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.

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

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

Table of Contents

 IMO NEWS & EVENTS ................................................................. 2
 UNITED NATIONS ......................................................................... 4
 CASUALTIES ................................................................................. 5
 ENVIRONMENT ............................................................................. 7
 ENVIRONMENTAL POLLUTION .................................................. 12
 HEALTH & SAFETY ................................................................. 13
 IMO .............................................................................................. 13
 LAW & POLICY ........................................................................... 15
 MARINE TECHNOLOGY .............................................................. 20
 MARITIME EDUCATION & TRAINING ....................................... 22
 MARITIME SAFETY ................................................................. 23
 MARITIME SECURITY .............................................................. 24
 MIGRANTS ................................................................................. 27
 NAVIGATION & COMMUNICATIONS ........................................ 28
 PIRACY ....................................................................................... 30
 PORT STATE CONTROL .............................................................. 31
 PORTS & HARBOURS ............................................................... 32
 REGULATIONS ............................................................................ 36
 SALVAGE ..................................................................................... 39
 SEAFARERS ............................................................................... 39
 SEARCH & RESCUE ............................................................... 42
 SHIP RECYCLING ....................................................................... 44
 SHIPBUILDING & SHIPREPAIR ............................................... 45
 SHIPPING .................................................................................. 46
IMO NEWS & EVENTS

WHAT'S NEW

Supporting gender equality, empowering women - World Maritime Day 2019

On 26 September, IMO and the global maritime community celebrate the annual World Maritime Day, under the theme "Empowering Women in the Maritime Community".

"Gender equality has been recognized as one of the key platforms on which people can build a sustainable future. It is one of the 17 goals that underpin the UN's Sustainable Development Agenda, which countries all over the world have pledged to implement," said IMO Secretary-General Kitack Lim.

"Helping our Member States achieve the SDGs and deliver the 2030 Agenda is one of our key strategic directions. Gender equality and decent work for all are among those goals - SDGs 5 and 8- and, although we are highlighting the role of women in the maritime community this year, I want to stress that this is part of a continuing, long-term effort in support of these objectives," Mr. Lim said. More...

Colombia's World Maritime Day Parallel Event promotes gender equality in the maritime community

"Shipping must draw talent from every corner of the globe and every sector of the population to ensure its own sustainability."

This was a key message from IMO Secretary-General Kitack Lim, in his opening remarks to the 2019 IMO World Maritime Day Parallel Event (15-18 September), held in Cartagena, Colombia.

"Improving the participation of women in society leads to better social and economic outcomes. This is also true in the maritime community. So, it is critical that women are provided with equal access to opportunities at all levels and within all sectors of the maritime industry. Experience shows that, when they are given those opportunities, women are strong and successful – continually challenging old-fashioned and outdated perceptions and proving that, today, the maritime industries are for everyone. It's not about your gender, it's about what you can do," Mr. Lim said. More...

IMO MEETINGS FOR 2019

LATEST PRESS BRIEFINGS
RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

World Maritime Day Parallel Event, Cartagena, Colombia: “Empowering Women in the Maritime Community” 16 September 2019 (Opening remarks)

London International Shipping Week Headline Conference 12 September 2019

London International Shipping Week: ICS - Setting the course for 2050: Powering the global trade 11 September 2019

WISTA/Inmarsat panel during London International Shipping Week on “Digitalization and Diversity” 10 September 2019

London Stock Exchange Market Open Ceremony 9 September 2019

IMO NEWS MAGAZINE  (Summer 2019)

IMO PUBLISHING  Just Published 2019  August 2019 Newsletter
UNITED NATIONS

Human rights are everyone’s business, amid relentless crises around world: UN’s Bachelet. UN News. 4 September 2019. Available from: https://news.un.org/en/story/2019/09/1045602. The relentless outbreak of crises around the world – from the fires in the Amazon to “carnage” in Syria and demonstrations in Hong Kong, Russia, Indonesian Papua and elsewhere - risk pushing the world “further and further away from global solutions to global problems”, the UN’s top rights official said on Wednesday.

Northern Bahamas ravaged by ‘disaster of epic proportions’ as UN releases US$1 million in emergency funds. UN News. 4 September 2019. Available from: https://news.un.org/en/story/2019/09/1045642. Following the “terrible devastation” of parts of the northern Bahamas in the Caribbean caused by Hurricane Dorian, Secretary-General António Guterres has said he “remains deeply concerned” for those thousands impacted by the giant storm.

UN General Assembly: Here are the 5 big summits to watch out for. UN News. 15 September 2019. Available from: https://news.un.org/en/story/2019/09/1045782. Alongside the customary speeches from heads of state, five important high-level summits and meetings will be taking place, covering many of the key issues facing today’s world.


UN summits to urge ‘ambition and action’ on climate change, sustainable development: Guterres. UN News. 18 September 2019. Available from: https://news.un.org/en/story/2019/09/1046712. For UN Secretary-General António Guterres, there is no time to lose in the face of climate change, rising inequality, increasing hatred and intolerance; and what he described as an “alarming” number of peace and security challenges.


U.N. urged by own staff to look at its climate footprint. Emma Farge. Reuters. 20 September 2019. Available from: https://www.reuters.com/article/us-climate-change-un-document-idUSKBN1W50YH. Close to 2,000 United Nations employees have called for the global body to reduce its carbon footprint, including through curbs on their own diplomatic perks like business-class flights and travel handouts, a letter obtained by Reuters showed.

United In Science: High-level synthesis report of latest climate science information convened by the Science Advisory Group of the UN Climate Action Summit 2019. World Meteorological Organization (WMO). September 2019. Available from: https://public.wmo.int/en/resources/united_in_science The Science Advisory Group to UN Climate Action Summit 2019 have convened the report United in Science to assemble the key scientific findings of recent work undertaken by major partner organizations in the domain of global climate change research, including the World Meteorological Organization, UN Environment, Global Carbon Project, the Intergovernmental Panel on Climate Change, Future Earth, Earth League and the Global Framework for Climate Services. United in Science

Greta Thunberg tells world leaders ‘you are failing us’, as nations announce fresh climate action. UN News. 23 September 2019. Available from: https://news.un.org/en/story/2019/09/1047052 Speaking at the beginning of the UN’s Climate Action Summit on Monday, the 16-year-old acclaimed climate activist Greta Thunberg, was unsparing in her criticism of world leaders, telling them that they are still “not mature enough to tell it like it is”.


Island nations on climate crisis frontline ‘not sitting idly by’. UN News. 26 September 2019. Available from: https://news.un.org/en/story/2019/09/1047652 On Friday, they will be centre stage during the General Assembly’s big opening week, when countries will discuss progress made since the landmark SAMOA Pathway agreement was reached, five years ago.


CASUALTIES


Nur Allya lifeboat found. Maritime Executive. 2 September 2019. Available from: https://maritime-executive.com/article/nur-allya-lifeboat-found GTV Indonesia News has reported that a lifeboat belonging to the missing bulk carrier Nur Allya has been found.

Searchers look for 9 missing in California boat fire, 25 die. Stefanie Dazio. Associated Press. 3 September 2019. Available from: https://apnews.com/42f6334699ef4afe91a049055d24c975 Divers and search crews were still looking Tuesday for nine missing people after at least 25 were confirmed dead when a boat packed with scuba divers caught fire near an island off the Southern California coast.

UPDATE 2: Coast Guard suspends search for survivors of sunken boat near Santa Cruz Island. United States Coast Guard. 3 September 2019. Available from: https://content.govdelivery.com/accounts/USDHSCG/bulletins/25cc3ad The Coast Guard suspended their search for survivors aboard the Conception Tuesday at 9:40 a.m. following a search that began Monday.

California dive-boat fire highlights need for more than one exit from sleeping quarters. Jayme Deerwester. USA Today. 3 September 2019. Available from: https://eu.usatoday.com/story/travel/news/2019/09/02/california-boat-fire-highlights-need-secondary-emergency-exits/2191195001/ The U.S. Coast Guard says all 33 passengers and one crew member are assumed dead after a tragic boat fire early Monday that occurred in open water off California.

NTSB: Cell charging a possible ignition source in dive boat fire. Maritime Executive. 5 September 2019. Available from: https://www.maritime-executive.com/article/ntsb-cell-charging-a-possible-ignition-source-in-dive-boat-fire After an extensive dive search, the remains of 33 out of 34 missing individuals from the dive boat Conception have been recovered, and officials are using DNA analysis to determine the identities of the victims.


Coast Guard rescues crew members from disabled cargo vessel in Brunswick. United States Coast Guard. 8 September 2019. Available from: https://content.govdelivery.com/accounts/USDHSCG/bulletins/25dea69 A Coast Guard Air Station Savannah MH-65 Dolphin helicopter aircrew hoists crewmembers from the 656-foot vehicle carrier Golden Ray after the vessel became disabled and started to list in the St. Simons Sound near Brunswick, Georgia, Sept. 8, 2019.

Two crew stabbed to death on aframax. Gary Dixon. TradeWinds. 9 September 2019. Available from: https://www.tradewindsnews.com/casualties/two-crew-stabbed-to-death-on-aframax/2-1-668242 Police and the coast guard are investigating a possible double murder after two tanker crew were found stabbed to death in the Caribbean.


**ENVIRONMENT**


Take a Breath, Thank a Whale. Regina Asmutis-Silvia and Sulmaan Wasif Khan. Foreign Policy. 3 September 2019. Available from: https://foreignpolicy.com/2019/09/03/take-a-breath-thank-a-whale/ Like the Amazon rainforest, the planet’s whales play crucial roles as carbon captors.

Slow response to right whale plight could have impact on Canadian fisheries, study says. Olivia Blackmore. The Star (Canada). 3 September 2019. Available from: https://www.thestar.com/news/canada/2019/09/03/slow-response-to-right-whale-plight-could-have-impact-on-canadian-fisheries-study-says.html For years, fishermen off the U.S. east coast have faced tight restrictions on fishing gear and vessel speed restrictions to ensure their activities do not harm marine mammals, including the endangered North Atlantic right whale.


Is Macron defending Paris by attacking shipping? Malcolm Latarche. ShipInsight. 4 September 2019. Available from: https://shipinsight.com/articles/is-macron-defending-paris-by-attacking-shipping It is often said that attack is the best form of defence and that may well be what French President Emmanuel Macron had in mind at the recent G7 summit when calling for shipping to adopt slow steaming to protect the climate.


EU failing 2020 commitments for marine biodiversity protection. WWF. 10 September 2019. Available from: http://www.wwf.eu/?uNewsID=352796 A new report from WWF and Sky Ocean Rescue shows European seas remain in a poor state and significantly lack appropriate biodiversity protection, with 19 of 23 marine EU Member States falling behind on developing management plans for their Marine Protected Areas (MPAs).

Protecting our Ocean: Europe’s challenges to meet the 2020 deadlines


The ocean is in trouble and current global commitments aren’t enough to save it. Peter Thomson. Time. 12 September 2019. Available from: https://time.com/5669048/ocean-warming-climate-change/ You’re probably aware of overfishing and the harmful practices of fisheries driving a third of the planet’s fish stocks toward extinction, and you surely know about the unconscionable amount of pollution, in particular plastic, that we dump in the ocean.


Leaders demand urgent climate action in Dorian’s wake. The Commonwealth. 16 September 2019. Available from: https://thecommonwealth.org/media/news/leaders-demand-urgent-climate-action-dorian%E2%80%99s-wake In the lead up to next week’s global climate summit in New York and barely two weeks after Hurricane Dorian battered The Bahamas, the Commonwealth’s top official is calling for urgent action to tackle climate change and its disastrous impacts.


More than 100 countries applied for UN climate summit, half were rejected. Chloé Farand. Climate Home News. 19 September 2019. Available from: https://www.climatechangenews.com/2019/09/19/100-countries-applied-un-climate-summit-half-rejected/ More than 100 countries applied to address Monday’s UN climate action summit but only half were deemed ambitious enough to take to the stage on Monday, Climate Home News has learned.

Commentary: Air pollution’s nasty effects should motivate stronger action but hasn’t. Robin Harding. Channel News Asia. 19 September 2019. Available from: https://www.channelnewsasia.com/news/commentary/air-pollution-haze-nasty-effects-should-motivate-action-11917218 Particulates — especially fine and ultrafine particles below 2.5 micrometres in diameter — are widely recognised as a long-term health issue, even if many people do not appreciate the scale of the harm or how extensive the evidence has become.

To solve climate change, remember the ocean. Janis Searles Jones. Nature. 19 September 2019. Available from: https://www.nature.com/articles/d41586-019-02832-w More than two-thirds of the planet is covered by ocean, but these waters have not received their due in terms of research dollars or public attention.

Climate change protests spread around the world on global day of action. ABC (Australia). 20 September 2019. Available from: https://www.abc.net.au/news/2019-09-20/climate-change-rallies-around-the-world/11534694 Students worldwide are taking to the streets to demand more action against climate change after an estimated 300,000 Australians gathered at rallies around the country.

Rival banks must work together to tackle climate change. Christian Wilson. World Economic Forum. 21 September 2019. Available from: https://www.weforum.org/agenda/2019/09/these-rival-banks-are-working-together-to-tackle-climate-change/ As a result, banks have a crucial role to play in the transition to a low-carbon economy and in meeting the goals of the Paris Agreement.


**UK should include aviation, shipping in net zero emission goal: advisers.** Susanna Twidale.  *Reuters.* 24 September 2019. Available from: [https://www.reuters.com/article/us-climate-change-britain/uk-should-include-aviation-shipping-in-net-zero-emission-goal-advisers-idUSKBN1W82U5](https://www.reuters.com/article/us-climate-change-britain/uk-should-include-aviation-shipping-in-net-zero-emission-goal-advisers-idUSKBN1W82U5)  The aviation and shipping sectors should formally be included in Britain’s target to cut its greenhouse gas emissions to net zero by 2050, the government’s climate advisers said on Tuesday.


**The ocean is key to achieving climate and societal goals.** Ove Hoegh-Guldberg, Eliza Northrop and Jane Lubchenco.  *Science.* 25 September 2019. Available from: [https://science.sciencemag.org/content/365/6460/1372](https://science.sciencemag.org/content/365/6460/1372)  The just-released Intergovernmental Panel on Climate Change (IPCC) special report on the ocean and cryosphere in a changing climate (SROCC) (1) details the immense pressure that climate change is exerting on ocean ecosystems and portrays a disastrous future for most life in the ocean and for the billions of people who depend on it unless anthropogenic greenhouse gas (GHG) emissions are slashed.


**Explainer: If emissions keep on rising, what happens to oceans, glaciers and ice caps?** Matthew Green.  *Reuters.* 25 September 2019. Available from: [https://reut.rs/2ODYoNe](https://reut.rs/2ODYoNe)  The United Nations-backed Intergovernmental Panel on Climate Change published a report on Wednesday investigating what is likely to happen to oceans, glaciers and ice caps if the world fails to bring carbon emissions under control.

As new disease wipes out Caribbean coral, scientists tear up reefs to stop the spread.

ENVIRONMENTAL POLLUTION

Ocean plastic pollution on agenda at Asia Pacific Climate week. Linda Mottram. ABC (Australia). 4 September 2019. Available from: https://www.abc.net.au/radio/programs/pm/ocean-plastic-pollution-on-agenda-at-asia-pacific-climate-week/11479296 The UN’s top envoy on the world’s oceans has compared the fight against plastic pollution to the fight against big tobacco, as the plastics industry gears up for a 40 per cent increase in production over the next decade.


High activity on oil spill recovery operation in the Bahamas. Equinor. 17 September 2019. Available from: https://www.equinor.com/en/where-we-are/bahamas/2019-09-17-high-activity-oil-spill-recovery.html The oil spill recovery at the South Riding Point terminal in the Bahamas has now been ramped up significantly, with 104 responders and large-scale equipment arrived on site.


Private boats in the Mediterranean have extremely high potential to spread alien species. Phys.org. 25 September 2019. Available from: https://phys.org/news/2019-09-private-boats-mediterranean-extremely-high.html This is the first study in the Mediterranean to combine boat and marina sampling data with crew surveys to better understand the role these boats play in spreading alien species.
HEALTH & SAFETY


IMO

*Drewry: Low-sulphur fuel to cost 30% more than the current fuel.* *World Maritime News.* 3 September 2019. Available from: [https://worldmaritimeneWS.com/archives/282553/](https://worldmaritimeneWS.com/archives/282553/) Early indications of prices for low-sulphur fuel oil 0.5% compliant with the IMO 2020 rule showed that the new fuel costs about 30% more than the current, high-sulphur IFO380 fuel at Asian ports which have started selling it.


*International Maritime Organization appoints first Emirati woman as IMO Goodwill Maritime Ambassador.* *Emirates News Agency (UAE).* 18 September 2019. Available from: [https://www.wam.ae/en/details/1395302787705](https://www.wam.ae/en/details/1395302787705) The International Maritime Organization (IMO) announced the appointment of Dr. Aisha Al Busmait, Director of Government Communications at the Federal Transport Authority - Land & Maritime, as IMO Goodwill Maritime Ambassador, in the presence of Dr. Abdullah bin Mohammed Belhaif Al Nuaimi, Minister of Infrastructure Development, Chairman of the Federal Authority for Land and Maritime Transport (FTA), and several ministers and representative members of the IMO.


World Maritime Day 2019: We are committed to a strong, attractive, competitive, prosperous and socially sustainable shipping industry. European Community Shipowners’ Associations (ECSA). 26 September 2019. Available from: https://www.ecsa.eu/index.php/news/world-maritime-day-2019-we-are-committed-strong-attractive-competitive-prosperous-and-socially  ECSA and its members are committed to make the shipping industry a more attractive and safer workplace for women and to promote equal opportunities for women and men in the transport sector, following the joint declaration of intention co-signed with its social partner, the European Transport Workers’ Federation (ETF).

Day to mark the role of oceans. H Khasnobis. The Statesman (India). 27 September 2019. Available from: https://www.thestatesman.com/opinion/day-mark-role-oceans-1502804152.html  IMO believes that empowering women will foster an environment in which they are selected for career development opportunities in maritime administration, ports, maritime training institutions and scientific research in fields of oceanography, ecology and pollution.

LAW & POLICY


High seas treaty negotiation concludes in New York with no consensus. Makereta Komai. Pacific Islands News Association (PINA). 1 September 2019. Available from: http://www.pina.com.fj/index.php?p=pacnews&m=read&o=9162548135d6c41fb5308731c078fd  The third round of negotiation to establish a new global treaty to oversee the management and sustainable use of marine biodiversity in the high seas concluded in New York Friday – with delegates agreeing that more work needs to be done between now and March next year to bridge the gaps and find common ‘landing zones’ to operationalise the treaty.


The hidden fight to stop illegal fishing from destroying our oceans. Olive Heffernan. *Wired*. 3 September 2019. Available from: [https://www.wired.co.uk/article/illegal-fishing-global-fishing-watch](https://www.wired.co.uk/article/illegal-fishing-global-fishing-watch) One Wednesday in March, 2019, a small group of ocean experts gathered in a conference room in Panama City’s Waldorf Astoria, ready to take the stage.

**Capacity-Building, Gender Empowerment and the BBNJ Agreement.** *World Maritime University (WMU)*. 3 September 2019. Available from: [https://www.wmu.se/news/capacity-building-gender-empowerment-and-bbnj-agreement](https://www.wmu.se/news/capacity-building-gender-empowerment-and-bbnj-agreement) On 30 August at the United Nations Headquarters, as part of the Third Session of the Intergovernmental Conference on an international legally binding instrument under the UNCLOS on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction, Dr. Cleopatra Doumbia-Henry, President of the World Maritime University (WMU), delivered a keynote address at the side event entitled ‘Capacity-Building, Gender Empowerment and the BBNJ Agreement.’


EU studies reform of ‘outdated’ energy taxes, higher levies for air, sea transport.
Francesco Guarascio.  Reuters.  9 September 2019. Available from: http://news.trust.org/item/20190909150811-pxop3/ The European Union is studying a reform of energy taxes to align them with climate targets, an EU document showed, listing as possible measures higher minimum tax rates, fossil fuel levies and the end of waivers for the air and sea transport sectors.

Massive infrastructure investment needed to meet IMO’s 2050 goals, says MCA head.


J.P. Morgan says shipping loans will go only to clean vessels. Hellenic Shipping News. 11 September 2019. Available from: https://www.hellenicshippingnews.com/j-p-morgan-says-shipping-loans-will-go-only-to-clean-vessels/ J.P. Morgan Asset Management is joining a chorus of global financiers saying that protecting the environment will be a key consideration for extending shipping loans.


China, Malaysia seek to resolve South China Sea disputes with new dialogue mechanism.

Nigeria is losing $600 million annually to illegal and unreported fishing by foreign vessels as a result of lack of equipment such as Automatic Identification System (AIS) and Vessel Monitoring System (VMS), and adequate manpower to police the country’s vast coastline, THISDAY’s investigation has revealed.

In late August delegates met for the third intergovernmental conference (IGC) in New York to continue negotiations towards establishing an international law on the conservation and sustainable use of biodiversity of areas beyond national jurisdiction.

Bainimarama strikes a more conciliatory tone than recent comments in asking for Australia’s support to fight climate change.

The Royal Norwegian Embassy in Abu Dhabi and Innovation Norway Middle East hosted a seminar titled ‘Protecting our Oceans’ in Dubai for the Ministry of Climate Change and Environment, MOCCAE, and other UAE entities from the private and public sectors.

A strategy to boost trade and investment into the UK’s premier position for maritime businesses was launched by International Trade Secretary, Liz Truss, today (Tuesday 17 September).

The next European Commission taking charge of the EU from November has made an ambitious, global-leading fight against climate change the centrepiece of its mandate, putting a super vice president in charge of the issue.

Samoan Prime Minister, Tuilaepa Sa’ilele Malielegaoi, believes the new 2050 vision for the Pacific Islands countries must recognise the blue Pacific continent that makes up the territories and economic exclusive zones of the region.

Women in Maritime Indonesia, or WIMA Ina, opposes the revision of Maritime Law or Law no.17/2008.

How will Malaysia and China’s maritime consultation mechanism affect the South China Sea dispute? Tashny Sukumaran. *South China Morning Post.* 22 September 2019. Available from: https://www.scmp.com/week-asia/explained/article/3029732/how-will-malaysia-and-china's-maritime-consultation-mechanism The recent announcement of a bilateral consultation mechanism between China and Malaysia on maritime affairs has given rise to questions surrounding the South China Sea, where both countries have overlapping claims.


Less than 3 percent of the ocean is ‘highly protected’. Sarah Gibbens. *National Geographic.*

Orakusi: African Maritime Industry worth $1trn annually. Eromosele Abiodun. *This Day (Nigeria).*

Stop begging for appointments, Amaechi tells maritime women. Shulammite ‘Foyeku.

**MARINE TECHNOLOGY**

IMarEST report explores shipping automation and changing reliance on human skills in the next 30 years. *Institute of Marine Engineering, Science and Technology (IMarEST).*
3 September 2019. Available from: [https://bit.ly/2ltI4Cl](https://bit.ly/2ltI4Cl) A new report from the Institute of Marine Engineering, Science & Technology (IMarEST) appraises the capabilities and limitations of automation at sea, grappling with the question of how humans and autonomous systems will work together. Autonomous Shipping - Putting the human back in the headlines II 🇪🇺

RightShip comes under scrubber pressure. Sam Chambers. *Splash 247.com.* 5 September 2019. Available from: [https://splash247.com/rightship-comes-under-scrubber-pressure/](https://splash247.com/rightship-comes-under-scrubber-pressure/) The Environmental Protection Alliance (EPA) has written an open letter to the CEO of RightShip, the world’s leading third party ship vetting organisation, demanding that the company amends its environmental rating system to take into account the pollution from scrubbers.

Data is Power: How access to data is helping mariners protect whale populations.


Workshop dedicated to future of Maritime Technology Cooperation Centre. Soli Wilson. Samoa Observer. 17 September 2019. Available from: https://www.samoaobserver.ws/category/samoa/49519 The fourth Pacific Regional Energy and Transport Ministers Meeting, was convened in Apia on Tuesday with the aim of extending environmentally friendly transport across the region including lowering emissions from sea freight.

Researcher behind scrubber study: “It is necessary to rethink the rules”. Niklas Krigslund. ShippingWatch. 18 September 2019. Available from: https://shippingwatch.com/secure/regulation/article11624045.ece Scrubbers are not the right solution if the aim is to lower shipping’s pollution, says a researcher behind a Swedish study.


ECOsubsea Wins Approval for Hull Cleaning Tech in Antwerp, Zeebrugge. Maritime Executive. 23 September 2019. Available from: https://maritime-executive.com/corporate/ecosubsea-wins-approval-for-hull-cleaning-tech-in-antwerp-zeebrugge ECOsubsea, the Norwegian cleantech firm with a unique hull cleaning technology has won contracts to clean in North European ports of Antwerp and Zeebrugge thanks to the technology’s ability to remove all hull fouling from the water.


**Investigating marine accidents – sea tech latest with the UK’s Marine Accident Investigation Branch.** *BBC World Service.* 28 September 2019. Available from: [https://www.bbc.co.uk/programmes/w3csy66s](https://www.bbc.co.uk/programmes/w3csy66s) Digital Planet visits the UK’s Marine Accident Investigation Branch for learn more about the technology used to investigate incidents at sea.

**MARITIME EDUCATION & TRAINING**


**MARITIME SAFETY**


TT Talk - Dangerous goods centre stage. TT Club. 5 September 2019. Available from: https://www.ttclub.com/loss-prevention/tt-talk/tt-talk-dangerous-goods-centre-stage-149814/ It has been a torrid year for cargo-related containership fires, with reported incidents averaging every 30 days and bucking the twenty plus year frequency of roughly every 60 days.


Survitec Expert Highlights Benefits Of Chutes And Slides In Mass Evacuation. 


The problem of Cargo Liquefaction on Bulk carriers (Guidance). Dennis L. Bryant. Maritime Cyprus. 24 September 2019. Available from: https://maritimecyprus.com/2019/09/24/the-problem-of-cargo-liquefaction-on-bulk-carriers-guidance/ A shocking number of bulk carriers (as well as a few OBOs – ore/bulk/oil carriers) have been suddenly and catastrophically lost at sea in the last 30 years.


MARITIME SECURITY


US accuses Iranian shipping network of funding terrorism. Christian Carlsen. ShippingWatch. 5 September 2019. Available from: https://shippingwatch.com/secure/article11597406.ece The US has allegedly uncovered a shipping network that the country says has helped Iran’s Islamic Revolutionary Guard Corps move several million barrels of oil.

Tankers: Maritime threats prompt heightened security, raise costs. Sameer C. Mohindru. S&P Global Platts. 6 September 2019. Available from: https://bit.ly/2IBH2H The attacks on tankers in the Middle East in recent months have pushed up the operating costs and prompted market participants to significantly scale up their standard security procedures to adjust to maritime threats, shipping insurers, security officials, owners and charterers said.


N. Korea fires short-range projectiles toward East Sea: JCS. Yonhap News Agency. 10 September 2019. Available from: https://en.yna.co.kr/view/AEN20190910001052325 North Korea fired two short-range projectiles from a western region toward the East Sea on Tuesday, South Korea’s military said, just hours after the communist nation offered to resume nuclear talks with the United States.

SeaSense – Expert thinking on ISPS Code. Safety4Sea. 10 September 2019. Available from: https://safety4sea.com/cm-seasense-12/ This time, our special column, in association with The North of England P&I Club, sheds focus on ISPS Code asking industry experts whether the code itself can enhance maritime security against modern security threats such as cargo theft and terrorism.

Risk Intelligence on unrest following drone attacks: Carriers can do no more. Trine Vestergaard. ShippingWatch. 16 September 2019. Available from: https://shippingwatch.com/secure/carriers/Tanker/article11620312.ece The attacks on two Saudi oil facilities entailed a higher risk profile for shipping companies in the Persian Gulf, Risk Intelligence CEO Hans Tino Hansen assesses.


MIGRANTS


Channel migrants: Border Force intercepts 41 on four boats. BBC News. 15 September 2019. Available from: https://www.bbc.co.uk/news/uk-england-kent-49707720 The vessels, which included a kayak carrying two men, were heading for UK shores before being stopped by Border Force, the Home Office said.


NGO calls for end of criminalisation of rescue groups ahead of Malta migration summit. Malta Independent. 21 September 2019. Available from: https://www.independent.com.mt/articles/2019-09-21/local-news/NGO-calls-for-end-of-criminalisation-of-rescue-groups-ahead-of-Malta-migration-summit-6736213788 A migrant rescue NGO hopes that Monday’s mini-migration summit in Malta will address and improve the problems witnessed during these last months of EU states denying a safe port to search and rescue NGOs.


Greece sees first mass arrival of migrant boats in three years. Karolina Tagaris. Reuters. 30 August 2019. Available from: https://www.reuters.com/article/us-europe-migrants-greece/greece-sees-first-mass-arrival-of-migrant-boats-in-three-years-idUSKCN1VK1VB Over a dozen migrant boats landed on Greece’s Lesbos island within minutes of each other on Thursday in the first such mass arrival from neighbouring Turkey in three years, officials said, prompting Greece to summon Turkey’s ambassador.
NAVIGATION & COMMUNICATIONS


Samir is keeping an eye on tankers dodging the radar. Christian Carlsen. ShippingWatch. 6 September 2019. Available from: https://shippingwatch.com/secure/carriers/Tanker/article11598427.ece A former IT and telecommunications entrepreneur has made it a business to keep an eye on tanker vessels trying to dodge the radar in order to conduct dubious oil trades.
Iranian tanker *Adrian Darya 1* photographed off Syrian port Tartus - U.S. satellite firm. Michael Perry. Reuters. 7 September 2019. Available from: https://reut.rs/2LYvzJG. The Iranian oil tanker *Adrian Darya 1* at the centre of a dispute between Tehran and Western powers, which went dark off Syria earlier in the week, has been photographed by satellite off the Syrian port of Tartus, Maxar Technologies Inc., a U.S. space technology company said on Saturday.

**Saving the Whales.** Ram Avni. Medium. 7 September 2019. Available from: https://medium.com/@ram.avni/saving-the-whales-d9f2ddee511e3. With a widespread global commercial maritime traffic, there has been an increasing number of collisions between whales and boats, leading to many whale injuries and deaths.

Iranian FM spokesman says oil tanker *Adrian Darya 1* unloaded its cargo. MEHR News Agency (Iran). 9 September 2019. Available from: https://en.mehrnews.com/news/149866/Iranian-FM-spokesman-says-oil-tanker-Adrian-Darya-1-unloaded. The Iranian Foreign Ministry spokesman Abbas Mousavi has said that the oil tanker *Adrian Darya 1*, ex-*Grace 1*, has successfully unloaded its cargo despite attempts against it.

**Below-average sea ice levels expand Arctic shipping options.** Davis Hovey. Alaska Public Media. 9 September 2019. Available from: https://www.alaskapublic.org/2019/09/09/with-ice-still-melting-vessels-on-arctic-transits-make-stops-in-nome-late-into-season/. Marine vessels of all sizes transiting through the Arctic Ocean this season, some starting from Nome, have a couple of options for ice-free routes.

Iran’s dark tanker fleet poses oil world’s biggest mystery. Grant Smith. gCaptain. 9 September 2019. Available from: https://gcaptain.com/irans-dark-tanker-fleet-poses-oil-worlds-biggest-mystery/. While one Iranian tanker is attracting global attention, serious oil watchers remain absorbed by a bigger mystery: the hunt for the rest of Iran’s fleet.

**Landmark study identifies critical role for maritime startups.** Inmarsat. 10 September 2019. Available from: https://www.inmarsat.com/news/landmark-study-identifies-critical-role-for-maritime-startups/. New and original research into maritime startups, conducted for Inmarsat by UK GovTech venture firm and research house PUBLIC, concludes that more bandwidth connecting ships to shore at lower cost than ever before is empowering a new breed of single-minded innovators to bring the true benefits of digitalisation to the shipping and offshore sectors.


MOL starts demonstration test of vessel image recognition system using AI technology on Nippon Maru-FOCUS EYE Project, rising to the developing automated watch-keeping. 

Satellite technology helps commercial shipping industry reduce its carbon footprint. 

MOSAiC: Great Arctic expedition starts. 

U.S. Coast Guard Reconsiders Broadcasting NAVTEX over Medium Frequency. 

PCG says innocent passage guaranteed under SOLAS. 

**PIRACY**

Club update on piracy and armed robbery in West Africa. 

Piracy problem is a threat to Nigeria’s maritime economy. 

Increasing piracy risk at Douala anchorage, Cameroon. 
*Gard*. 12 September 2019. Available from: [http://www.gard.no/web/uploads/content/28322483/increasing-piracy-risk-at-douala-anchorage-cameroon](http://www.gard.no/web/uploads/content/28322483/increasing-piracy-risk-at-douala-anchorage-cameroon). In an effort to protect vessels from piracy attacks at Douala anchorage, the Government of Cameroon has decided to supply armed guards, free of charge, that will stay onboard a vessel for the duration of its stay at the anchorage.

Port State Control


Emissions enforcement: will the big guns fire? Paul Gunton. ShipInsight. 5 September 2019. Available from: https://shipinsight.com/articles/emissions-enforcement-will-the-big-guns-fire Back at the end of July I wrote a comment piece about the problem of enforcing the sulphur cap when it comes into force in January 2020 if some port states choose to ignore it and because many flag states have not ratified MARPOL Annex VI, which underpins it.

Chinese bulk carrier detained in Australia with crew owed $64,000. Sam Chambers. Splash 247.com. 6 September 2019. Available from: https://splash247.com/chinese-bulk-carrier-detained-in-australia-with-crew-owed-64000 A Chinese-owned bulk carrier chartered to carry coal to South Korea has been detained at the Port of Gladstone by the Australian Maritime Safety Authority after crewmembers reported they were owed tens of thousands of dollars in unpaid wages.


PORTS & HARBOURS

Rising seas threaten Egypt’s fabled port city of Alexandria. Gulf News (UAE). 30 August 2019. Available from: https://gulfnews.com/world/mena/rising-seas-threaten-egypts-fabled-port-city-of-alexandria-1.66103141 Egypt’s coastal city of Alexandria, which has survived invasions, fires and earthquakes since it was founded by Alexander the Great more than 2,000 years ago, now faces a new menace in the form of climate change.

The Lloyd’s List Podcast: Ports beyond Brexit. Lloyd’s List. 30 August 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1128994 Try as we might, it seems this year’s London International Shipping Week discussions will struggle to escape the gravitational pull of Brexit, as democracy crumbles around us and we hurtle towards a no deal with metaphors of large difficult to manoeuvre tankers that much more pertinent to the maritime crowd than most.

Air quality in shipping ports: Why is it important? Manila Times. 4 September 2019. Available from: https://www.manilatimes.net/2019/09/04/business/maritime-business/air-quality-in-shipping-ports-why-is-it-important/610902/ Seaports around the world have been asked to reduce their carbon dioxide emissions and contribute to efforts against global warming.

Marseille Fos wants to be Mediterranean’s 1st fully electric port by 2025. World Maritime News. 4 September 2019. Available from: https://worldmaritimenum Exhausted of fossil fuels, the Port of Marseille Fos has unveiled a new eco-friendly initiative that supports the port’s goal of becoming the Mediterranean’s first fully electric port by 2025.


London’s strengths remain despite repeated UK government blunders. Julian Bray. TradeWinds. 12 September 2019. Available from: https://www.tradewindsnews.com/opinion/londons-strengths-remain-despite-repeated-uk-government-blunders-21-669720 London International Shipping Week once again has allowed the UK capital to show off its fabled status as one of the world’s most influential centres of maritime business and networking.


Gibraltar boosts port preparations in case of no deal Brexit. Jonathan Saul. Reuters. 13 September 2019. Available from: https://uk.reuters.com/article/uk-britain-europe-gibraltar/gibraltar-boosts-port-preparations-in-case-of-no-deal-brexit-idUKKCN1VY1X5 Gibraltar has extended port facilities to be able to handle more ships carrying goods as part of contingency plans if Britain leaves the European Union without an agreement, the British territory’s maritime minister said on Friday.
Port decarbonisation to reduce shipping emissions. Government Europa. 13 September 2019. Available from: https://www.governmenteuropa.eu/port-decarbonisation/94693/ At the annual ESPO conference in May 2019, Dr Martin Stopford, President of Clarkson Research Services Ltd, discussed the ways in which the shipping and port decarbonisation can meet emissions reduction targets.

Plain sailing? How is Rotterdam, Europe’s biggest port, preparing for Brexit? BBC Radio. 15 September 2019. Available from: https://www.bbc.co.uk/programmes/m0008xb8 The Netherlands port handles millions of tons of goods and thousands of ships every year.


Residents urged to support expansion of Kenya Port Authority. Salome Alwanda. Kenya News Agency (KNA). 19 September 2019. Available from: http://www.kenyanews.go.ke/residents-urged-to-support-expansion-of-kenya-port-authority/ The Western Regional Commissioner (RC), Anne Ng’etich has appealed to people living around Sio Port and Port Victoria areas in Busia County to support the National Government’s plan to expand Ports in these areas.


British Ports welcomes funding but suggests more resources will be needed post Brexit. British Ports Association. 26 September 2019. Available from: https://www.britishports.org.uk/news/british-ports-welcomes-funding-but-suggests-more-resources-will-be-needed-post-brexit Following the announcement today of the grant awards to certain English ports from the Department for Transport the British Ports Association has suggested further funding might be needed across the ports and logistics sectors in a no deal scenario.


0.50% S fuel operation 2020. *MAN Energy Solutions.* September 2019. Available from: [https://marine.man-es.com/docs/librariesprovider6/test/0-50-s-fuel-operation.pdf](https://marine.man-es.com/docs/librariesprovider6/test/0-50-s-fuel-operation.pdf) This paper provides detailed information and guidance on 0.50% S fuel and how to prepare for the change from engine operation on high-sulfur fuel to 0.50% S fuel.


SALVAGE

Salvage claims in the Turkish Straits and ‘Turks 2015’. Gard. 29 August 2019. Available from: http://www.gard.no/web/updates/content/28243606/salvage-claims-in-the-turkish-straits-and-turks-2015 The Turkish Straits, consisting of the Istanbul and Çanakkale Straits and the Marmara Sea connecting the Black Sea to the Mediterranean Sea, are considered one of the most strategically significant waterways of the world.

Golden Ray salvage may take ‘possibly months’ to carry out. Michael Juliano. TradeWinds. 13 September 2019. Available from: https://www.tradewindsnews.com/casualties/golden-ray-salvage-may-take-possibly-months-to-carry-out/2-1-671988 The ship is holding 300,000 gallons of fuel oil, according to authorities.


SEAFARERS

Abandoned UAE sailors still owed more than Dh500,000 weeks after rescue. Nick Webster. The National (United Arab Emirates). 1 September 2019. Available from: https://www.thenational.ae/uae/abandoned-uae-sailors-still-owed-more-than-dh500-000-weeks-after-rescue-1.904988 The two seamen, from India, endured months of hardship on board the MV Tamim Aldar.

Heroic captain awarded for 75 years of outstanding service. Nusrat Ghani MP. UK Government. 3 September 2019. Available from: https://www.gov.uk/government/news/heroic-captain-awarded-for-75-years-of-outstanding-service A 93-year-old seafarer who began his nautical career in 1943 has been given the highest honour in shipping, Maritime Minister Nusrat Ghani has announced today (3 September 2019).


Tlero: The seafarer wellbeing checker. *Splash 247.com*. 4 September 2019. Available from: https://splash247.com/tlero-the-seafarer-wellbeing-checker/  Every year in the UK mental health costs around $1,574 per employee, according to analysis from London’s Centre for Mental Health, costs that are even higher for seafarers.


*Stena Impero*: Seafarers plight must not be forgotten. *Apostleship of the Sea* (AoS). 6 September 2019. Available from: https://www.apostleshipofthesea.org.uk/stena-impero-seafarers-plight-must-not-be-forgotten  Saturday 7th September marks 50 days since the crew of the *Stena Impero* were held against their will by Iran’s Islamic Revolution Guard Corps.


**Shell offering training courses to improve seafarer wellbeing.** Lucy Hine. *Trade Winds.* 12 September 2019. Available from: [https://www.tradewindsnews.com/tankers/shell-offering-training-courses-to-improve-seafarer-wellbeing/2-1-670955](https://www.tradewindsnews.com/tankers/shell-offering-training-courses-to-improve-seafarer-wellbeing/2-1-670955) Energy major Shell is developing eight wellbeing training programmes for seafarers which it is making available to the industry as part of its drive to improve wellness and mental health across the industry.


**Seafarer as gender neutral term in maritime industry.** Dennis Gorecho. *Cebu Daily News (Philippines).* 17 September 2019. Available from: [https://cebudailynews.inquirer.net/258431/seafarer](https://cebudailynews.inquirer.net/258431/seafarer) In the recent decades, the word “seafarer” has replaced the word “seaman” in the male-dominated maritime industry.

**Kenya steps up effort to end slavery of seafarers.** *East African (Kenya).* 18 September 2019. Available from: [https://www.theeastafrican.co.ke/news/ea/Kenya-steps-up-effort-to-end-slavery-of-seafarers/4552908-5277600-ulk1kr/index.html](https://www.theeastafrican.co.ke/news/ea/Kenya-steps-up-effort-to-end-slavery-of-seafarers/4552908-5277600-ulk1kr/index.html) The Kenyan government has initiated a process to end maritime slavery by reviewing seafarers’ pay and working agreements which has not been done for almost three decades.


**Drewry: How big a threat are autonomous vessels to seafarer demand?** *Hellenic Shipping News.* 21 September 2019. Available from: [https://www.hellenicshippingnews.com/how-big-a-threat-are-autonomous-vessels-to-seafarer-demand/](https://www.hellenicshippingnews.com/how-big-a-threat-are-autonomous-vessels-to-seafarer-demand/) Vessel automation and digitisation will reduce future seafarer demand, but the medium-term impact is expected to be limited.
Russian hostages freed in Cameroon to come home on Monday - foreign ministry. TASS Russian News Agency. 22 September 2019. Available from: https://tass.com/politics/1079278 According to the Russian embassies in Cameroon and Germany, the sailors are in satisfactory condition, their health is not under threat.

The master’s responsibility. Nick Chubb. Splash 247.com. 24 September 2019. Available from: https://splash247.com/the-masters-responsibility/ With the rise of technology, the time has come, he argues, for people other than the ship’s captain to share the burden of responsibility that comes with the command of a vessel at sea.


India frames pathbreaking guidelines to push more women into becoming seafarers. P. Manoj. The Hindu (India). 26 September 2019. Available from: https://www.thehindubusinessline.com/economy/logistics/india-frames-pathbreaking-guidelines-to-push-more-women-into-becoming-seafarers/article29516513.ece A day before World Maritime Day (September 27) is celebrated throughout the globe, India’s maritime administration, the directorate general of shipping or DGS, has announced guidelines, the first of their kind, outlining measures to promote women seafarers by providing a conducive work atmosphere on-board ships.


SEARCH & RESCUE


HARDtalk: Sea Rescue Captain - Carola Rackete. BBC World Service. 4 September 2019. Available from: https://www.bbc.co.uk/programmes/w3csy9dq Will Carola Rackete’s actions encourage more people smuggling and more suffering?


Golden Ray cargo ship: US Coastguard saves trapped crew members. BBC News. 10 September 2019. Available from: https://www.bbc.co.uk/news/world/europe-49638943. The US Coast Guard has rescued four crew members who became trapped on Sunday when a cargo ship capsized off the coast of the state of Georgia.

Captain who broke Italy’s migrant ban says ready to rescue more people at sea, raps EU. Joan Faus and Luis Felipe Fernandez. Reuters. 10 September 2019. Available from: https://uk.reuters.com/article/uk-europe-migrants-rackete/captain-who-broke-italys-migrant-ban-says-ready-to-rescue-more-people-at-sea-raps-eu-idUKKCN1VV266. A German captain who defied Italy’s ban on boats bringing migrants ashore said on Tuesday she was determined to carry on rescuing migrants from the Mediterranean, even though her ship Sea-Watch 3 remains impounded in an Italian port.


SHIP RECYCLING

Oil fund’s watchdog inquires into Maersk’s Alang beaching. Niklas Krigslund. ShippingWatch. 3 September 2019. Available from: https://shippingwatch.com/secure/regulation/article11591234.ece Norway’s sovereign wealth fund has contacted Maersk as part of its critical zoom-in on beaching in Alang, Maersk confirms to ShippingWatch.

Accident on board Greek ship kills two and injures thirteen. NGO Shipbreaking Platform. 3 September 2019. Available from: https://www.shipbreakingplatform.org/accident-greek-ship-kills-two-injures-seventeen/ This is the toll of victims following yet another accident at the shipbreaking beach of Chattogram, Bangladesh.


Pension fund says beaching ban is a major risk to shipping. Niklas Krigslund. ShippingWatch. 6 September 2019. Available from: https://shippingwatch.com/secure/regulation/article11600184.ece KLP Asset Management warns shipping companies that external pressure might become so great that it leads to a beaching ban.


SHIPBUILDING & SHIPREPAIR


Prime Minister pledges to bring shipbuilding back to the UK. UK Government. 12 September 2019. Available from: https://www.gov.uk/government/news/prime-minister-pledges-to-bring-shipbuilding-back-to-the-uk PM will announce which company is the preferred bidder to design new Type 31 frigates to be built in the UK.


Ship is named with royal ceremony. *British Antarctic Survey (BAS)*. 26 September 2019. Available from: [https://www.bas.ac.uk/media-post/ship-is-named-with-royal-ceremony/](https://www.bas.ac.uk/media-post/ship-is-named-with-royal-ceremony/) The UK’s new polar research ship is formally named the *RRS Sir David Attenborough* today [Thursday 26 September] by the Duke and Duchess of Cambridge.

**SHIPPING**


SDG9: Plotting a course towards a sustainable shipping industry. Nicolas Parrot. *Business Green*. 2 September 2019. Available from: [https://www.businessgreen.com/bg/opinion/3081015/sdg9-plotting-a-course-towards-a-sustainable-shipping-industry](https://www.businessgreen.com/bg/opinion/3081015/sdg9-plotting-a-course-towards-a-sustainable-shipping-industry) BNP Paribas’ Nicolas Parrot warns the global shipping industry has just a few months to comply with new air quality rules - is the sector ready to navigate and finance a more sustainable future?
Maersk on ambitious CO2 plan: We risk burning our fingers without political action. Christian Carlsen and Simon Valeur. ShippingWatch. 2 September 2019. Available from: https://shippingwatch.com/secure/carriers/Container/article11590115.ece  Without political action, container line Maersk risks burning its fingers on its ambitious climate plan, according to head of sustainability strategy.


IMO 2020 starting to drive up bulk shipping costs. Bill Lehane and Firat Kayakiran. gCaptain. 2 September 2019. Available from: https://gcaptain.com/imo-2020-seen-starting-to-drive-up-bulk-shipping-costs/  The cost of shipping commodities by sea surged to the highest in almost nine years as vessel owners start taking carriers off hire to prepare them for sweeping new fuel rules.

UK tanker sector in the dark as “do or die” Brexit nears. Dale Wainwright. TradeWinds. 2 September 2019. Available from: https://www.tradewindsnews.com/tankers/uk-tanker-sector-in-the-dark-as-do-or-die-brexit-nears/2-1-664146  With Brexit less than 60 days away the potential impact on the tanker trade in North West Europe remains uncertain, according to a top UK shipbroker.

OECD predicts increase in new green maritime jobs. Tomas Kristiansen. ShippingWatch. 4 September 2019. Available from: https://shippingwatch.com/secure/suppliers/article11593985.ece  Climate mitigation could end up creating a lot of new jobs, writes the OECD in a report.


Monjasa completes first ship-to-ship supply of new 0.5% sulphur marine fuel. Monjasa Group. 5 September 2019. Available from: https://monjasa.com/news-archive/monjasa-completes-first-ship-to-ship-supply-of-new-0-5-sulphur-marine-fuel/  Years of preparation for the upcoming IMO 2020 regulations was condensed into Monjasa’s first ship-to-ship supply of the new bunker fuel with a maximum 0.5% sulphur content.

Euronav storing initial supply of IMO 2020-compliant fuel on board ULCC Oceania. Mike Schuler. gCaptain. 5 September 2019. Available from: https://gcaptain.com/euronav-storing-initial-supply-imo-2020-compliant-fuel-on-board-ulcc-oceania/  Belgian tanker owner Euronav says it has so far procured 420,000 metric tons of low sulphur fuel oil which is storing aboard one of its ultra large crude carriers in preparation of the IMO 2020 fuel regulations.

Seafarers: How these Forbes under 30 founders are innovating underwater. Alexandra Wilson. Forbes. 5 September 2019. Available from: https://www.forbes.com/sites/alexandrawilson1/2019/09/05/seafarers-how-these-forbes-under-30-founders-are-innovating-underwater-ocean-climate-change-pollution/  With 70% of the world covered in water, it’s no wonder young entrepreneurs are turning to the ocean as the next frontier for innovation.
China Maritime Safety Administration and Maritime and Port Authority of Singapore ink MOU to promote bilateral use and recognition of electronic certificates in shipping. Maritime and Port Authority of Singapore (MPA). 5 September 2019. Available from: https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/7c5bd100-98df-4a33-9d36-b7a5dd633c0f Dr Cao Desheng, Director General of the China Maritime Safety Administration (MSA) signed a Memorandum of Understanding (MOU) on Electronic Certificates with Ms Quah Ley Hoon, Chief Executive of the Maritime and Port Authority of Singapore (MPA) at the 11th China-Singapore Senior Officials’ Committee Meeting (SOCM) in Beijing, China today.


Stopford: Ship carbon output should be part of charter contract. Lucy Hine. TradeWinds. 9 September 2019. Available from: https://www.tradewindsnews.com/containerships/stopford-ship-carbon-output-should-be-part-of-charter-contract/2-1-668807 Shipowners should be able to explain how much carbon they are generating so their customers can be incentivised to choose the best vessels as the industry moves towards meeting the IMO’s 2050 emissions targets, according to veteran shipping economist Martin Stopford.


Shipping companies want global regulation of slow steaming. Tomas Kristiansen. ShippingWatch. 10 September 2019. Available from: https://shippingwatch.com/secure/carriers/article11606654.ece The IMO must implement global regulations pushing ships to sail slower, says Trafigura Global Head of Wet Freight Rasmus Bach Nielsen, among others.
Shipping’s carbon-neutral dream drifts further away, not closer. Anna Shiryaevskaya. *Bloomberg.* 10 September 2019. Available from: [https://www.bnnbloomberg.ca/shipping-s-carbon-neutral-dream-drifts-further-away-not-closer-1.1314147](https://www.bnnbloomberg.ca/shipping-s-carbon-neutral-dream-drifts-further-away-not-closer-1.1314147) Big ocean-going ships are not moving fast enough towards energy transition, contributing to rising emissions of carbon dioxide for the entire fleet and undermining efforts to make the industry carbon-neutral by the end of the century.


Encourage women to join maritime sector, DG Shipping urges industry. Lalatendu Mishra. The Hindu (India). 16 September 2019. Available from: https://www.thehindu.com/business/Industry/encourage-women-to-join-maritime-sector-dg-shipping-urges-industry/article29426724.ece The Directorate General of Shipping has asked the maritime sector, mainly the shipping industry, to recruit more women and provide them job opportunities in this vast sector.


Sea Ahead Interview – Have maritime startups finally reached a tipping point? John Konrad. gcaptain. 16 September 2019. Available from: https://gcaptain.com/sea-ahead-maritime-startup-interview/ I recently wrote a Boston Globe cover story about the maritime startup ecosystem and had the opportunity to sit down and talk with, Mark Huang, Managing Director of Sea-Ahead, a public benefit corporation in Boston that supports maritime startups at the intersection of innovation, sustainability, and the oceans.


How We Can Make Ports More Sustainable — And Why it Matters. Isabela Brown. *Columbia University (US).* 17 September 2019. Available from: https://blogs.ei.columbia.edu/2019/09/17/port-sustainability-index/ Take a look at the objects around you - the laptop or phone you are using to read this article, the clothes you are wearing, the glass of juice you may be drinking … almost all of these items likely arrived at your door in part by ship.

Study underlines LNG is the most commercially viable alternative fuel for shipping today. *Hellenic Shipping News.* 18 September 2019. Available from: https://www.hellenicshippingnews.com/study-underlines-lng-is-the-most-commercially-viable-alternative-fuel-for-shipping-today/ SEAlNG released the findings of a new alternative fuels study today, which finds that LNG is the most mature, scalable, and commercially viable alternative fuel currently available for the maritime industry.


NYK Conducts Japan’s First Carbon-neutral Voyage. *NYK Line.* 18 September 2019. Available from: https://www.nyk.com/english/news/2019/20190918_01.html NYK has become the first Japanese shipping company to realize a carbon-neutral voyage by offsetting 5,000 tons of carbon dioxide (CO2), equivalent to the CO2 emitted by NYK’s environmental flagship car carrier Aries Leader* during one voyage between Japan and the Middle East.

2020 sulphur cap to accelerate engine damage insurance claims. Michelle Wiese Bockmann. *Lloyd’s List.* 18 September 2019. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1129238/2020-sulphur-cap-to-accelerate-engine-damage-insurance-claims Untested but 2020-compliant lower-sulphur marine fuel oil with the capacity to damage ship engines will be introduced, boosting hull and machinery claims, the IUMI conference in Toronto has been warned.


**Transportation ministry encourages women to pursue maritime career.** *Antara News (Indonesia)*. 20 September 2019. Available from: https://en.antaranews.com/news/133206/transportation-ministry-encourages-women-to-pursue-maritime-career Indonesia’s Ministry of Transportation has been encouraging women to pursue a career in the maritime sector, and actively participate to actualize Indonesia as the global maritime fulcrum.

**UAE Maritime Week begins with focus on tech-driven industry.** Sajjad Ahmad. *Gulf Today (UAE)*. 22 September 2019. Available from: https://www.gulftoday.ae/business/2019/09/22/uae-maritime-week-begins-with-focus-on-tech-driven-industry Under the patronage of Sheikh Hamdan Bin Mohammed Bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council, the UAE Maritime Week 2019, the pioneering regional maritime event, kicked off on Sunday to provide a unified platform for all stakeholders to discuss how to build an innovative and knowledge- and technology-driven maritime industry in the 21st century.


**Maritime shipping’s moon-shot ambition announced at UN Climate Action Summit.** *Global Maritime Forum*. 23 September 2019. Available from: https://www.globalmaritimeforum.org/press/1561 The Getting to Zero Coalition will lead the push for shipping’s decarbonization with the mutual goal of having commercially viable zero emission vessels operating along deep sea trade routes by 2030. Getting to Zero 2030 Coalition 🌊


Interferry reaches for new heights around the world. Mike Corrigan. Cruise & Ferry. 25 September 2019. Available from: https://www.cruiseandferry.net/articles/interferry-reaches-for-new-heights-around-the-world When I took the helm at Interferry in April 2017, my brief from the board was to drive even greater growth of our networking and lobbying mission.

Hapag-Lloyd: Cutting CO2 in half by 2050 is a huge target in and of itself. Tomas Kristiansen. *ShippingWatch*. 25 September 2019. Available from: [https://shippingwatch.com/secure/carriers/Container/article11640860.ece](https://shippingwatch.com/secure/carriers/Container/article11640860.ece) The goal of cutting shipping’s CO2 emissions in half by 2050 as a minimum is ambitious and in and of itself represents a huge task for the international shipping sector, says Hapag-Lloyd.

**Cosco becomes ‘shipping’s Huawei’ as US sanctions over Iran boost tanker rates.**


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

About the cover

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