and ambitions for the future of the British maritime sector. [Full Report](#)  [Executive Summary](#) 

Arctic nations bet on 'blue economy' to reconcile climate, development goals.
By Alexandra Brzozowski. *EurActiv*. 24 January 2019. Available from: <https://www.euractiv.com/section/global-europe/news/arctic-nations-bet-on-blue-economy-to-reconcile-climate-development-goals/> Over the last 100 years, temperatures in the Arctic have been rising twice as fast as the global average.

Military buildup in Arctic as melting ice reopens northern borders. **By Jonathan Watts.** *The Guardian*. 24 January 2019. Available from: <https://www.theguardian.com/world/2019/jan/24/military-buildup-in-arctic-as-melting-ice-reopens-northern-borders> The climate crisis is intensifying a new military buildup in the Arctic, diplomats and analysts said this week, as regional powers attempt to secure northern borders that were until recently reinforced by a continental-sized division of ice.

UK starts returning cross-Channel migrants to France. *BBC News*. 24 January 2019. Available from: <https://www.bbc.co.uk/news/uk-46994986> The UK has begun returning migrants, who cross the Channel in small boats, to France in a bid to deter others from doing the same, the Home Office said.

Greek carrier fined for sulfur in Denmark. **By Louise Vogdrup-Schmidt, Katrine Grønvald Raun, and Niklas Krigslund.** *ShippingWatch*. 25 January 2019. Available from: <https://shippingwatch.com/carriers/article11150343.ece> A Greek carrier has been fined for sailing on fuel with excessive sulfur content in the Danish Port of Aarhus.

Positioning women for success in the Blue Economy. **By Jemimah Njuki and Michele Leone.** *International Development Research Centre - IDRC (Canada)*. 25 January 2019. Available from: <https://www.idrc.ca/en/resources/perspectives/positioning-women-success-blue-economy> Jackline Auma is a fisherwoman from Shakababo Lake in Kenya's Tana River Delta.

UK Maritime 2050 - Three decades or nine weeks? **By Felicity Landon.** *Seatrade Maritime News*. 25 January 2019. Available from: <http://www.seatrade-maritime.com/news/europe/uk-maritime-2050-three-decades-or-nine-weeks.html> This week the Department for Transport (DfT) has launched Maritime 2050, the first ever long-term strategy for the UK's maritime sector.

WMU-ISA partnership strengthens marine science to advance Sustainable Development Goals. *World Maritime University (WMU)*. 25 January 2019. Available from: <https://www.wmu.se/news/wmu-isa-partnership-strengthens-marine-science-advance-sustainable-development-goals> The World Maritime University (WMU) and the International Seabed Authority (ISA) have signed a five-year Memorandum of Understanding (MoU) to strengthen their mutual cooperation with a view, among other things, to advance achievement of Sustainable Development Goal (SDG) 14 on oceans.

Boosting diversity in the maritime industry. By Nusrat Ghani. *UK Government.*

28 January 2019. Available from: <https://www.gov.uk/government/speeches/boosting-diversity-in-the-maritime-industry> Closing the Maritime 2050 strategy event, Nusrat Ghani explains how government and industry can work together to ensure maritime sector careers are open to all.

BREXIT NEWS: 'Scrap the backstop NOW or you'll lose,' shipping boss warns May.

By Ciaran McGrath. *Express (UK).* 28 January 2019. Available from:

<https://www.express.co.uk/news/politics/1078322/brexit-news-ireland-irish-backstop-shiping-boss-theresa-may> Theresa May must now scrap or at least time-limit the Irish backstop in order to get her withdrawal agreement through the Commons and avert a no-deal situation, the boss of the influential UK Chamber of Shipping has said.

Maritime: Federal Government projects 10% growth in 2019. *Nigerian Maritime Administration*

and Safety Agency (NIMASA). 29 January 2019. Available from: <http://nimasa.gov.ng/press-center/post/maritime-federal-government-projects-10-growth-in-2019> The Federal Government on Tuesday projected a 10 per cent growth in the Nigerian maritime industry.

Sustainable Seas. *UK Parliament.* January 2019. Available from:

<https://publications.parliament.uk/pa/cm201719/cmselect/cmenvaud/980/98002.htm> Oceans cover around 70 per cent of the earth and support a huge variety of life.

MARINE TECHNOLOGY

Rolls Royce's autonomous ship gives us a peek into the future of sea transport.

By Jessica Baron. *Forbes.* 7 January 2019. Available from:

<https://www.forbes.com/sites/jessicabaron/2019/01/07/rolls-royces-autonomous-ship-gives-us-a-peek-into-the-future-of-sea-transport/> Rolls-Royce, the aviation propulsion system maker, is on the cutting edge of the autonomous marine vehicle market with their successful test of the first fully autonomous ferry.

Navy may deploy surface ships to Arctic this summer as shipping lanes open up.

By Megan Eckstein. *US Naval Institute News.* 8 January 2019. Available from:

<https://news.usni.org/2019/01/08/navy-may-deploy-surface-ships-arctic-summer-shipping-lanes-open> The Navy may follow up October's carrier strike group operations in the Arctic with another foray into the icy High North, with leadership considering sending a group of ships into a trans-Arctic shipping lane this summer, the Navy secretary said.

News: Global players in maritime autonomy to talk regulation in London. *Maritime UK.*

11 January 2019. Available from: <https://www.maritimeuk.org/media-centre/news/news-global-players-maritime-autonomy-talk-regulation-london-masrc19/> Technologists, manufacturers, regulators, academics, port operators, shipowners, environmentalists, lawyers, insurers, training companies, trade unions, satellite companies, and policy experts from fifteen countries are to meet in London next week at a major global conference on maritime autonomy.

AI is about to take the ship's helm away from humans. By Jeremy Bogaisky. *Forbes.*

14 January 2019. Available from: <https://www.forbes.com/sites/jeremybogaisky/2019/01/14/ai-is-about-to-take-the-ships-helm-away-from-humans> The next time you hop on a ferry, take a look at the captain's bridge.

Hybrid ships take to the high seas. By Nicholas Newman. *Engineering & Technology (E&T).*

17 January 2019. Available from: <https://eandt.theiet.org/content/articles/2019/01/hybrid-ships-take-to-the-high-seas/> Hybrid ships that voyage across the deep blue could very well be the key to unlocking environmental sustainability.

Letter to the Editor: Automated shipping will not lead to a one-size-fits-all industry.**By Richard Clayton.** *Lloyd's List*. 21 January 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1125923> Sir, I wish to refer to the article concerning the WMU report Transport 2040 — Automation, Technology and Employment — The Future of Work published in Lloyd's List on January 16, 2019 (Dockers and crane drivers could be obsolete by 2040).

The pursuit of a single digital platform for shipping would be bad for all of us. By Nick Chubb.

Splash 247.com. 22 January 2019. Available from: <https://splash247.com/the-pursuit-of-a-single-digital-platform-for-shipping-would-be-bad-for-all-of-us/> While the idea of a single 'end to end' digital platform for the shipping industry may seem utopian, the unfortunate reality is that it's highly unlikely to work, and if it does, it will be bad for the industry.

To "Scrub or not to Scrub"?: That is the question for ship owners. By Nikos Roussanoglou.

Hellenic Shipping News. 22 January 2019. Available from:

<https://www.hellenicshippingnews.com/to-scrub-or-not-to-scrub-that-is-the-question-for-ship-owners/>

As the 2020 deadline for the implementation of IMO's rules of the use of low-sulphur fuels nears, the question among the ship owning community regarding the installation or not of scrubbers seems to intensify.

High-tech surfaces could greatly reduce drag and CO2 emissions of ships. Phys.Org.

24 January 2019. Available from: <https://phys.org/news/2019-01-high-tech-surfaces-greatly-co2-emissions.html> If ship hulls were coated with special high-tech air trapping materials, up to one percent of global CO2 emissions could be avoided.

Container line Mediterranean Shipping Company secures financing for 86 scrubber installations. By Jack Jordan.

S&P Global Platts. 28 January 2019. Available from:

<https://bit.ly/2Ugaidc> The shipping company is set to borrow \$439 million from a syndicate of four different banks to install the systems, law firm Watson Farley & Williams said Friday.

Scrubber users start fightback over environmental damage. By Michael Juliano.

TradeWinds. 29 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1674866/scrubber-users-start-fightback-over-environmental-damage>

Members of the shipping industry in favour of using exhaust gas scrubbers to meet the IMO 2020 fuel regulations have rebutted scientific studies claiming the devices may harm marine life.

Scrubber advocates disappointed by latest ban. By Katrine Grønvald Raun.

ShippingWatch. 29 January 2019. Available from: <https://shippingwatch.com/secure/carriers/article11156527.ece>

The decision to ban the discharge of wash water from open-loop scrubbers in the major Middle Eastern bunker port Fujairah has attracted the attention of scrubber advocacy organizations.

MARITIME EDUCATION & TRAINING

Andreas Nordseth, Danish Maritime Authority: "We are going to need to think in a different structure than we do today". By Lili Nguyen. *Knect365 Maritime*. 8 January 2019.

Available from: <https://bit.ly/2SPiTWs> Andreas Nordseth, Director General at the Danish Maritime Authority, spoke at length about the future of seafarers at CrewConnect Global in 2018.

CMU to launch Caribbean Merchant Marine Cadet Corps. By Peta-Gay Hodges. *Jamaica Information Service*. 9 January 2019. Available from: <https://jis.gov.jm/cmu-to-launch-caribbean-merchant-marine-cadet-corps/> The Caribbean Maritime University (CMU) is to launch its paramilitary uniformed group for high-school students, called the Caribbean Merchant Marine Cadet Corps (CMMC), early in 2019.

Kenyan youth take up jobs aboard MSC owned Cruise ships. By Philip Mwakio.

Standard Digital (Kenya). 14 January 2019. Available from:

<https://www.standardmedia.co.ke/article/2001309368/kenyan-youth-take-up-jobs-aboard-msc-owned-cruise-ships> The 16 youth who landed jobs in various cruise ships have started working in several overseas destinations where the ships have docked.

'Power of partnership' - American Caribbean Maritime Foundation partners with Royal Caribbean to sponsor students' study at CMU. *The Gleaner (Jamaica)*. 15 January 2019.

Available from: <http://jamaica-gleaner.com/article/shipping/20190115/power-partnership-american-caribbean-maritime-foundation-partners-royal> A partnership between the American Caribbean Maritime Foundation (ACMF) and Royal Caribbean International (RCI) has resulted in two Bahamian nationals receiving full scholarships (covering tuition and housing) to study at the Caribbean Maritime University (CMU) in Kingston, Jamaica.

Collective push to boost PH maritime education system sought. By Aerol John Pateña.

Philippine News Agency (PNA). 16 January 2019. Available from:

www.pna.gov.ph/articles/1059141 The Maritime Industry Authority (MARINA) has partnered with the Commission on Higher Education (CHED), Philippine Merchant Marine Academy (PMMMA) and maritime higher education institutions (MHEIs) to improve the maritime education system in the country and make it at par with international standards.

New course structure offers better balance. *Australian Maritime College (AMC)*. 17 January 2019.

Available from: <http://www.amc.edu.au/about-amc/news-and-events/news-items/new-course-structure-offers-better-balance> The Australian Maritime College's ocean seafaring courses are being restructured to offer flexible study options and accommodate the needs of students and their employers.

Maritime academy launches first Cadet Officers training. *Seychelles Nation*. 24 January 2019.

Available from: <http://www.nation.sc/article.html?id=262050> Ten young Seychellois are to undergo the first training programme for cadet officers at the Seychelles Maritime Academy as from February 4.

LJM Maritime Academy graduates awarded Royal Caribbean International scholarships.

Nassau Guardian (Bahamas). 28 January 2019. Available from:

<https://thenassauguardian.com/2019/01/28/ljm-maritime-academy-graduates-awarded-royal-caribbean-international-scholarships/> Shante Pearson and Tre'von Ferguson, recent graduates of the LJM (Lowell Jason Mortimer) Maritime Academy, were the recipients of full-tuition scholarships to the Caribbean Maritime University (CMU) through a pledge by Royal Caribbean International (RCI) and the American Caribbean Maritime Foundation.

MARITIME SAFETY

Why are liquefied cargoes a persistent danger to ships? By Patrick Kingsland.

Ship-Technology.com. 2 January 2019. Available from: <https://www.ship-technology.com/features/why-is-cargo-liquefaction-dangerous/> Solid bulk cargoes – defined as granular materials loaded directly into a ship's hold – can suddenly turn from a solid state into a liquid state in a process known as liquefaction.

Safety Management: Why quality is important among shipping organizations. *Safety4Sea*. 3 January 2019. Available from: <https://safety4sea.com/cm-safety-management-why-quality-is-important-among-shipping-organizations/> There are numerous of questions arising concerning the term "quality".

Carnival Dream: displaced lifeboat recovered. By Rebecca Moore. *Passenger Ship Technology*. 4 January 2019. Available from: https://www.passengership.info/news/view,icarnival-dreami-displaced-lifeboat-recovered_56339.htm A lifeboat that broke away from Carnival Cruise Line's *Carnival Dream* has been recovered after it broke off from the ship and fell into water.

Maersk physical container inspection pilot. *American Journal of Transportation (AJOT)*. 7 January 2019. Available from: <https://www.ajot.com/news/maersk-physical-container-inspection-pilot> Maersk and other carriers in the industry are working to improve safety and reliability in the Containerized Maritime Supply Chain, by verifying that cargo descriptions match actual contents of the container, and that the contents of the container are correctly stuffed, lashed and secured.

What blockchain can tell us about MSC Zoe and shipping practices. By John Monarch. *Splash 247.com*. 8 January 2019. Available from: <https://splash247.com/what-blockchain-can-tell-us-about-msc-zoe-and-shipping-practices/> It could be months before authorities know why 281 containers washed overboard the *MSC Zoe* into the North Sea last week – that is, if are even able to collect enough evidence.

Maersk starts random box checks in latest bid to stamp out scourge of misdeclared cargoes. By Sam Chambers. *Splash 247.com*. 17 January 2019. Available from: <https://splash247.com/maersk-starts-random-box-checks-in-latest-bid-to-stamp-out-scourge-of-misdeclared-cargoes/> In a bid to stamp out misdeclared cargoes, Maersk has started carrying out random container checks in North America.

Shipping safety takes a hit in dysfunctional government era. By Eric Martin. *TradeWinds*. 23 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1682203/shipping-safety-takes-a-hit-in-dysfunctional-government-era> US administration shutdown is hindering vital coastguard work with worrying long-term implications.

Improving safety standards for workboat launch and recovery. *Maritime Executive*. 25 January 2019. Available from: <https://www.maritime-executive.com/blog/improving-safety-standards-for-workboat-launch-and-recovery> DNV GL is reviewing a new voluntary certification standard covering the davits used to launch and recover workboats and tenders, and it aligns closely with some of the design features that supplier Vestdavit has long advocated for safer and more efficient boat handling.

MARITIME SECURITY

Stowaways charged over altercation aboard the *Grande Tema*. *Maritime Executive*.

2 January 2019. Available from: <https://www.maritime-executive.com/article/stowaways-charged-over-altercation-aboard-the-grande-tema> The four Nigerian stowaways who were arrested aboard the con/ro *Grande Tema* last month have been charged with affray for allegedly threatening the vessel's crew and attempting to take control of the ship.

Indian warship escorts World Food Programme vessel. *EU NAVFOR Somalia*. 8 January 2019.

Available from: <https://eunavfor.eu/indian-warship-escorts-world-food-programme-vessel/> For the first time since counter-piracy deployments began in 2008, the Indian Navy has performed the escort of vital humanitarian aid for the UN's World Food Programme, following an escort request by EU NAVFOR.

Building maritime security in the Gulf of Guinea. By Jessica Larsen and Christine Nissen.

Danish Institute for International Studies (DIIS). 9 January 2019. Available from: <https://www.diis.dk/en/research/building-maritime-security-in-the-gulf-of-guinea> In December 2018, Denmark published a new priority paper guiding its future engagement in the Gulf of Guinea to combat piracy and other types of maritime crime. [Reconciling international priorities with local needs: Denmark as a new security actor in the Gulf of Guinea](#) 📄

Sea Shepherd ship attacked inside Vaquita Refuge. *Sea Shepherd*. 9 January 2019.

Available from: <https://seashepherd.org/2019/01/10/sea-shepherd-ship-attacked-inside-vaquita-refuge/> 📄 Sea Shepherd Vessel *M/V Farley Mowat* was conducting maritime patrols inside the Vaquita Refuge in the Upper Gulf of California, and had recovered three illegal gillnets that morning, when at 1:00 PM the crew noticed approximately 35 skiffs operating inside the refuge.

Robbers attack two tankers off Lagos, Nigeria. *World Maritime News*. 10 January 2019.

Available from: <https://worldmaritimeneews.com/archives/268156/> Both attacks occurred only hours apart shortly after midnight near Lagos.

Mol concludes training to boost seaports security. *Qatar Tribune*. 11 January 2019.

Available from: <http://www.qatar-tribune.com/news-details/id/151817> The training workshop on securing seaports organised by the Permanent Committee for the Management of Seaports in cooperation with the Police Training Institute concluded on Thursday with the participation of a number of representatives of the State's stakeholders from ministries, agencies and institutions, as well as participants from Kuwait and Oman.

Web Alert: The Guidelines on cyber security onboard ships. By Rahul Sapra. *Standard Club*.

15 January 2019. Available from: <http://www.standard-club.com/news-and-knowledge/news/2019/01/web-alert-the-guidelines-on-cyber-security-onboard-ships.aspx> BIMCO, CLIA, ICS, Intercargo, InterManager, INTERTANKO, IUMI, OCIMF and World Shipping Council have produced the 2018 (Ver 3) Guidelines on Cyber Security onboard ships which are attached for members' reference. [Cyber Security Guidelines](#) 📄

NIMASA our strongest partner in the Gulf of Guinea - Ghana Maritime boss.


By Godwin Oritse. *Vanguard (Nigeria)*. 16 January 2019. Available from: <https://www.vanguardngr.com/2019/01/nimasa-our-strongest-partner-in-the-gulf-of-guinea-ghana-maritime-boss/> The Ghana Maritime Authority, GMA, has said that Ghana will welcome Regional Coast Guard to help the fight against piracy in the region.

New strategy for cyber security in the Danish maritime sector. *Danish Maritime Authority*.

16 January 2019. Available from: <https://www.dma.dk/Presse/Nyheder/Sider/New-strategy-for-cyber-security-in-the-Danish-maritime-sector.aspx> The strategy contains a number of initiatives aimed at strengthening IT security and preventing cyber threats in the maritime sector.

Only international action will stop increase in piracy: BIMCO. By Mette Kronholm Fraende. *BIMCO*. 22 January 2019. Available from: <https://www.bimco.org/news/priority-news/20190122-international-action-stop-increase-in-piracy> According to the bureau's report, there were 201 incidents reported to the bureau last year (including six hijackings) - all of which happened in the Gulf of Guinea.

Stowaways 'threatened to kill' Grimaldi ro-ro crew. By Gary Dixon. *TradeWinds*. 22 January 2019. Available from: <https://www.tradewindsnews.com/legal/1681691/stowaways-threatened-to-kill-grimaldi-ro-ro-crew> Four stowaways have appeared in court on charges of attempting to hijack a Grimaldi ro-ro in the UK.

Cooperation to raise cybersecurity awareness across transport modes. *European Maritime Safety Agency (EMSA)*. 23 January 2019. Available from: <https://bit.ly/2BdoBe7> The first European Conference on Transport Cybersecurity was held today in EMSA's premises in Lisbon, gathering 170 representatives from across the various transport modes. [Conference Conclusions](#) 

In-Crisis Communication Course on maritime issues ends in Accra. *GhanaWeb*. 27 January 2019. Available from: <https://www.ghanaweb.com/GhanaHomePage/NewsArchive/In-Crisis-Communication-Course-on-Maritime-issues-ends-in-Accra-718568> Ms. Diana Acconcia, the European Union Ambassador to Ghana has said maritime governance is needed to improve the blue economy as well as coordination of efforts to fight maritime insecurity and its associated threat.

Ships on alert following three attacks off Nigeria in 24 hours. By Sam Chambers. *Splash 247.com*. 28 January 2019. Available from: <https://splash247.com/ships-on-alert-following-three-attacks-off-nigeria-in-24-hours/> Three attacks on ships off West Africa have been reported by maritime security specialists Ambrey in the space of just 24 hours.

New patrol boat to boost maritime security. By Adel Fruean. *Samoa Observer*. 28 January 2019. Available from: http://www.sobserver.ws/en/28_01_2019/local/40601/New-patrol-boat-to-boost-maritime-security.htm  The maritime security of Samoa will be further boosted with the arrival of a new Australian Government-funded patrol boat.

EU NAVFOR ship *Relampago* interacts with Somali fishermen. *EU NAVFOR Somalia*. 28 January 2019. Available from: <https://eunavfor.eu/eu-navfor-ship-relampago-interacts-with-somali-fishermen/> To help strengthen mutual understanding and trust between the EU Naval Force and local seafarers, as well as obtain first-hand information about possible piracy incidents in the Western Indian Ocean, EU Naval Force ships will make 'Friendly Approaches' to local vessels and speak to the crew.

The EU as a global security provider - working with India on maritime security. *European Union*. 28 January 2019. Available from: <https://bit.ly/2BchVwN> Maritime security is a priority for the EU as the world's largest trading bloc and as a global security provider.

MIGRANTS

Dutch ready to take in Sea-Watch migrants. *France 24*. 2 January 2019. Available from: <https://www.france24.com/en/20190102-dutch-ready-take-sea-watch-migrants> The Netherlands announced Wednesday it was prepared to welcome some of the 32 migrants waiting to disembark from a Dutch-flagged vessel in the Mediterranean, if other countries did the same.

Channel migrants: French police stop 14 at port. *BBC News*. 2 January 2019. Available from: <https://www.bbc.co.uk/news/uk-46731741> A local prosecutor told AFP that police were called when "those seeking to help them on their way" were seen breaking into a boat on the French coast.

Malta opens its waters to German NGO rescue boats beset by seasickness. *Deutsche Welle (Germany)*. 3 January 2019. Available from: <https://www.dw.com/en/malta-opens-its-waters-to-german-ngo-rescue-boats-beset-by-seasickness/a-46938712> 🇩🇪 German migrant rescue ship *Sea-Watch 3* sent a desperate plea on Wednesday for a harbor to dock in.

Migrant deaths in the Mediterranean decreased in 2018, UN agency says. *EurActiv*. 3 January 2019. Available from: <https://www.euractiv.com/section/justice-home-affairs/news/migrant-deaths-in-the-mediterranean-decreased-in-2018-un-agency-says> According to the UNHCR's full-year figures, the number of migrants who arrived in Europe after surviving the sea crossing also dropped by roughly the same proportion last year to 113,482 after 172,301 in 2017.

Spain rescues 549 migrants from Mediterranean Sea. *Sky News*. 6 January 2019. Available from: <https://news.sky.com/story/spain-rescues-549-migrants-from-mediterranean-sea-11600620> Its craft intercepted six small smuggling boats carrying 350 migrants on Saturday in waters east of the Strait of Gibraltar.

Commission: stalemate on migrants off Malta due to swelling numbers. By Nikolaj Nielsen. *EU Observer*. 8 January 2019. Available from: <https://euobserver.com/migration/143840> The European Commission says 49 migrants stranded on two NGO boats off the Maltese coast since last month have yet to be helped by EU states - because of another 249 people recently rescued by the island-nation's navy.

Migrant ships arrive in Malta after 'shameful' standoff. *France 24*. 9 January 2019. Available from: <https://www.france24.com/en/20190109-malta-reaches-agreement-allow-49-migrants-refugees-disembark> 🇩🇪 The migrants, including a baby and several children, were brought to Valletta port by the Maltese coastguard, ending a diplomatic deadlock among EU member states over their fate.

UNHCR welcomes Malta disembarkation of *Sea Watch* and *Sea Eye* passengers, calls for better, predictable approach. *United Nations High Commissioner for Refugees*. 9 January 2019. Available from: <https://www.unhcr.org/news/press/2019/1/5c361c824> UNHCR, the UN Refugee Agency, welcomes today's news that 49 rescued refugees and migrants on board the *Sea Watch 3* and *Albrecht Penck* NGO vessels have been safely disembarked in Malta.

30,000 Irregular Migration Deaths, Disappearances Between 2014-2018: IOM Report. *International Organization for Migration (IOM)*. 11 January 2019. Available from: <https://www.iom.int/news/30000-irregular-migration-deaths-disappearances-between-2014-2018-iom-report> At least 30,510 people died during irregular migration between 2014 and 2018, the International Organization for Migration's (IOM) Missing Migrants Project reports.

Mediterranean migrant arrivals reach 2,200 in 2019; Deaths reach 16. *International Organization for Migration (IOM)*. 15 January 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-2200-2019-deaths-reach-16> IOM reports that 2,200 migrants and refugees have entered Europe by sea through the first 13 days of 2019, a slight increase over the 1,915 arriving during the same period last year.

International Organization for Migration reports some 170 missing migrants from two major shipwrecks of vessels leaving Africa for Europe over the last 48 hours. *International Organization for Migration (IOM)*. 19 January 2019. Available from: <https://www.iom.int/news/international-organization-migration-reports-some-170-missing-migrants-two-major-shipwrecks> Over 117 vulnerable migrants are believed to have perished in the winter waters of the Mediterranean Sea on Friday marking the second tragedy in just two days and bringing the total number of migrant deaths on the Mediterranean Sea to 200 through nearly three weeks of the new year.

UNHCR appalled at news of refugee and migrant deaths on Mediterranean Sea.

United Nations High Commissioner for Refugees. 19 January 2019. Available from:

<https://www.unhcr.org/news/press/2019/1/5c41e8a04/unhcr-appalled-news-refugee-migrant-deaths-mediterranean-sea.html> UNHCR is deeply saddened at emerging reports of an estimated 170 people who either died or went missing in two separate shipwrecks on the Mediterranean Sea.

16 suspected migrants detained after separate UK landings. Sky News. 20 January 2019.

Available from: <https://news.sky.com/story/18-suspected-migrants-detained-after-separate-uk-landings-11612650> At around 7am, Border Force agents received notification of six men and an inflatable boat on a beach in Kingsdown, Kent.

Mediterranean migrant arrivals reach 4,883; Deaths reach 203. International Organization for Migration (IOM). 22 January 2019. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-4883-deaths-reach-203> The International Organization for Migration (IOM) reports that 4,883 migrants and refugees have entered Europe by sea through the first 20 days of 2019, a slight increase over the 4,466 arriving during the same period last year.

Sea-Watch 3 remains stranded 1.4 miles from port of Syracuse. By Yannick Pace.

Malta Today. 26 January 2019. Available from:

https://www.maltatoday.com.mt/news/national/92519/seawatch_3_remains_stranded_14_miles_from_port_of_syracuse#.XE8m1Gngq70 The NGO rescue vessel *Sea-Watch 3* remains stranded some 1.4 miles from the port of Syracuse as Italian authorities continue to refuse to allow disembarkation of the ship's passengers.

Mediterranean migrant arrivals reach 5,757 in 2019; Deaths reach 207.

International Organization for Migration (IOM). 29 January 2019. Available from:

<https://www.iom.int/news/mediterranean-migrant-arrivals-reach-5757-2019-deaths-reach-207> IOM reports that 5,757 migrants and refugees have entered Europe by sea through the first 27 days of 2019, a slight increase over the 5,502 arriving during the same period last year.

Six people died each day attempting to cross Mediterranean in 2018 - UNHCR report.

United Nations High Commissioner for Refugees. 30 January 2019. Available from:

<https://www.unhcr.org/news/press/2019/1/5c500c504/six-people-died-day-attempting-cross-mediterranean-2018-unhcr-report-shows.html> Refugees and migrants attempting to reach Europe via the Mediterranean Sea lost their lives at an alarming rate in 2018, as cuts in search and rescue operations reinforced its position as the world's deadliest sea crossing.
[Report: Desperate Journey](#)

Sea Watch migrants to disembark in 'coming hours': Italian PM. Deutsche Welle (Germany).

30 January 2019. Available from: <https://www.dw.com/en/sea-watch-migrants-to-disembark-in-coming-hours-italian-pm/a-47286733> Italian Prime Minister Giuseppe Conte on Wednesday announced that the migrants on board the *Sea Watch* charity rescue boat would be allowed to disembark "in the coming hours."

NAVIGATION & COMMUNICATIONS

When the ice melts: the catastrophe of vanishing glaciers. By Dahr Jamail. *The Guardian*. 8 January 2019. Available from: <https://www.theguardian.com/news/2019/jan/08/when-the-ice-melts-the-catastrophe-of-vanishing-glaciers> As global temperatures rise, shrivelling glaciers and thawing permafrost threaten yet more climate disruption.

Shifting north magnetic pole forces unprecedented navigation fix. By Alister Doyle. *Reuters*. 11 January 2019. Available from: <https://uk.reuters.com/article/us-science-north/shifting-north-magnetic-pole-forces-unprecedented-navigation-fix-idUKKCN1P51UE> Rapid shifts in the Earth's north magnetic pole are forcing researchers to make an unprecedented early update to a model that helps navigation by ships, planes and submarines in the Arctic, scientists said.

Industry outlook: A year for IoT evolution in shipping. By Martyn Wingrove. *Marine Propulsion & Auxiliary Machinery*. 15 January 2019. Available from: https://www.mpropulsion.com/news/view/industry-outlook-a-year-for-iot-evolution-in-shipping_56431.htm 2019 will prove to be a year of transformation for the internet of things (IoT) in shipping, Inmarsat Maritime president Ronald Spithout believes.

Melting sea ice sparks debate on tourism and shipping in the Arctic. By Audrey Tan. *Straits Times*. 23 January 2019. Available from: <https://www.straitstimes.com/world/europe/melting-sea-ice-sparks-debate-on-tourism-and-shipping-in-the-arctic> Many tourists are drawn to the region around the North Pole for its magnificent glaciers and dancing northern lights.

Turkey ship strait delays stalling dozens of oil tankers. *Hellenic Shipping News*. 23 January 2019. Available from: <https://www.hellenicshippingnews.com/turkey-ship-strait-delays-stalling-dozens-of-oil-tankers/> Oil tankers exporting Kazakh and Russian crude from ports in the Black Sea are contending with spiraling delays when navigating Turkey's key shipping straits, stalling the delivery of millions of bbl of supplies to refineries on the Mediterranean Sea and beyond.

Bellona's Arctic Frontiers event offers safe fuels for Arctic shipping expansion. By Charles Digges. *Bellona Foundation*. 23 January 2019. Available from: <http://bellona.org/news/arctic/russian-nuclear-icebreakers-fleet/2019-01-bellonas-arctic-frontiers-event-offers-safe-fuels-for-arctic-shipping-expansion> The Arctic's icecap is shrinking 12 percent faster than it was a decade ago, and nearly all of its older and thicker ice is already gone.

Coast Guard announces new Alaskan Arctic Vessel Study. By Andrew Hartsig. *Ocean Conservancy*. 23 January 2019. Available from: <https://oceanconservancy.org/blog/2019/01/23/coast-guard-announces-new-alaskan-arctic-vessel-study/> The Coast Guard has launched a new study of vessel traffic in the Chukchi and Beaufort seas off the northwest and north coast of Alaska.

Uncharted waters: Scientists to explore Indian Ocean depths. *Voice of America*. 24 January 2019. Available from: <https://www.voanews.com/a/uncharted-waters-scientists-to-explore-indian-ocean-depths/4757210.html> Scientists prepared Thursday to embark on an unprecedented, years-long mission to explore the Indian Ocean and document changes taking place beneath the waves that could affect billions of people in the surrounding region over the coming decades.

PIRACY

Pirates kidnap crewmembers from MSC container ship. *Maritime Executive*. 3 January 2019. Available from: <https://www.maritime-executive.com/article/pirates-kidnap-crewmembers-from-msc-container-ship> MSC has confirmed a successful pirate attack on the sub-Panamax container ship *MSC Mandy* off the coast of Cotonou, Benin.

Crew missing after MSC boxship attacked. By Matt Coyne. *TradeWinds*. 3 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1666490/crew-missing-after-msc-boxship-attacked> Several crew members are missing from an MSC boxship after it was attacked in the Gulf of Guinea.

EU, China and the U.S. needs to support counter-piracy operations in the Gulf of Guinea - BIMCO. By Jakob Paaske Larsen. *BIMCO*. 9 January 2019. Available from: <https://www.bimco.org/news/priority-news/20190108-call-for-gog-counter-piracy> Piracy in the Gulf of Guinea is an unacceptable burden to seafarers and shipping companies.

The Lloyd's List Podcast: The persistent problem of piracy. By Richard Meade. *Lloyd's List*. 11 January 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125827/The-Lloyds-List-Podcast-The-persistent-problem-of-piracy> Despite the growing concern around the Gulf of Guinea, the rising risk off the west coast of Africa runs counter to the overall risk assessment for shipping this year — hijackings globally have steadily decreased over the past three years.

Seventy-six incidents reported to ReCAAP Information Sharing Centre in 2018, marking 25% year-on-year decrease, and the lowest in a decade. *ReCAAP*. 15 January 2019. Available from: http://www.recaap.org/resources/ck/files/news/2019/News_Release_on_ReCAAP-ISC_Annual_Report_2018.pdf ReCAAP Information Sharing Centre (ISC) today released its Annual (January to December 2018) Report.

IMB piracy report 2018: attacks multiply in the Gulf of Guinea. *International Chamber of Commerce (ICC)*. 16 January 2019. Available from: <https://iccwbo.org/media-wall/news-speeches/imb-piracy-report-2018-attacks-multiply-gulf-guinea/> Worldwide, the IMB Piracy Reporting Centre (PRC) recorded 201 incidents of maritime piracy and armed robbery in 2018, up from 180 in 2017.

Viewpoint: Pirates' progress. By Michael Grey. *Lloyd's List*. 17 January 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125837/Viewpoint-Pirates-progress> The same level of international co-operation that was so effective in controlling the situation in the Gulf of Aden and Indian Ocean is now needed in the Gulf of Guinea.

Pirates of the Caribbean: How Venezuela's near collapse is causing a crisis on the seas. By Colin Freeman. *The Spectator*. 19 January 2019. Available from: <https://www.spectator.co.uk/2019/01/pirates-of-the-caribbean-how-venezuelas-near-collapse-is-causing-a-crisis-on-the-seas/> Brian Austin, a fisherman from the small village of Cedros in Trinidad, is struggling to describe the men who robbed him out at sea last year.

Maritime Administration issues piracy warnings. By Matt Coyne. *TradeWinds*. 25 January 2019. Available from: <https://www.tradewindsnews.com/casualties/1685381/maritime-administration-issues-piracy-warnings> After the recent uptick in piracy, the Maritime Administration is warning seafarers to stay vigilant in the Gulf of Guinea and in the Sulu and Celebes seas.

Venezuelan pirates - the new scourge of the Caribbean. *BBC News*. 28 January 2019. Available from: <https://www.bbc.co.uk/news/stories-47003108> As Venezuela's economy collapses, a tide of lawlessness is spreading to the nearby island of Trinidad.

PORT STATE CONTROL

Port State Control hopes early intervention may prevent detention. By Craig Jallal. *Tanker Shipping & Trade*. 8 January 2019. Available from: https://www.tankershipping.com/news/view,port-state-control-hopes-early-intervention-may-prevent-detention_56340.htm The maritime authorities of the Paris and the Tokyo Memoranda of Understanding (MoU) on Port State Control started issuing letters of warning from 1 January 2019 on the sulphur content of marine fuels during inspections to increase awareness of the 1 January 2020 compliance date and reduce detentions.

PORTS & HARBOURS

Port of Valencia to use hydrogen to power container terminals. *Ship-Technology.com*. 3 January 2019. Available from: <https://www.ship-technology.com/news/port-valencia-hydrogen-power/> Spain's Port of Valencia is set to launch the H2Ports pilot project to utilise hydrogen energy for carrying out operations at its container terminals.

Brexit: Could Channel Ports cope with no deal? By Chris Morris. *BBC News*. 4 January 2019. Available from: <https://www.bbc.co.uk/news/uk-46739895> "I am expecting the channel ports to operate normally in all Brexit circumstances," the Transport Secretary Chris Grayling told the BBC this week.

What does 2019 hold for the container port industry? Drewry Shipping Consultants. 8 January 2019. Available from: <https://www.drewry.co.uk/maritime-research-opinion-browser/what-does-2019-hold-for-the-container-port-industry> As we welcome in 2019, we share our thoughts on the key issues and trends likely to affect the container ports and terminals sector in the year ahead.

Port all aboard on Washington's 'Maritime Blue Strategy'. *Port of Seattle*. 8 January 2019. Available from: <https://www.portseattle.org/news/port-all-aboard-washingtons-maritime-blue-strategy> The Port of Seattle joined with a broad range of maritime stakeholders in support of Governor Jay Inslee's 'Maritime Blue Strategy' at the official kickoff meeting today at Pier 66.

Further confusion over Ramsgate-Ostend freight ferry's readiness for Brexit. By Will Waters. *Lloyd's Loading List*. 10 January 2019. Available from: <https://bit.ly/2HSjFRU> Seaborne Freight, the company controversially awarded a UK government contract to run freight ferries between Ramsgate and Ostend in the event of a no-deal Brexit, has insisted it will be ready by the time the UK leaves the EU, despite claims to the contrary.

Self-learning computer predicts vessel arrival. *Port of Rotterdam*. 11 January 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/self-learning-computer-predicts-vessel-arrival> Computers recognise patterns in large data volumes much faster than people.

ABP promises to 'keep Britain trading' through Brexit. *Maritime Journal*. 14 January 2019. Available from: <https://www.maritimejournal.com/news101/industry-news/abp-promises-to-keep-britain-trading-through-brexit> It claims that this programme of investment demonstrates the group's commitment to keeping Britain trading with Europe and the rest of the world after Brexit.

Shanghai retains crown of world's busiest container port. By Katherine Si. *Seatrade Maritime News*. 15 January 2019. Available from: www.seatrade-maritime.com/news/asia/shanghai-keeps-crown-of-world-s-busiest-container-port.html The port recorded 42.01m teu container throughput in the year of 2018, an increase of 4% year-on-year compared to 40.23m teu posted in the previous year, reaching a record high.

British Ports Association responds to Brexit vote. *British Ports Association*. 16 January 2019. Available from: <https://www.britishports.org.uk/news/british-ports-association-responds-to-brexit-vote> "The ports industry notes developments in Parliament this evening and some in our sector will have real concern about the increasing possibility of a 'no deal' Brexit outcome."

"Ports, North and Med still far away" / INTERVIEW. By **Alberto Ghiara**. *MediTelegraph (Italy)*. 16 January 2019. Available from: <https://bit.ly/2HOFbXk> BIMCO, has published an overview of the year that awaits global shipping, in the dry and liquid cargo and container sectors.

Hamburg also prepared for 'Hard Brexit'. *Port of Hamburg*. 17 January 2019. Available from: <https://www.hafen-hamburg.de/en/news/hamburg-also-prepared-for-hard-brexit---36136> The Free and Hanseatic City of Hamburg is prepared for a United Kingdom exit from the European Union – even should Brexit occur without any treaty with the EU.

Brexit tests entente cordiale between French ports and UK. By **Lara Marlowe**. *Irish Times*. 18 January 2019. Available from: <https://www.irishtimes.com/news/world/europe/brexit-tests-entente-cordiale-between-french-ports-and-uk-1.3761645> British plans for new ferry routes 'insolent' and disrespectful, says Calais port chief.

Incentive scheme Climate-Friendly Shipping launched today. *Port of Rotterdam*. 21 January 2019. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/incentive-scheme-climate-friendly-shipping-launched-today> The Port Authority invites shippers, shipping companies, fuel manufacturers and suppliers, engine manufacturers and service providers to take advantage of the new scheme.

New initiatives to strengthen Singapore as a global maritime hub. *Maritime and Port Authority of Singapore (MPA)*. 22 January 2019. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/1c140fa7-f08b-430a-a1bf-e72b85ab450f> The two initiatives, the Singapore War Risks Insurance Conditions (SWRIC) and the development of an inter-operability framework for electronic trade documents for the maritime and trade industries, will strengthen Singapore's standing as a leading global maritime hub.

Kisumu Port set for a facelift. *Kenya Port Authority (KPA)*. 22 January 2019. Available from: <https://www.kpa.co.ke/Pages/Kisumu-Port-set-for-a-facelift.aspx> Plans are underway for the construction of a new Port in Kisumu to allow bigger vessels to dock at the once vibrant facility in the East African region.

Another big bunker port bans open-loop scrubbers. By **Trine Vestergaard**. *ShippingWatch*. 23 January 2019. Available from: <https://shippingwatch.com/secure/Ports/article11142924.ece> Port of Fujairah in the United Arab Emirates will ban the use of open-loop scrubbers.

Brexit: 80% of UK ports unprepared, survey finds. By **David Osler**. *Lloyd's List*. 23 January 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125953/Brexit-80-of-UK-ports-unprepared-survey-finds> Eight out of 10 ports and harbours in the UK have undertaken little or no planning for Brexit, according to a survey conducted by executive search firm Odgers Berndtson.

NO DEAL BREXIT: UK ports investing 'very heavily' in no-deal Brexit preparations. By **Katie Weston**. *Express (UK)*. 24 January 2019. Available from: <https://www.express.co.uk/news/uk/1077141/brexit-news-latest-no-deal-amendment-vote-today-wto-article-24-2019-theresa-may-uk-eu> British ports have lined up investments 'very heavily' in the case of a no-deal Brexit, claims Maritime UK Chair Harry Theochari.

Explosive growth in Russia's Arctic seaports. By **Atle Staalesen**. *Independent Barents Observer (Norway)*. 25 January 2019. Available from: <https://thebarentsobserver.com/en/industry-and-energy/2019/01/explosive-growth-russias-arctic-seaports> Goods volumes across the Russian Arctic were up almost 25 percent in 2018, information from the Russian Transport Ministry shows.

U.S. ports want \$4 billion to enhance security. *Maritime Executive*. 28 January 2019.

Available from: <https://maritime-executive.com/article/u-s-ports-want-4-billion-to-enhance-port-security> In the latest report in its "The State of Freight" infrastructure series, U.S. member ports of the American Association of Port Authorities (AAPA) identified nearly \$4 billion in crucial port and supply chain security needs over the next 10 years.

State of Freight IV: Securing America's Ports and Enhancing the Supply Chain. *American Association of Port Authorities (AAPA)*. December 2018. Available from: http://aapa.files.cms-plus.com/PDFs/StateofFreightIV_online.pdf America's ports are a critical piece of our nation's goods movement network, ensuring that U.S. exports reach the global marketplace and that U.S. manufacturers and consumers have reliable, cost-efficient access to the products they rely on.

REGULATIONS

Shipping leaders start countdown to IMO 2020. *TradeWinds*. 3 January 2019. Available from: <https://www.tradewindsnews.com/weekly/1657347/shipping-leaders-start-countdown-to-imo-2020>

In our annual survey of the shipping industry, TradeWinds asked a selection of top industry figures about their expectations for the year ahead.

Trump viewed as biggest threat to the timely introduction of the sulphur cap. *By Sam Chambers.* *Splash 247.com*. 7 January 2019. Available from: <https://splash247.com/trump-viewed-as-biggest-threat-to-the-timely-introduction-of-the-sulphur-cap/> President Donald Trump and his administration in Washington are now considered to be the biggest threat to the start of the global sulphur cap due in 51 weeks' time, according to the latest weekly report from Alphatanker, part of AXS Marine.

China bans use of open-loop scrubber systems. *The Motorship*. 7 January 2019. Available from: <https://www.motorship.com/news101/regulation-and-classification/china-bans-use-of-open-loop-scrubber-systems> Tighter environmental discharge published in 30 November 2018 ordinance prohibit vessels from discharging wastewater from open-loop scrubbers in the country's coastal and river ECAs.

Polar Code, two years on: What's next? *Safety4Sea*. 8 January 2019. Available from: <https://safety4sea.com/cm-polar-code-two-years-on-whats-next/> Namely, Polar Code is the international regime adopted by IMO in 2014 which sets out regulations for shipping in the Polar Regions.

More efficient testing of ships ballast water is a sea change. *Handy Shipping Guide*. 8 January 2019. Available from: http://www.handyshippingguide.com/shipping-news/more-efficient-testing-of-ships-ballast-water-is-a-sea-change_9648 Whilst the 73rd session of the IMO's Marine Environment Protection Committee in October last year covered a variety of topics from greenhouse gases to plastic pollution of the oceans, there was one matter which slipped past almost unnoticed, yet makes a literal sea change to the regulation covering the disposal of ballast water from ships.

Sulfur declaration now required on BDNs. *Ship & Bunker*. 9 January 2019. Available from: <https://shipandbunker.com/news/world/460947-new-sulfur-declaration-now-required-on-bdns> Mandatory amendments to bunker delivery notes (BDNs) entered into force on January 1, 2019, requiring suppliers to make a clear declaration about the sulfur content of supplied fuel.

How environmental rules will actually make shipping fuel dirtier. *By Jack Wittels and Alex Longley.* *Bloomberg*. 9 January 2019. Available from: <https://www.bloomberg.com/news/articles/2019-01-09/how-environmental-rules-will-actually-make-shipping-fuel-dirtier> In fewer than 12 months' time, thousands of merchant ships are going to start burning fuel containing higher concentrations of sulfur.

Charting the 2019 maritime regulatory landscape. *Gard*. 10 January 2019. Available from: <http://www.gard.no/web/updates/content/26910125/charting-the-2019-maritime-regulatory-landscape>
The marine industry saw a plethora of regulations come into force during 2018 and there is no slowing down in 2019 as regulations related to crew, life and fire safety, environment, cargo, and certification will be implemented in the course of this year.

Hedge your bets against IMO 2020 'once-in-a-generation disruption'. By Holly Birkett. *TradeWinds*. 16 January 2019. Available from: <https://www.tradewindsnews.com/finance/1674561/hedge-your-bets-against-imo-2020-once-in-a-generation-disruption> A chance meeting between three shipping and energy executives led to the formation of a venture that aims to help smooth shipping's transition to low-sulphur fuel.

Fears of an LNG bunkering demand spike pre-2020 could be misplaced. By Inderpreet Walia. *Lloyd's List*. 17 January 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125884/Fears-of-an-LNG-bunkering-demand-spike-pre2020-could-be-misplaced> The adoption of liquefied natural gas as a more environmentally sustainable alternative to fuel oil in powering vessels is likely to increase at a steady pace rather than spike suddenly before the International Maritime Organization's 2020 sulphur cap regulations kick in, according to new research by the Oxford Institute for Energy Studies.

The Regulations for 2020 - The next decade of Shipping Regulations. By Technoveritas. *Hellenic Shipping News*. 17 January 2019. Available from: <https://www.hellenicshippingnews.com/the-regulations-for-2020-the-next-decade-of-shipping-regulations/> As we quickly approach the turning point of a new decade, there is much speculation on what would be decided in terms of regulations imposed on the shipping activity.

FEATURE: Are authorities ready to enforce IMO2020? *Ship & Bunker*. 22 January 2019. Available from: <https://shipandbunker.com/news/world/913755-feature-are-authorities-ready-to-enforce-imo2020> While it's great that more people than ever get to have their say, it also means there is a lot of misinformation and misunderstanding about the new 0.50% global sulfur cap.

Greek shipowners urge IMO to ensure 2020 compliant fuels are fit for purpose. By David Glass. *Seatrade Maritime News*. 23 January 2019. Available from: <https://bit.ly/2B9RhVA> Greek Shipping Cooperation Committee (GSCC) chairman Haralambos Fafalios has declared the need for an adequate supply of good quality fuel was more fundamental than other issues such as whether to fit exhaust scrubbers.

CSA 2020: Base port discharge rules on scientific fact. *Maritime Executive*. 23 January 2019. Available from: <https://www.maritime-executive.com/article/csa-2020-base-port-discharge-rules-on-scientific-fact> The Clean Shipping Alliance (CSA) 2020 has called upon the global maritime industry not to single out scrubber wash waters when coastal states and port authorities adopt local regulations to lessen the impact of ship operations on their ports and harbors.

Passing on 2020 fuel costs is 'very easy', says Euronav chief. By Anastassios Adamopoulos. *Lloyd's List*. 24 January 2019. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125984/Passing-on-2020-fuel-costs-is-very-easy-says-Euronav-chief> It is "very, very easy" for shipowners to pass on increased fuel costs incurred from the 2020 sulphur cap to its customers, says Euronav chief executive Paddy Rodgers.

Interview: Compliance to IMO 2020 rule likely 80% initially - Parker Kittiwake execs. By Surabhi Sahu. *S&P Global Platts*. 30 January 2019. Available from: <https://www.spglobal.com/platts/en/market-insights/latest-news/shipping/013019-interview-compliance-to-imo-2020-rule-likely-80-initially-parker-kittiwake-exec> Compliance with the International Maritime Organization's global sulfur limit for marine fuels will likely settle around 80% towards 2020 as most shipowners switch to 0.5% sulfur bunker fuels to meet the rule, senior executives at Parker Kittiwake told S&P Global Platts Friday.

SALVAGE

Photos: Salvors remove bunkers from high Arctic wreck. *Maritime Executive*. 8 January 2019. Available from: <https://www.maritime-executive.com/article/photos-salvors-prepare-to-remove-bunkers-from-high-arctic-wreck> Salvors aboard the Norwegian Coast Guard vessel *KV Svalbard* are preparing to remove diesel fuel from the trawler *Northguider*, which is aground off Spitsbergen in Norway's high Arctic.

Salvage tug to take burned car carrier in tow. *Maritime Executive*. 9 January 2019. Available from: <https://www.maritime-executive.com/article/tug-arrives-to-take-burning-car-carrier-in-tow> A salvage tug is conducting a search and recovery mission for five missing crewmembers of the ro/ro *Sincerity Ace*, which caught fire and burned in the North Pacific on New Year's Eve.

PCG waits for salvaging plans to remove *M/V Forever Lucky* from Palawan grounding site. **By Raymund Antonio.** *Manila Bulletin*. 12 January 2019. Available from: <https://news.mb.com.ph/2019/01/12/pcg-waits-for-salvaging-plans-to-remove-mv-forever-lucky-from-palawan-grounding-site/> The Philippine Coast Guard (PCG) said on Saturday it's still waiting for the plan to extricate a ship stuck in Cagayancillo, Palawan before the salvage operation starts.

SEAFARERS

Location of Russian sailors captured in Gulf of Guinea is unknown - embassy. *TASS Russian News Agency*. 6 January 2019. Available from: <http://tass.com/emergencies/1039050> The location of Russians captured by pirates in Benin's territorial waters in the Gulf of Guinea is still unknown, the Russian Embassy in Benin wrote on its Facebook page on Sunday, quoting representatives for the vessel's owner.

Abandoned, but not forgotten. By Canon Andrew Wright. *Splash 247.com*. 7 January 2019. Available from: <https://splash247.com/abandoned-but-not-forgotten/> The Revd Canon Andrew Wright, secretary general of The Mission to Seafarers writes exclusively for Splash today, outlining his seafarer safety forecast for the year ahead.

HRAS condemns seafarers abandonment in UAE. By Elizabeth Mavropoulou. *Safety4Sea*. 7 January 2019. Available from: <https://safety4sea.com/hras-condemns-seafarers-abandonment-in-uae/> Elizabeth Mavropoulou, Charity Administrator & Programme Manager at HRAS, provides a short comment on the HRAS Case Study on the Seafarers Abandonment in the UAE.

Care for hospitalised seafarers still a challenge. *Apostleship of the Sea (AoS)*. 8 January 2019. Available from: <https://www.apostleshipofthesea.org.uk/care-hospitalised-seafarers-still-challenge> At the beginning of 2019, global seafarers' charity, Stella Maris (Apostleship of the Sea) says that supporting seafarers in hospital remains a vital part of its work during one of the most stressful times a seafarer can face.

Port agents targeted in latest UAE crew abandonment measures. By Sam Chambers. *Splash 247.com*. 10 January 2019. Available from: <https://splash247.com/port-agents-targeted-in-latest-uae-crew-abandonment-measures/> The United Arab Emirates (UAE) is shedding its reputation as a hotspot for crew abandonment with a series of measures introduced over the past 12 months aimed at completely stamping out the scourge.

Shipping companies need to support seafarers presenting with mental health issues. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 11 January 2019. Available from: <https://www.seafarerswelfare.org/news/2019/shipping-companies-need-to-support-seafarers-presenting-with-mental-health-issues> With the increasing awareness of the importance of the mental wellbeing of seafarers, more needs to be done to change the culture in shipping so there is more openness and less stigma about mental health.

Eight Indian sailors cry to be rescued from cast aside ship at Sharjah anchorage.

By Ch Sushil Rao. *Times of India*. 12 January 2019. Available from:

<https://timesofindia.indiatimes.com/india/eight-indian-sailors-cry-to-be-rescued-from-cast-aside-ship-at-sharjah-anchorage/articleshow/67505520.cms>

Eight sailors from India have literally been shackled to the sea for two years at the Sharjah anchorage and have urged the government to get them out of a ship which has practically been abandoned.

Petition started for forty abandoned seafarers. *Maritime Executive*. 14 January 2019.

Available from: <https://www.maritime-executive.com/article/petition-started-for-forty-abandoned-seafarers>

The human rights charity Justice Upheld has launched a petition calling for action to help 40 seafarers abandoned in UAE waters.

Transport in 2040: how automation and technology will impact the future of work. *World Maritime University (WMU)*. 15 January 2019.

Available from: <https://www.wmu.se/news/transport-2040-how-automation-and-technology-will-impact-future-work>

On 15 January the International Transport Workers' Federation (ITF) and the World Maritime University (WMU) launched a flagship report. [Transport 2040: Automation, Technology Employment - The Future of Work](#)

Filipino crew from burning container ship taken to Halifax. *Global News (Canada)*.

15 January 2019. Available from: <https://globalnews.ca/news/4851379/>

A statement from the Embassy of the Philippines in Ottawa says 17 Filipino crew members have been evacuated from a Halifax-bound container ship that has been burning off Canada's East Coast since Jan. 3.

Life at Sea Report. *Apostleship of the Sea (AoS)*. 15 January 2019. Available from:

<https://www.apostleshipofthesea.org.uk/life-sea-report> Every year, more than 1,000 of our chaplains and volunteers in 316 ports around the world visit over 70,000 ships. [Life at Sea report 2018](#)

Landmark shipping automation study suggests seafarer numbers will double by 2040.

By Sam Chambers. *Splash 247.com*. 16 January 2019. Available from:

<https://splash247.com/landmark-shipping-automation-study-suggests-seafarer-numbers-will-double-by-2040/>

For all the fear crew have about their jobs being lost to automation, a new 170-page report from the International Transport Workers' Federation (ITF) and the World Maritime University (WMU) suggests that the global seafarer workforce will actually double in size by 2040.

Short documentary joins crew on shore leave at Felixstowe Seafarers' Centre.

International Seafarers' Welfare and Assistance Network (ISWAN). 17 January 2019.

Available from: <https://www.seafarerswelfare.org/news/2019/short-documentary-joins-crew-on-shore-leave-at-felixstowe-seafarers-centre>

In her short documentary 'Seafarers', Eleanor Mortimer observes how the crew of a cargo ship spend their shore leave at Felixstowe Seafarers' Centre – a small space with a pool table, piano and souvenir shop which forms the only impression the seafarers will have of the United Kingdom.

Russian sailors captured by pirates in Gulf of Guinea alive - labor union. *TASS Russian News Agency*. 17 January 2019.

Available from: <http://tass.com/emergencies/1040390> Russian sailors captured by pirates in the Gulf of Guinea on January 2 are alive and held in acceptable conditions, chairman of the Russian Union of Sailors Yury Sukhorukov told TASS on Wednesday.

UK Shipping Minister supports equal rights for seafarers. *Safety4Sea*. 18 January 2019.

Available from: <https://safety4sea.com/uk-shipping-minister-supports-equal-rights-for-seafarers/>

Speaking at the launch of the Apostleship of the Sea's Life at Sea report, the minister mentioned that it is crucial to establish a working environment in which seafarers feel valued and able to give their best.

Interview: Mark Dickinson, General Secretary of Nautilus International, talks seafarers' pay, working conditions, criminalization and more. *gCaptain*. 18 January 2019. Available from: <https://gcaptain.com/interview-with-mark-dickinson-general-secretary-of-nautilus-international/> Interview by Paul González-Morgan (Marine Strategy) – Mark Dickinson, is General Secretary of the trade union Nautilus International, with members in waterborne transport sectors all over the world – from deepsea oil tankers to river cruises.

ITF opposes BHP's decision to end 100 years of Australian shipping. *International Transport Workers' Federation (ITF)*. 21 January 2019. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2019/january/bhp-release/> The decision will see 80 Australian seafarers lose their jobs, ending more than 100 years of Australian-crewed iron ore shipping servicing BHP and BlueScope steelworks, to be replaced by foreign crew on Flag of Convenience (FoC) vessels.


One year of the Seafarers Happiness Index - What have we learned? By Mission to Seafarers. *Hellenic Shipping News*. 25 January 2019. Available from: <https://www.hellenicshippingnews.com/one-year-of-the-seafarers-happiness-index-what-have-we-learned/> The Mission to Seafarers has launched a new website for its ongoing Seafarers Happiness Index, a seafarer welfare survey designed to monitor and benchmark seafarer satisfaction levels across the industry.

India: Seafarer Jobs Growth whopping 42.3%. By Shailaja A. Lakshmi. *Maritime Logistics Professional*. 26 January 2019. Available from: <https://www.maritimeprofessional.com/news/india-seafarer-jobs-growth-whopping-342113> The last four years saw an unprecedented growth of 42.3 per cent shipboard jobs for Indian seafarers.

Women at Sea - a perspective from Malaysia. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 28 January 2019. Available from: <https://www.seafarerswelfare.org/news/2019/women-at-sea-a-perspective-from-malaysia> Capt. Abdul Aziz bin Abdullah, Secretary General of IKMAL, reported that in 2007, 11 female cadets were recruited into the Akademi Laut Malaysia (ALAM - the Malaysian Maritime Academy).

Indian Seafarers abandoned offshore Namibia threaten suicide over unpaid wages. *Human Rights at Sea (HRAS)*. 29 January 2019. Available from: <https://www.humanrightsatsea.org/2019/01/29/indian-seafarers-abandoned-offshore-namibia-threaten-suicide-over-unpaid-wages/> Human Rights at Sea publishes its latest detailed case study with personal statements from a group of abandoned seafarers in Walvis Bay, Namibia. [HRAS Case Study in Their Own Words](#) 

SEARCH & RESCUE

Pope appeals for migrants stranded aboard rescue ships. By Devin Watkins. *Vatican News*. 6 January 2019. Available from: <https://www.vaticannews.va/en/pope/news/2019-01/pope-francis-appeal-migrants-mediterranean.html>  Two humanitarian ships picked up the migrants as they attempted to cross the Mediterranean to Europe.

Who rescues migrants in the Channel? BBC News. 6 January 2019. Available from: <https://www.bbc.co.uk/news/uk-46758600> The number of migrants crossing the English Channel by boat is small - it pales in comparison to those making the perilous journey across the Mediterranean - but there has been a small spike in crossings in recent months.

EU seeks temporary deal over refugees and migrants rescued at sea. By Jennifer Rankin.

The Guardian. 15 January 2019. Available from:

<https://www.theguardian.com/world/2019/jan/15/eu-seeks-temporary-deal-over-migrants-rescued-at-sea> The European Union is attempting to agree on a temporary deal on the handling of migrants and refugees rescued at sea, after a push for wide-ranging reforms before the European elections failed to win support.

MV Green Lake rescues 7 in deadly car carrier fire. Seafarers International Union (SIU).

16 January 2019. Available from: <https://www.seafarers.org/greenlakerescue/> The crew of the *MV Green Lake*, including SIU members sailing aboard the Central Gulf Lines-operated vessel, sprang into action on New Year's Eve, using their rescue training to save lives in the Pacific Ocean.

Spain's government blocks rescue ship's mission in the Mediterranean, marking policy U-turn. By Javi Julio.

Euronews. 21 January 2019. Available from:

<https://www.euronews.com/2019/01/21/spain-s-government-blocks-rescue-ship-s-mission-in-the-mediterranean-marking-policy-u-turn> With Friday's blockade of the *Aita Mari* rescue ship in Port of Pasajes in northern Spain, the Government of Pedro Sánchez marked a shift in its migration policies.

Refugees in the Mediterranean Sea: EU urgently needs to find a solution now.

Port of Hamburg. 23 January 2019. Available from: [https://www.hafen-](https://www.hafen-hamburg.de/en/news/refugees-in-the-mediterranean-sea-eu-urgently-needs-to-find-a-solution-now---36150)

[hamburg.de/en/news/refugees-in-the-mediterranean-sea-eu-urgently-needs-to-find-a-solution-now---36150](https://www.hafen-hamburg.de/en/news/refugees-in-the-mediterranean-sea-eu-urgently-needs-to-find-a-solution-now---36150) In view of Germany's announcement that it would no longer take part with naval vessels in the Mediterranean Sea mission "Sophia" organised by the European Union (EU) until further notice, the German Shipowners' Association (VDR) calls upon the EU to find a solution to the protracted dispute on how to cope with boat refugees.

Despite storms, Salvini warns NGO rescue ship not to approach. EurActiv.

25 January 2019. Available from: [https://www.euractiv.com/section/justice-home-affairs/news/despite-storms-salvini-](https://www.euractiv.com/section/justice-home-affairs/news/despite-storms-salvini-warns-ngo-rescue-ship-not-to-approach/)

[warns-ngo-rescue-ship-not-to-approach/](https://www.euractiv.com/section/justice-home-affairs/news/despite-storms-salvini-warns-ngo-rescue-ship-not-to-approach/) Italy's far-right Interior Minister Matteo Salvini on Thursday (24 January) insisted that the country's ports were closed to migrants, as a ship carrying 47 people rescued at sea headed for Sicily in deteriorating weather.

Dutch refuse Italian request to accept 47 migrants on rescue ship: government.

By Anthony Deutsch and Bart Maijer. *Reuters*. 28 January 2019. Available from:

<https://www.reuters.com/article/us-europe-migrants-italy-netherlands/dutch-refuse-italian-request-to-accept-47-migrants-on-rescue-ship-government-idUSKCN1PM16P> The Netherlands refused on Monday an Italian request to take in 47 migrants on a humanitarian ship that is being blocked from Italian ports, saying there was a need to distinguish between genuine refugees and economic migrants.

Sea Watch sues Italy in European rights court. Deutsche Welle (Germany).

29 January 2019. Available from: <https://www.dw.com/en/sea-watch-sues-italy-in-european-rights-court/a-47271834>

Sea Watch, a German non-governmental organization, lodged an urgent complaint against Italy with the European Court for Human Rights (ECHR) on Monday after a ship it runs, the *Sea Watch 3*, was barred from docking several EU countries.

Sea-Watch 3: Foreign Office monitoring stranded migrant rescue ship. BBC News.

29 January 2019. Available from: <https://www.bbc.co.uk/news/uk-england-derbyshire-47044804>

The *Sea-Watch 3* crew rescued 47 migrants from a sinking boat in storms in the Mediterranean on 19 January.

SHIP RECYCLING

Shipbreaker: 76 Indian scrapping facilities now comply with convention. By Katrine Grønvald Raun. *ShippingWatch*. 2 January 2019. Available from: <https://shippingwatch.com/secure/carriers/article11100586.ece> More Indian shipbreaking facilities now comply with the requirements set out in the Hong Kong convention, which now counts 76 Indian shipbreakers, writes the world's largest shipbreaker GMS in its latest newsletter.

Chittagong shipbreaker fined for scrapping grounded ship. *Maritime Executive*. 7 January 2019. Available from: <https://www.maritime-executive.com/article/chittagong-shipbreaker-fined-for-scrapping-beached-ship> A Bangladeshi shipbreaking company has been fined \$240,000 for dismantling a grounded vessel at an unapproved location in Chittagong.

Calls grow for Beijing to scrap ship recycling ban. By Jason Jiang. *Splash 247.com*. 10 January 2019. Available from: <https://splash247.com/calls-grow-for-beijing-to-scrap-ship-recycling-ban/> Calls are growing for Beijing to scrap its ban on importing ships for recycling.

What plagues our ship-breaking industry? By Sakhawat Sajjat Sejan. *Dhaka Tribune (Bangladesh)*. 14 January 2019. Available from: <https://www.dhakatribune.com/opinion/op-ed/2019/01/14/what-plagues-our-ship-breaking-industry> The ship dismantling process in Bangladesh started in 1974 but was not recognized as an industry until 2006.

How to recycle passenger ferries safely and legally. By Rebecca Gibson. *Cruise and Ferry*. 17 January 2019. Available from: <http://www.cruiseandferry.net/articles/how-to-recycle-passenger-ferries-safely-and-legally> Ferries tend to have a bespoke design and a solid construction built to serve their owner for many years.

Press Release - Another Dutch ship owner faces huge fine for having beached a vessel. *NGO Shipbreaking Platform*. 20 January 2019. Available from: <https://www.shipbreakingplatform.org/press-release-dutch-ship-owner-holland-maas-fined/> Dutch ship owner Holland Maas Scheepvaart Beheer II BV has been fined 780.000 EUR and paid a settlement of 2.2 million EUR - totaling to a price tag of almost 3 million EUR - for having beached a ship for scrapping in India.

SHIPBUILDING & SHIPREPAIR

More carriers show interest in installing giant sails this year. By Katrine Grønvald Raun. *ShippingWatch*. 14 January 2019. Available from: <https://shippingwatch.com/secure/suppliers/article11120467.ece> It has been a busy year for Finnish tech entrepreneur Norsepower, which has chosen to focus on the oldest propelling force in the shipping industry, namely the wind.

Maersk Honam will be resurrected in second half of 2019. By Katrine Grønvald Raun. *ShippingWatch*. 15 January 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11126039.ece> *Maersk Honam* will be towed to South Korea next month to be rebuilt after the fatal fire on board the ship in the spring of last year which cost several crew members their lives.

EU to create new strategy for European shipyards. By Mette Mandrup. *ShippingWatch*. 23 January 2019. Available from: <https://shippingwatch.com/secure/Services/article11144094.ece> The European Commission and European shipyards have agreed to set out a new strategy for shipyards, which will create a better competitive position on the global market.

South Korean shipbuilders taking a turn for the better. By Jung Min-hee.

Business Korea (South Korea). 24 January 2019. Available from:

<http://www.businesskorea.co.kr/news/articleView.html?idxno=28615> New shipbuilding contracts worth a total of 28.46 million CGT are expected to be signed worldwide this year.

SHIPPING

These are the key items on the shipowners' agenda in 2019. By Louise Vogdrup-Schmidt.

ShippingWatch. 2 January 2019. Available from:

<https://shippingwatch.com/secure/carriers/article11099624.ece> Which negotiations and preparations will be the most important for shipowners in 2019.

Shippers brace as new sulphur cap surcharges kick in. By Sam Chambers. *Splash 247.com*.

3 January 2019. Available from: <https://splash247.com/shippers-brace-as-new-sulphur-cap-surcharges-kick-in/> This week sees the world's top containerlines start new bunker surcharges with the 2020 global sulphur cap in mind.

Shipping ponders the ultimate cost of 'Green'. By Barry Parker. *Maritime Logistics Professional*.

3 January 2019. Available from: <https://www.maritimeprofessional.com/news/shipping-ponders-ultimate-cost-green-341239> By any measure, the business of running vessels will not be the same after January 1, 2020, when the present 3.5% limit on sulfur content will ratchet downward to 0.5%.

Methanol being tested as marine fuel in Asia. By Christian Carlsen. *ShippingWatch*.

7 January 2019. Available from: <https://shippingwatch.com/secure/carriers/article11109232.ece>

Several shipping companies, including Stena, already use methanol as a fuel on board vessels, and now the environmentally sound fuel is also being tested in Asia.

Green sheen dulls ship safety warns ICS. By Helen Kelly. *Lloyd's List*. 7 January 2019.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125759> Shipping safety has suffered as a result of the industry's focus on regulations such as sulphur 2020, the Ballast Water Management Convention and Decarbonisation 2050.

Ships to impose bunker charges to cover sulphur-cap costs. *Manila Times*. 8 January 2019.

Available from: <https://www.manilatimes.net/ships-to-impose-bunker-charges-to-cover-sulphur-cap-costs/493084/> Shipping companies are planning to impose bunker charges to cover the additional costs in complying with the International Maritime Organization's (IMO) updated global sulphur-cap limit of 0.5 percent.

The path to zero emissions in marine. By Katharine Palmer. *Lloyd's Register*. 8 January 2019.

Available from: <https://www.lr.org/en/insights/sustainability/the-path-to-zero-emissions-in-marine/>

As the world's attitude towards fossil fuels is changing, shipping is working to find a non-fossil, zero-emission and sustainable energy source but it's a complex task to undertake.

What will 2030 look like for the marine industry? By Effat Mostafa. *Marasi News (UAE)*.

8 January 2019. Available from: www.marasinews.com/classification/what-will-2030-look-marine-industry The future poses many challenges but also opens many new opportunities.

Half of shippers do not choose the cheapest option. By Simon Valeur. *ShippingWatch*.

8 January 2019. Available from:

<https://shippingwatch.com/secure/carriers/Container/article11111439.ece> It is a myth that online portals with transparent freight rates lead to prices becoming the only competitive aspect.

Annabel Young: Get ready for fuel price rises in 2019. By Annabel Young.

New Zealand Herald. 9 January 2019. Available from:

https://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=12187300 Prices at the petrol pump were a regular item in the 2018 news but spare a thought for businesses that buy fuel by the tonne (1000 litres).

The Shipping Industry urges Transport Committee MEPs to enhance Maritime Commerce, Working Conditions and Sustainable Transport through adoption of the Clune Report.

European Community Shipowners' Associations (ECSA). 9 January 2019. Available from:

<https://www.ecsa.eu/news/shipping-industry-urges-transport-committee-meps-enhance-maritime-commerce-working-conditions> On Thursday the European Parliament Transport Committee will vote on Deirdre Clune's report on the draft regulation for a European Maritime Single Window Environment.

Stupidity and the HFO blame game. By Eric Holohan. *Hellenic Shipping News*. 10 January 2019.

Available from: <https://www.hellenicshippingnews.com/stupidity-and-the-hfo-blame-game/>

The diesel was truly a miracle of engineering, dependable, powerful, and clean.

The Interview: Despina Theodosiou. By Anastassios Adamopoulos. *Lloyd's List*.

11 January 2019. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1125805/The-Interview-Despina-Theodosiou>

Few people in the shipping industry can claim they have a busier schedule than Despina Theodosiou.

Used to building big, liner operators must be prepared think small. By Daniel Richards.

Splash 247.com. 14 January 2019. Available from: <https://splash247.com/used-to-building-big-liner-operators-must-be-prepared-think-small/>

The larger European, Chinese and Japanese liner companies showed remarkable restraint in staying away from the shipyards in 2018, at least as far as ordering of big ships goes.

Battle for the supply chain to aide container supply-demand balance. By Simon Heaney.

Drewry Shipping Consultants. 14 January 2019. Available from:

<https://www.drewry.co.uk/news/battle-for-the-supply-chain-to-aide-container-supply-demand-balance>

Weaker global macro-economic drivers contributed to a downgrade to Drewry's port throughput forecast for 2019 to approximately 4%, but that softening trend should be mitigated by changes made on the supply side to better balance the market.

New 2020 low sulphur fuel tests show positive results. By Julian Bray. *TradeWinds*.

15 January 2019. Available from: <https://www.tradewindsnews.com/tankers/1676081/new-2020-low-sulphur-fuel-tests-show-positive-results>

Quality tests on new low sulphur fuels intended to be compliant with the IMO's new 2020 rules have shown consistent standards, Lloyd's Register said today.

2020 regulations could break the weak players in the bunker market. By Tomas Kristiansen and Katrine Grønvald Raun. *ShippingWatch*. 15 January 2019. Available from:

<https://shippingwatch.com/secure/Services/article11125840.ece>

The global sulfur regulations, set to come into force approximately 350 days from now, could have severe consequences in the bunker sector, where it is far from certain that all players will still be in the market a year or two down the line.

Shipping industry not prepared for IMO2020: Total. *Ship & Bunker*. 15 January 2019.

Available from: <https://shipandbunker.com/news/world/141267>

The global shipping industry is not prepared for the upcoming IMO 2020 rule despite the fact that the start date of the new global sulfur cap for marine fuel is now less than a year away.

"Stop wringing your hands about the image of the industry and act". *fathom.world.*

15 January 2019. Available from: <https://fathom.world/stop-wringing-your-hands-about-the-image-of-the-industry-and-act/> "Industry members understand the value proposition of the maritime sector, but communicating that to the public has always been a challenge," stated Peter Hinchliffe, former International Chamber of Shipping Secretary General.

Beware of local restrictions before discharging washwater from exhaust gas scrubbing. *Gard.*

15 January 2019. Available from: <http://www.gard.no/web/updates/content/26939066/beware-of-local-restrictions-before-discharging-washwater-from-exhaust-gas-scrubbing> The IMO considers exhaust gas scrubbers to be an acceptable means of reducing vessels' sulphur emissions and ensuring compliance with MARPOL Annex VI.

Cataloguing the confusion on China's scrubber policy. *By Jamey Bergman.*

Marine Propulsion & Auxiliary Machinery. 15 January 2019. Available from: https://www.mpropulsion.com/news/view,cataloguing-the-confusion-on-chinas-scrubber-policy_56448.htm Not long after 2019 rang in, reports surfaced that China had taken a decision that would effectively ban the use of open-loop style exhaust gas cleaning systems, commonly known as scrubbers, in its emission control areas.

US shipper fury as container lines announce 'insane' street turn fees. *By Alex Lennane.*

The Loadstar. 15 January 2019. Available from: <https://theloadstar.co.uk/us-shipper-fury-as-container-lines-announce-insane-street-turn-fees/> US agricultural shippers and forwarders have lashed out at "insane" and "appalling" "huge mistake" by shipping lines, which will impose a "street turns" fee next month.

UCL: hydrogen and ammonia are the fuels of the future. *By Gary Dixon.* *TradeWinds.*

16 January 2019. Available from: <https://www.tradewindsnews.com/offshore/1676521/ucl-hydrogen-and-ammonia-are-the-fuels-of-the-future> Shipowners should place their bets on hydrogen and ammonia as the vessel fuels of the future, according to an expert from University College London (UCL).

If 2018 was the tipping point for LNG as a marine fuel, 2019 will be the year of acceleration.

SEA/LNG. 17 January 2019. Available from: <https://sea-lng.org/if-2018-was-the-tipping-point-for-lng-as-a-marine-fuel-2019-will-be-the-year-of-acceleration/> 2018 saw a sea-change in attitudes and actions towards Liquefied Natural Gas (LNG) as a marine fuel.

The Lloyd's List Podcast: Breaking down the silos. *Lloyd's List.* 18 January 2019.

Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1125912> The enhanced efficiencies promised by the introduction of new technologies and a fully integrated supply chain will first need to overcome the practical problems of a traditional industry that continues to operate in silos.

To meet IMO 2050 CO2 target shipping needs to be more efficient: Stopford. *By Paul Bartlett.*

Seatrade Maritime News. 18 January 2019. Available from: <https://bit.ly/2AX3bSs> To put the challenge into context, Stopford said that to achieve the IMO's aim, the industry would be emitting no more than 470m tonnes of carbon a year by the middle of the century.

New shake-up for Chinese shipping and shipbuilders. *By Bob Rust.* *TradeWinds.*

19 January 2019. Available from: <https://www.tradewindsnews.com/shipyards/1678438/new-shake-up-for-chinese-shipping-and-shipbuilders> Further mergers and strategic alliances, as well as spin-offs of non-core subsidiaries, are on the cards for Chinese central state-owned enterprises under new policies spelt out by Beijing.

MARINA strengthens Philippine Ship Registry; upholds commitment to IMO. *Government of the Philippines*. 20 January 2019. Available from: <http://marina.gov.ph/2019/01/20/marina-strengthens-philippine-ship-registry-upholds-commitment-to-imo/> The Maritime Industry Authority (MARINA) strengthens the Philippine Ship Registry through the implementation of the 10-year Maritime Industry Plan (MIDP), regular joint collaboration with the private stakeholders, and by being a responsible member of the international maritime community.

Lessons learned from a hundred ballast water system installations. By Jad Mouawad. *Maritime Executive*. 21 January 2019. Available from: <https://www.maritime-executive.com/editorials/lessons-learned-from-a-hundred-ballast-water-system-installations> Our engineers have finalized installation and commissioning surveys of over 100 ballast water management systems, mainly during newbuilding in Korea and China, but also for an increasingly amount of ships after the initial installation is completed and the ship has sailed for a while, sometimes a few years.


As IMO 2020 lures newcomers to bunker sector, profit is far from guaranteed: Fuel for Thought. By Jack Jordan. *S&P Global Platts*. 21 January 2019. Available from: <https://blogs.platts.com/2019/01/21/imo-2020-lures-newcomers-to-bunker-sector/> A pharmaceutical company's ill-fated attempt to focus on trading bunker fuel derivatives highlights the unpredictability that IMO 2020 has injected into oil markets.

Making shipping a zero-carbon industry: How do we turn ambition into reality? *Lloyd's Register*. 21 January 2019. Available from: <https://www.lr.org/en/latest-news/making-shipping-zero-carbon/> The new study, to be launched on 29 January, is the latest in LR's Low Carbon Pathways 2050 Series.

UK flag blow as P&O reflags fleet ahead of Brexit. By Gary Dixon. *TradeWinds*. 22 January 2019. Available from: <https://www.tradewindsnews.com/passengerships/1681128/pando-ferries-reflags-rest-of-fleet-ahead-of-brexit> The UK register took a hit from Brexit on Tuesday as P&O Ferries said it was reflagging the rest of its cross-Channel fleet to Cyprus.

Stena ferry boss worried over risk of hard Brexit. By Johnny Cotton. *Reuters*. 22 January 2019. Available from: <https://www.reuters.com/article/us-davos-meeting-stena/stena-ferry-boss-worried-over-risk-of-hard-brexit-idUSKCN1PG1BF> The head of Swedish ferry operator Stena AB fears major disruption in the event of a hard Brexit but is still hoping that politicians can come up with a solution that allows business as usual.

Shipping executives: Investors have withdrawn. By Tomas Kristiansen. *ShippingWatch*. 23 January 2019. Available from: <https://shippingwatch.com/secure/carriers/Tanker/article11144655.ece> The past 6-9 months have brought a jamming of the brakes among investors, which have shown significantly less interest in the shipping sector than just one year ago.

Economic Impacts of GHG Mitigation Policies on Shipping: What Is the State of the Art of Current Modeling Approaches? *UMAS*. 23 January 2019. Available from: <https://bit.ly/2SopMB8> The International Maritime Organization's initial strategy on reduction of greenhouse gas emissions from ships stipulates that the international shipping sector should assess the impacts on states prior to adoption of the mitigation measures included in the strategy. [Understanding the Economic Impacts of Greenhouse Gas Mitigation Policies on Shipping](#) 

Insight: The rise of reefer shipping. *Port Technology International*. 24 January 2019.
Available from: https://www.porttechnology.org/news/insight_the_rise_of_reefer_shipping 📄
In a recent technical paper, available from Port Technology, Maersk Container Industry's Søren Leth Johannsen explained that cutting energy costs and optimizing cargo quality, using a combination of existing and emerging technologies, makes this sector valuable for maritime businesses.

The Lloyd's List Podcast: Data is an opportunity, not a cost. *Lloyd's List*. 25 January 2019.
Available from: <https://bit.ly/2Rsv7mD> 🎧 The shipping industry is experiencing a period of accelerated digital change.

The world economy and shipping: What will 2019 bring? By Nikos Roussanoglou. *Hellenic Shipping News*. 26 January 2019. Available from: <https://www.hellenicshippingnews.com/the-world-economy-and-shipping-what-will-2019-bring/> With the global economy and shipping all the more linked with each other, it's crucial to get a grip on where global trade is heading in 2019.

2018 was a "year to forget" for container carrier reliability. By Søren Pico. *ShippingWatch*. 28 January 2019. Available from: <https://shippingwatch.com/secure/carriers/Container/article11152815.ece> Container carriers' customers likely would have preferred to skip 2018, when many vessels were delayed and the industry experienced major issues with reliability, says analyst firm Seaintelligence, which monitors the container industry's reliability on an ongoing basis.

In Depth: Vale Dam Collapse and Impact on Shipping. By Jasmina Ovcina Mandra. *World Maritime News*. 28 January 2019. Available from: <https://worldmaritimeneeds.com/archives/269886/vale-dam-collapse-and-impact-on-shipping/> Hundreds of people have been reported missing following the deadly dam collapse at Brazilian town of Brumadinho, in Minas Gerais, operated by the Brazilian miner giant Vale.

LR and UMAS release new 'Zero-Emission Vessels Transition Pathways' study. *Lloyd's Register*. 29 January 2019. Available from: <https://www.lr.org/en/latest-news/0128-lr-and-umas-release-new-zero-emission-vessels-transition-pathways-study/> Today, Lloyd's Register (LR) and University Maritime Advisory Services (UMAS) have released 'Zero-Emission Vessels Transition Pathways', a study that aims to show what is needed to enable the transition, both at the ship and supply infrastructure level, to deliver zero-emission vessels (ZEVs) that are crucial to achieve the IMO's Greenhouse Gas (GHG) Strategy 2050 ambition.

Digitalisation improves environmental footprint of shipping sector. *Port of Rotterdam*. 29 January 2019. Available from: <https://bit.ly/2HHH4oU> In late 2018, the signatories to the Paris Agreement on Climate Change adopted the guidelines for its implementation.

Sulphur 2020 tank cleaning challenge could cost billions. By Paul Bartlett. *Seatrade Maritime News*. 29 January 2019. Available from: www.seatrade-maritime.com/news/europe/sulphur-2020-tank-cleaning-challenge-could-cost-billions.html The scale of the challenge facing ship operators as they prepare bunker tanks for new low-sulphur fuels ahead of the IMO's 2020 sulphur cap may have been underestimated, according to some marine fuel experts.

Making a Difference: Interferry acts on industry's major issues. By Mike Corrigan. *MarineLink*. 29 January 2019. Available from: <https://www.marinelink.com/news/making-a-difference-interferry-acts-462275> Interferry CEO Mike Corrigan reflects on the global trade association's hectic year of involvement in three key areas of concern.

Everyone believes in blockchain - but no one trusts each other. By Simon Valeur.

ShippingWatch. 29 January 2019. Available from:

<https://shippingwatch.com/secure/Services/article11156208.ece> Even though nine out of ten executives in the transport and logistics sector project that blockchain will transform the shipping sector, only a very small part of the sector is really betting on the technology, concludes Boston Consulting Group.

Resolving the Blockchain paradox in transportation and logistics. Boston Consulting Group

29 January 2019. Available from: <https://www.bcg.com/publications/2019/resolving-blockchain-paradox-transportation-logistics.aspx> The best blockchain networks are often the hardest to create.

Shipping Association of Jamaica is 80! *The Gleaner (Jamaica)*. 29 January 2019. Available from:

<http://jamaica-gleaner.com/article/shipping/20190129/shipping-association-jamaica-80>

Shipping, maritime and transport Industry officials joined the members, staff and well-wishers of the Shipping Association of Jamaica at the St Peter's Anglican Church in Port Royal on Sunday, January 27, to celebrate 80 years of existence.

RESEARCH

How fast are the oceans warming? By L. Cheng, J. Abraham et al. *Science*. (2019).

Available from: <http://science.sciencemag.org/content/363/6423/128.abstract> Climate change from human activities mainly results from the energy imbalance in Earth's climate system caused by rising concentrations of heat-trapping gases.

Ocean recoveries for tomorrow's Earth: Hitting a moving target. By K. E. Ingeman, J. F. Samhuri et al. *Science*. (2019). Available from:

<http://science.sciencemag.org/content/363/6425/eaav1004.abstract> As the human population has grown, our demands on the ocean have increased rapidly.

Bionics and green technology in maritime shipping: an assessment of the effect of *Salvinia* air-layer hull coatings for drag and fuel reduction. By J. Busch, W. Barthlott et al.

Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences. (2019). Available from: <https://doi.org/10.1098/rsta.2018.0263> To save energy and reduce environmental impacts, new technologies towards a development of a sustainable 'greener' economy are needed.

Global trends in carbon dioxide (CO₂) emissions from fuel combustion in marine fisheries from 1950 to 2016. By K. Greer, D. Zeller et al. *Marine Policy*. (2019). Available from:

<http://www.sciencedirect.com/science/article/pii/S0308597X1730893X> Using the Sea Around Us global catch and effort databases (www.seaaroundus.org), this study presents time series estimates (1950-2016) of total CO₂ emissions and emissions intensity (CO₂ emissions per unit of catch) from the combustion of fuel in global marine fisheries by fishing sector, as well as a regional comparison of fuel use intensity for 2011.

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About the cover

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