CURRENT AWARENESS BULLETIN

November 2017
About the MKC Current Awareness Bulletin (CAB)

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

The MKC Current Awareness Bulletin is published monthly and issues from the current and the past year are free to download from this page.

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

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

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IMO / UNITED NATIONS NEWS & EVENTS

WHAT’S NEW

IMO Secretary-General outlines challenges facing the Organization

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

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

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

International Maritime Prize for 2016 presented to Koji Sekimizu

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

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

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

Flame-defying maritime pilots recognized with IMO bravery accolade

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

Pilots Captain Michael G. McGee and Captain Michael C. Phillips, from Houston, United States, were recognized for their role in averting a major tragedy in September 2016. The ship they were piloting, the 247 meters-long tanker Aframax River, broke down in the Houston Ship Channel in the middle of the night and burst into flames after colliding with mooring dolphins. Full Story
IMO MEETINGS FOR 2017

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

IMO Council, 29th extraordinary session (23/11/2017 – 24/11/2017)

IMO PRESS BRIEFINGS

Cooperation for oil spill preparedness in west, central and southern Africa
Briefing: 31, November 17, 2017

Port State control regimes move to boost collaboration, harmonization and information sharing
Briefing: 30, November 6, 2017

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

IMO Awards Ceremony, 27 November 2017

IMO Assembly, 30th session, 27 November – 6 December 2017 (Opening address)

IMO NEWS MAGAZINE  (Autumn 2017)

IMO PUBLISHING  Just Published: 2017  November 2017 Newsletter
UNITED NATIONS NEWS

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


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


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


As the UN Climate Change Conference comes down to the last day and governments work to complete the final negotiation decisions, it's good to be reminded of the new wave of climate action that has been announced during COP23 from countries, cities, states, regions, business and civil society.


Briefing the Security Council Tuesday, top United Nations officials, including the Secretary-General and the head of the Organization's anti-crime office, underscored the international community's collective responsibility to stop criminals and terrorists from preying on vulnerable populations and migrants.


Expressing horror at news reports and videos showing African migrants in Libya allegedly being sold as slaves, United Nations Secretary-General António Guterres on Monday called on the authorities to urgently investigate the situation and bring the perpetrators to justice.

CASUALTIES

Incident Photos: Bulk Carrier GLORY AMSTERDAM Aground Off Germany.

Salvors are monitoring the 225-meter bulk carrier MV Glory Amsterdam which ran aground in the North Sea about 1.3 miles from the German island of Langeoog on Sunday night.


At 1108 on 5 December 2016 the high-speed passenger catamaran Typhoon Clipper and the workboat Alison collided adjacent to Tower Millennium Pier on the River Thames.


The Navy released Nov. 1, a report detailing the events and actions that led to the collision of USS Fitzgerald (DDG 62) and ACX Crystal off the coast of Japan June 17, and the collision of USS John S. McCain (DDG 56) and merchant vessel Alnic MC Aug. 21.

‘Glory Amsterdam’ freighter may remain stuck on German sandbar until Friday.

It may take until Friday to free the grounded freighter "Glory Amsterdam" from a sand bar near the North Sea island of Langeoog, German authorities said on Wednesday, but no holes or cracks are evident in the ship’s hull to trigger an oil leak.
Cargo ship with 10 crew sinks in Black Sea, coast guard reports. By Can Sezer. 


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


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


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

ENVIRONMENT

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


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

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

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

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

Construction of offshore wind turbine foundations is mostly done via pile driving using hydraulic hammers.


Mediterranean Shipping Company (MSC) has pledged to combat illegal wildlife trafficking after signing the Buckingham Palace Declaration at a ceremony in London with HRH Prince William, the Duke of Cambridge.


The ocean absorbs up to 30% of the annual emissions of anthropogenic CO2 to the atmosphere, helping to alleviate the impacts of climate change on our planet.


The German environment ministry is backing a “business-focused approach” to limiting greenhouse gas (GHG) emissions from shipping at an event held prior to the UN Convention on Climate Change (UNFCCC) next week.


It is very likely that 2017 will be one of the three hottest years on record, with many high-impact events including catastrophic hurricanes and floods, debilitating heatwaves and drought.


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


In a rapid follow up to the EU-hosted 2017 Our Ocean conference, and in the run-up to the COP23 Ocean Day in Bonn (11 November), the European Commission today launched a new EUR 14.5 million investment initiative to further promote sustainable blue growth across the EU.


Speaking at Oceans Action Day, at the COP23 UN Climate Conference in Bonn the Vice-President in charge of Climate Action and Environment at the European Investment Bank (EIB) has urged the global community to do more protect oceans and support the blue economy.

As global temperatures climb higher, Earth is approaching tipping points that threaten human security, warn scientists in a new statement to national representatives meeting in Bonn for the annual climate talks.

**Marine reserves are climate reserves: Mexico has the chance to protect its ocean and fight climate change.** By Callum Roberts, Marine Conservation Biologist and Professor, University of York. *Thomson Reuters Foundation*. 10 November 2017. Available from: http://news.trust.org/item/20171110114622-jl16u/

When world leaders adopted the Paris Agreement two years ago at the UNFCCC COP21, its text included a critical word that will help us to fight climate change: ocean.


As large ocean states, maritime matters are at the forefront of climate change discussions in the OECS and have been linked to every Sustainable Development Goal (SDG) given the significant role it plays in the daily lives of residents.


This year I was fortunate enough to be invited to deliver the keynote speech at the Ambition 1.5 degree C Summit at COP23 in Bonn.

**The environmental cost of free two-day shipping.** *University of California*. November 2017. Available from: https://www.universityofcalifornia.edu/climate-lab  

Follow conservation scientist and UCLA visiting researcher M. Sanjayan as he explores surprising ways to change how we think and act about climate change.


As corals worldwide find themselves besieged, Tubbataha Reef remains shockingly pristine.


The Global Ocean Science Report (GOSR) assesses for the first time the status and trends in ocean science capacity around the world.  Report 📊


A recent report shows rising CO2 levels in the atmosphere are about to make the world's oceans uninhabitable for many sea creatures, threatening entire ocean ecosystems.


The changing dynamics of society, coupled with new technologies, both in terms of digital solutions and industrial capabilities, are opening up a new maritime world.
Mexico creates vast new ocean reserve to protect 'Galapagos of North America'.

President Enrique Peña Nieto signs Revillagigedo National Park Decree

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

Community of states must develop climate protection strategy for maritime shipping

UfM meeting in Naples to focus on Blue Economy 29-30/11. By Paola del Vecchio.
ANSAm. 27 November 2017. Available from: http://www.ansamed.info/ansamed/en/news/sections/economics/2017/11/27/ufm-meeting-in-naples-to-focus-on-blue-economy-29-3011_6ff50c0-d0b3-4ee8-a761-e341d1c57f1.html "The aim of the Naples conference is to foster employment and investment and consolidate the community of the Blue Economy through the exchange of ideas and experiences for the sustainability and sustainable development of the Mediterranean Sea," ANSAmed was told in an interview with Deputy Secretary General for Water and the Environment for the Union for the Mediterranean (UfM), Miguel García-Herraiz.


26 November 2017. Available from: http://www.bbc.co.uk/programmes/w3csbwz7 In this first episode we cross the ocean from the Grand Banks to the tip of South Africa via Reykjavik in Iceland meeting those involved in fishing and working along the shores of the Atlantic.

The Compass: The Indian Ocean: Episode 2 of 4. BBC World Service. 29 November 2017. Available from: http://www.bbc.co.uk/programmes/w3csbwz8 Only now is deep sea exploration beginning in remote parts of the Indian Ocean to reveal what lies on the ocean floor, what treasures can be found that could be used for scientific and technological development.
ENVIRONMENTAL POLLUTION

Plastic pellets clean up along Durban coastline now fully underway: SAMSA. South African Maritime Safety Authority (SAMSA). 30 October 2017. Available from: https://blog.samsa.org.za/2017/10/30/plastic-pellets-clean-up-along-durban-coastline-now-fully-underway-samsa/ A massive, painstaking and possibly long term clean up of the coastline for miles north and south of Durban to rid it of very tiny pellets that have polluted the area since the blistering rainstorm of 10 October 2017 and which left the port city with a repair bill worth an estimated R600-million, is now fully underway.


How fatigue and incompetency led to oil spill at Ennore Coast. By SV Krishna Chaitanya. New Indian Express. 8 November 2017. Available from: http://www.newindianexpress.com/states/tamil-nadu/2017/nov/08/how-fatigue-and-incompetency-led-to-oil-spill-at-ennore-coast-1695201.html Nearly 11 months after two ships collided off the Ennore coast, some chilling facts have come to the fore as investigators concluded that it was a human error, fatigue of the pilots and incompetency of bridge teams of both ships that resulted in the accident.

We're not ready to respond to oil spills, Arctic delegates tell Transport Canada. By Beth Brown. Nunatsiaq News Online (Canada). 7 November 2017. Available from: http://www.nunatsiaqonline.ca/stories/article/65674were_not_ready_to_respond_to_oil_spills_arctic_delegates_tell_transpor/ Should an oil spill happen in the Canadian Arctic, many communities know they are the ones that will have to react first, but residents say they're not ready.


Good initiatives exist but more action needed to tackle marine plastics. International Union for Conservation of Nature (IUCN). 9 November 2017. Available from: https://www.iucn.org/news/europe/201711/good-initiatives-exist-more-action-needed-tackle-marine-plastics A new IUCN Europe report shows that a number of policy initiatives are already in place to protect our oceans from plastic pollution – however Europe can still do more to protect our oceans from plastics. National marine plastic litter policies in EU Member States
The Fight Against The Tiny Plastic Pellets Choking Our Oceans. By Tess Riley. *Huffington Post* (UK). 11 November 2017. Available from: [http://www.huffingtonpost.co.uk/entry/oceans-plastics-nurdles-pollution-wildlife_us_5a02def4e4b04e96f0c683c3](http://www.huffingtonpost.co.uk/entry/oceans-plastics-nurdles-pollution-wildlife_us_5a02def4e4b04e96f0c683c3) Plastic forks, disintegrating shopping bags, fragmented blocks of Styrofoam and a seemingly endless amount of drinking bottles are just a few examples of the debris swirling around the seas and washing up on our shores.

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


**HEALTH**


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


**HEALTH AND SAFETY**


IMO on target for April 2018 adoption of emissions reduction strategy.
By Andrew Spurrier. Fairplay. 31 October 2017. Available from: https://fairplay.ihs.com/safety-regulation/article/4293446/imo-on-target-for-april-2018-adoption-of-emissions-reduction-strategy European shipowners' body ECSA has said that it is pleased with the progress made on the drafting of a global shipping emissions strategy at last week's meeting of the International Maritime Organisation's (IMO's) working group on the reduction of greenhouse gases.

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

Here is the road map for the IMO's climate deal. By Katrine Grønvald Raun. ShippingWatch. 30 October 2017. Available from: http://shippingwatch.com/secure/carriers/article9988206.ece After last week's climate negotiations in the IMO, it has been decided that member states will reach agreement on shipping’s contribution to the obligations of the global Paris Climate Accord in six months.

So did, or did not, the IMO make any progress with the latest CO2 talks? By Craig Eason. Fathom News. 30 October 2017. Available from: http://www.fathom-news.com/not-imo-make-progress-latest-co2-talks A second meeting of the IMO's Intercessional Working Group targeted with shaping an initial greenhouse gas strategy for the Organisation has made progress, according to the IMO, with the International Chamber of Shipping and other shipowner associations are saying it is "broadly satisfied" with progress, while the lobby groups such as Seas at Risk and Transport and Environment saying the meeting failed to meet their expectations and call for more urgency.


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

ICS describes critical IMO report as “nonsense”. By Tomas Kristiansen. ShippingWatch. 6 November 2017. Available from: http://shippingwatch.com/carriers/article10005273.ece ShippingWatch has asked the International Chamber of Shipping (ICS) to respond in detail to the direct criticism aimed at the industry by the authors of the InfluenceMap report.

BIMCO responds to criticism from InfluenceMap. By Tomas Kristiansen. ShippingWatch. 7 November 2017. Available from: http://shippingwatch.com/secure/carriers/article10008886.ece

Yesterday, Monday, the International Chamber of Shipping (ICS) responded to the criticism of the role played by shipowners in international CO2 negotiations in the IMO and today, BIMCO presents its position, which includes a proposal for the IMO strategy.


The European Union will leave regulation of shipping's CO2 emissions to the IMO until 2023, after which date the EU will launch its own regulations if the IMO has not delivered.


EU governments and MEPs last night agreed that Europe should act on shipping emissions from 2023 if the International Maritime Organisation (IMO) fails to deliver effective global measures.


World Shipping Council, WSC, is the third of the major shipping associations that were criticized by InfluenceMap for working against efforts to settle climate rules at the IMO.


First Political Advisor to the Minister of Infrastructure and Public Utilities, Bakoa Kaltonga, who is also the Executive Chair for Maritime Affairs, made the remarks to thank the IMO auditors on behalf of the Minister for conducting such an audit within such a short period of time.


The upcoming International Maritime Organization (IMO) 2020 sulfur cap regulation will massively disrupt the shipping sector.


Compliance with the International Maritime Organization's more stringent bunker fuel requirements from 2020 could require more exports to balance supply as well as investment in sulfur plants, according to delegates at the World Refining Association conference in Athens Tuesday.


The International Maritime Organization (IMO) says the bunker industry must ensure the supply of High Sulfur Fuel Oil (HSFO) bunkers continues after a new 0.50% global sulfur cap on marine fuels comes into force in 2020.
Ships will be 'unseaworthy' if miss sulfur emission rule: IMO. By Libby George. Reuters. 16 November 2017. Available from: https://www.reuters.com/article/us-shipping-fuel-sulphur/ships-will-be-unseaworthy-if-miss-sulfur-emission-rule-imo-idUSKBN1DG1U8 Ships which do not meet cuts to the amount of sulfur they can burn in their engines risk being declared "unseaworthy", the International Maritime Organization (IMO) said on Thursday.

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

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

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

LAW AND POLICY

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

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


Transport Canada issues two more fines for not respecting the speed restriction in the Gulf of St. Lawrence. Government of Canada . 3 November 2017. Available from: http://www.goo.gl/69jDCe Transport Canada continues to take action to help ensure navigational safety and to protect the marine environment.


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

Illegal, Unreported, and Unregulated Fishing as a National Security Threat. By Gregory B.Poling and Conor Cronin. Center for Strategic & International Studies (CSIS) . 3 November 2017. Available from: https://www.csis.org/analysis/illegal-unreported-and-unregulated-fishing-national-security-threat This report examines the primary ways in which IUU fishing intersects with national security concerns, how government and nonstate actors are tackling the problem, and areas where more work must be done, including in the largely unregulated high seas beyond national jurisdiction. Report


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


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


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


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


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


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

West Africa loses $1.3 billion to illegal fishing yearly. By Oheneawaa Appiah. 
*Graphic Online (Ghana)*. 23 November 2017. Available from: 
The six member countries of the Fisheries Committee for West Central Gulf of Guinea (FCWC) namely; Ghana, Cote D'Ivoire, Nigeria, Liberia, Togo and Benin have been brought together under the West Africa Task Force (WATF) facilitated by the FCWC Secretariat and supported by a Technical Team to combat illegal fishing and related issues.

*Nunatsiaq News Online (Canada)*. 23 November 2017. Available from: 
http://www.nunatsiaqonline.ca/stories/article/65674nunavut_community_input_key_to_new_shipping_controls_new_report/ 
Add this to the long list of challenges faced by companies shipping in Canadian Arctic waters: the seabed near the western shore of Hudson Bay is getting shallower.

Arctic Corridors and Northern Voices: Governing marine transportation in the Canadian Arctic. By Natalie Carter, Jackie Dawson, Jenna Joyce, and Annika Ogilvie. 
*University of Ottawa (Canada)*. November 2017. Available from: 
https://ruor.uottawa.ca/bitstream/10393/36924/1/ARCTIC_CORRIDORS_ARVIAT_CARTER_online_2017.pdf 
Arctic ship traffic has increased by more than 75% since 2005.

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

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

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

https://maritime-executive.com/blog/the-same-old-bunker-contracts 
Bunker companies typically prefer to operate on a handshake, or they have their own terms and conditions, and shipowners rarely take the initiative in proposing their own contracts.

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

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


MARINE TECHNOLOGY


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


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


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

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


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


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


Rolls-Royce has opened the first in a series of ship intelligence experience spaces to show its customers, suppliers and partners how the latest digital solutions can transform the marine industry.


MOL President & CEO, Junichiro Ikeda today announced a joint success with Japan Radio Co., Ltd. and JSAT MOBILE Communications Inc. in building a network that shares data recorded in Voyage Data Recorder (VDR) by using Fleet Xpress provided by Inmarsat, a high-capacity, high-speed satellite telecommunication service.

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**MARITIME SAFETY**


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


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


Alarm fatigue occurs when a person is exposed to a large number of frequent alarms and becomes desensitised to them.
**Safety database seeks strong incident reporting.** By John Gallagher. *Fairplay.*

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


**Call for united front on cargo safety.** *Global Shippers’ Forum.* 28 November 2017. Available from: [https://globalshippersforum.com/media/call-for-united-front-on-cargo-safety/](https://globalshippersforum.com/media/call-for-united-front-on-cargo-safety/) Safety aspects of the way in which cargo is packed and transported in unit loads across the global supply chain continue to be the focus of opportunities for improvement.

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**MARITIME SECURITY**


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

**Four held after drugs attached to Maersk hull.** By Gary Dixon. *TradeWinds.* 1 November 2017. Available from: [http://www.tradewindsnews.com/liner/1375616/four-held-after-drugs-attached-to-maersk-hull](http://www.tradewindsnews.com/liner/1375616/four-held-after-drugs-attached-to-maersk-hull) Four men have been arrested in New Zealand after cocaine was brought in on a Maersk Line boxship by a crime syndicate.


Did the Maersk cyber attack reveal an industry dangerously unprepared? By Joe Baker. Ship-Technology.Com. 8 November 2017. Available from: http://www.ship-technology.com/features/maersk-cyber-attack-reveal-industry-dangerously-unprepared/ A recent survey by Futurenautics found that shipping companies are still largely unprotected from potential cyber attacks, even after the recent ransomware attack that left Maersk reeling.


Shipping should prepare for more cyber attacks, warns lawyer. By Jon Guy. Fairplay. 10 November 2017. Available from: https://fairplay.ihs.com/safety-regulation/article/4293886/shipping-should-prepare-for-more-cyber-attacks-warns-lawyer A leading maritime lawyer has warned the maritime sector it must brace itself for more cyber attacks as the industry struggles to implement protection.

Maritime Security is Top Topic as Freight and Tanker Shipping Executives Gather in London. Handy Shipping Guide. 10 November 2017. Available from: http://www.handyshippingguide.com/shipping-news/maritime-security-is-top-topic-as-freight-and-tanker-shipping-executives-gather-in-london-_8588 The topic was cyber security, and the event gave many of the great and good in the ocean shipping industry to hear and understand some pertinent, and frankly terrifying, information on a subject which has become the biggest risk to world trade imaginable.


"Shipping stands ready to face challenges posed by cybercrime" / INTERVIEW. By Alberto Ghiara. MedITelegraph (Italy). 16 November 2017. Available from: http://www.goo.gl/CuHBWy In recent years, cybercrime has increasingly targeted the transport sector, causing experts in the field to respond by honing their tool kits.


British shipping firm Clarkson reports cyber attack. By Rahul B. *Reuters*. 29 November 2017. Available from: https://uk.reuters.com/article/us-clarkson-cyber/british-shipping-firm-clarkson-reports-cyber-attack-idUKKBN1DT1K0 British shipping services provider Clarkson Plc said it was subject to a cyber security incident and warned that the person or persons behind the incident may release some data on Wednesday.
Clarkson PLC confirms that it was subject to a cybersecurity incident which involved unauthorised access to the Company’s computer systems.


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

MARITIME TRAINING

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


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


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


SA Agulhas Sets Sail for Antarctic with 20 Cadets. By Bob Whitehouse. 
Carrying its special cargo of 20 new cadet recruits, the SA Agulhas will set sail to Mauritius and Antarctica today, 24th November 2017, under the command of Captain Mike Barnes.

**MIGRANTS**

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

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

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

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

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

**Spain rescues 250 migrants in Mediterranean.** *The Local (Spain).* 12 November 2017. Available from: [https://www.thelocal.es/20171112/spain-rescues-250-migrants-in-mediterranean](https://www.thelocal.es/20171112/spain-rescues-250-migrants-in-mediterranean) "We saved 251 people from five improvised vessels all in the Alboran Sea," Spain's maritime safety authorities said on Twitter, referring to the westernmost portion of the Mediterranean Sea.
Mediterranean Migrant Arrivals Reach 157,020 in 2017; Deaths Reach 2,966.  
IOM, the UN Migration Agency, reports that 157,020 migrants and refugees entered Europe by sea in 2017 through 12 November, with about 75 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

New Study Concludes Europe's Mediterranean Border Remains 'World's Deadliest'.  
IOM, the UN Migration Agency’s Global Migration Data Analysis Centre (GMDAC), today (24/11) released a new report reviewing the evidence of Four Decades of Cross-Mediterranean Undocumented Migration to Europe and concludes that Europe’s Mediterranean border is "by far the world's deadliest."  
Four Decades of Cross-Mediterranean Undocumented Migration to Europe: A Review of the Evidence

Migrant crisis: Boat sinks off Libya, killing at least 31.  
They had been trying to cross the Mediterranean along with another boat.

Migrant Drownings Top 3,000 for 4th Straight Year, Despite Reduced Migrant Crossings of Mediterranean.  
The International Organization for Migration (IOM), the UN Migration Agency, is reporting that a grim weekend of death has resulted in the confirmation of at least 3,000 migrant or refugee deaths on Mediterranean Sea routes through 26 November 2017, marking the fourth consecutive year that IOM's Missing Migrants Project (MMP) has reported this total.

Skeletons found on 'ghost ship' washed up in Japan.  
Japanese authorities are trying to identify eight people whose partially skeletonised remains were found on a wooden boat that washed up on a beach.

The Global Compact for Migration: How Does Development Fit In? By Kathleen Newland.  
The links between global development and migration run deep, though only in recent years have their connections been a part of the global debate.
NAVIGATION AND COMMUNICATIONS

KVH Launches New High-speed Maritime Network on Intelsat Epic Satellites.  
KVH Industries, Inc., today announced the launch of its next-generation, advanced maritime broadband network, joined by service partner, Intelsat S.A. (NYSE: I).

The Maritime Safety Authority of Fiji has plans in place to introduce new International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) Region A standard beacons, says chief executive officer John Tunidau.

Research and training to improve safety of Arctic navigation. By Stephen Cousins.  
As climate change rapidly melts away the Arctic sea ice, a host of countries, including Canada, China, Iceland, Russia, and the United States, are making preparations to turn the region into a busy global shipping route.

A recent forecast of future trade suggests that by mid-21st century container ships could carry double the capacity of the largest present day ships.

The extensive seasonal melting of sea ice, reduction of multi-year ice and increase in first-year ice throughout the Arctic has generated an increase in maritime traffic.

Simple steps to improve cyber security on ECDIS. By Marcus Hand.  
The cyber security risks to ECDIS navigation systems, many of which run on old, and unsupported operating systems, are well known, and ABS director of cyber security Paul Walters offers some very simple advice on how to help keep them safe.

Government of Canada to improve local maritime situational awareness and reduce marine traffic congestion through the Oceans Protection Plan.  
As we mark the one-year anniversary of Canada’s $1.5 billion Oceans Protection Plan—the largest investment ever made to protect Canada’s coasts and waterways—the Government of Canada is pleased to announce that $63 million will be dedicated to two initiatives, Enhanced Maritime Situational Awareness and Anchorages.

Thuraya plans for future satellites and ship communications. By Martyn Wingrove.  
Thuraya Telecommunications is in the middle of a new stage of growth in maritime communications by setting up the infrastructure for a next generation of services.
In Depth: No Longer Sailing South? By Marnix Viergever. World Maritime News. 19 November 2017. Available from: http://worldmaritimene... The Suez Canal is still the most efficient route to transport large amounts of cargo between Asia and Europe - however, due to the melting of sea ice in Arctic regions, ships are able to sail faster from East Asia to Western Europe by taking the Northeast Passage.


**PIRACY**


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


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

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


**PORT STATE CONTROL**

Why Port State Control is like toothpaste. By Rod Johnson, former Port State Control Officer. *Splash 24/7.* 3 November 2017. Available from: [http://splash247.com/port-state-control-like-toothpaste/](http://splash247.com/port-state-control-like-toothpaste/) The UK approach to PSC has always been rooted in commons sense and delivered by seasoned mariners with the odd naval architect thrown in (some of them were very odd).


IMO eyes major port state control shake up. By Sam Chambers. *Splash 24/7.* 7 November 2017. Available from: [http://splash247.com/imo-eyes-major-port-state-control-shake-up/](http://splash247.com/imo-eyes-major-port-state-control-shake-up/) In a significant shake up for port state control regimes, the black, grey and whites lists could be sent to oblivion.


**PORTS AND HARBOURS**


Future green EU port project plan. *Port Strategy.* 30 October 2017. Available from: [http://www.portstrategy.com/news101/world/europe/future-port-project-planning-underway](http://www.portstrategy.com/news101/world/europe/future-port-project-planning-underway) Consulting firm Circle will manage the 'DocksTheFuture' project selected by INEA under the EU Horizon 2020 Programme within the 'Smart, green and integrated transport' challenge, which includes areas such as aviation, infrastructure, green vehicles and 'Blue Growth'.

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


NSC's [Nigeria’s Shippers Council] Hassan Bello Highlights The Need To Improve Port Infrastructure. *CNBC Africa.* 2 November 2017. Available from: https://www.cnbcafrika.com/videos/2017/11/02/nscs-hassan-bello-highlights-the-need-to-improve-port-infrastructure/ The need to have a flourishing maritime ecosystem cannot be over stated, as the blue economy in Africa is estimated to be worth about one trillion dollars per annum.


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

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


**RECYCLING OF SHIPS**


REGULATIONS


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

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

Technology in shipping: The impact of technological change on the shipping industry


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

**SALVAGE**

Salvage union calls for rethink on firefighting equipment. By Helen Kelly.
*Lloyd's List.* 15 November 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL1120016/Salvage-union-calls-for-rethink-on-firefighting-equipment The International Salvage Union has called for a rethink of firefighting equipment on board vessels following a spate of fires on roll-on-roll-off passenger ferries and large container ships.

**SEAFARERS**

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

Port state control enforcement of MLC can eradicate crew abandonment.
By Sam Chambers. *Splash 24/7.* 2 November 2017. Available from: http://splash247.com/port-state-control-enforcement-mlc-can-eradicate-crew-abandonment/ Australia’s firm handling of cases of crew abandonment has been highlighted as a method for other states to follow to eradicate the problem.

ISWAN and Trafigura Foundation’s new partnership to promote the welfare of seafarers worldwide. *International Seafarers’ Welfare and Assistance Network (ISWAN).* 1 November 2017. Available from: http://www.goo.gl/U2gtbG The Trafigura Foundation awards ISWAN a grant to improve its helpline and support dedicated emergency funds for seafarers experiencing difficult situations at sea.


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


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

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

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


**SEARCH AND RESCUE**


**SHIPBUILDING AND SHIPREPAIR**

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


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

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


CMA CGM's mega container ships to use GTT membrane fuel tanks. By Nick Savvides. *Fairplay.* 14 November 2017. Available from: https://fairplay.ihs.com/technology/article/4293976/cma-cgm%E2%80%99s-mega-container-ships-to-use-gtt-membrane-fuel-tanks MA CGM's new 22,000 teu vessels will have 18,000 m3 fuel tanks located beneath the accommodation block with the tanks set across the beam of the vessels, at 50 m in length, 27 m wide, and 30 m high.


ICS criticizes shipbuilding subsidies. By Søren Pico. *ShippingWatch.* 21 November 2017. Available from: http://shippingwatch.com/secure/carriers/article10043373.ece The shipping industry must be financially sustainable to be able to live up to the impending environmental requirements on CO2 emissions reductions, stresses ICS, criticizing the subsidies which support the construction of new vessels.

**Shipping Must Be Economically Sustainable If It Is To Deliver On Environmental Sustainability, ICS Tells OECD.** *International Chamber of Shipping (ICS).* 20 November 2017. Available from: http://www.ics-shipping.org/news/press-releases/2017/11/20/shipping-must-be-economically-sustainable-if-it-is-to-deliver-on-environmental-sustainability-ics-tells-oecd Addressing government trade negotiators in the OECD Working Party on Shipbuilding, at a workshop on 'green growth' in Paris today, the International Chamber of Shipping (ICS) asserted that the shipping industry could only be environmentally sustainable if it is economically sustainable too.

Analysis of selected measures promoting the construction and operations of greener ships. *Organisation for Economic Co-Operation and Development (OECD).* 2017. Available from: http://www.oecd.org/industry/ind/analysis-of-measures-promoting-greener-ships.pdf The shipbuilding and marine equipment industries are expected to play a large role in mitigating adverse impacts of shipping by focusing their research, development and production activities on the improvement of the environmental performance of ocean-going vessels, and by complying with national and international regulations.


A Perspective on the Chinese Shipbuilding Industry. By Priyanka Ann Saini. Sea News. 22 November 2017. Available from: http://seanews.co.uk/a-perspective-on-the-chinese-shipbuilding-industry/ For the revitalisation of China’s shipbuilding industry, enterprises not only need to upgrade their shipbuilding infrastructure and combat fierce competition in core technology but also gather financial support in key areas.

Shipbuilding forum stresses primacy of safety in new vessel designs. By Nick Savvides. Fairplay. 27 November 2017. Available from: https://fairplay.ihs.com/ship-construction/article/4294431/shipbuilding-forum-stresses-primacy-of-safety-in-new-vessel-designs The latest meeting of the Tripartite Shipbuilding Forum, which was hosted by the China Classification Society in Nantong, China, has taken aim at the Energy Efficiency Design Index (EEDI), with the forum emphasising the need to make safety the major concern over all others.

Sister ships: a builder’s biggest challenge. By Eva Grey. Ship-Technology.Com. 27 November 2017. Available from: http://www.ship-technology.com/features/sister-ships-builders-biggest-challenge/ No two ships are identical – and one of the toughest jobs for shipbuilders is to manage the construction of sister ships in an industry where change is the only constant and vessels’ design is becoming increasingly complex.


**SHIPPING**

The MAJ Turns 16! The Gleaner (Jamaica). 31 October 2017. Available from: http://jamaica-gleaner.com/article/shipping/20171031/mai-turns-16 The Maritime Authority of Jamaica (MAJ) is celebrating 16 years of service to Jamaica this year! Institutionalised by the Shipping Act of 1998, the MAJ is the implementing body for the conventions of the United Nation’s specialised agency for international shipping, the International Maritime Organization (IMO), of which Jamaica is a member state.

The day Wärtsilä’s billion-dollar market disappeared. By Katrine Grønvald Raun. ShippingWatch. 31 October 2017. Available from: http://shippingwatch.com/suppliers/article9989677.ece Wärtsilä Chief Executive Jaako Eskola probably remembers the first week of July this year more as the point when a promising billion dollar market disappeared into thin air than for the humid summer heat that had descended across North Europe.

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

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

Trident’s Larsson on mission to cut ship emissions. By Namrata Nadkarni. Fairplay. 1 November 2017. Available from: https://fairplay.ihs.com/safety-regulation/article/4293516/trident%E2%80%99s-larsson-on-mission-to-cut-ship-emissions With 2020 looming, when the International Maritime Organization’s (IMO’s) 0.5% global sulphur cap comes into force, the discussion of enforcing the emissions limit is heating up.


Shipping Must Act Sooner Rather Than Later to Mitigate Climate Risks and Seize the Opportunity of Decarbonisation. By Maurice Meehan, Director, Global Shipping Operations, Carbon War Room. Ship & Bunker. 3 November 2017. Available from: http://www.goo.gl/oo52UD We would hope that it is this entrepreneurial spirit is one that IMO and its working group will draw inspiration from in developing plans for emissions reduction and to set clear and ambitious targets and aligned with the 2-degree pathways required.


China Grows Belt and Road Business. Maritime Executive. 2 November 2017. Available from: https://www.maritime-executive.com/article/china-grows-belt-and-road-business Trade between China and countries along the Belt and Road reached a value of $786 billion in the first three quarters of this year, up 15 percent on the same period last year.
ClassNK releases updates to Good Maintenance Onboard Ships.
Leading classification society ClassNK has just released the latest version of Good Maintenance Onboard Ships (October, 2017). Good Maintenance on Board Ships

ICS calls for ban on fuels ahead of sulphur cap. By Anastassios Adamopoulos.
Lloyd's List. 2 November 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL112148/ICS-calls-for-ban-on-fuels-ahead-of-sulphur-cap. The International Chamber of Shipping has called for a ban on the bunker tank carriage of all fuels that do not comply with the incoming 2020 fuel 0.5% sulphur cap, a few months before global regulators begin work on a successful implementation plan.

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

"Violations of MLC 2006 do occur”, he warns, “and as long as they do, they damage everyone in our industry”.

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

More Efficient Ships? Technology, Not Witchcraft! By Calum Kennedy.
Clarksons Shipping Intelligence Network. 3 November 2017. Available from: https://sin.clarksons.net/features/details/49844. Just prior to Halloween, the UN announced that levels of CO2 in the atmosphere reached new record levels of 403 ppm in 2016.


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

Shipping unlikely to see widely accessible alternative fuels for 20-30 years.
By Wei Zhe Tan. Lloyd's List. 7 November 2017. Available from: https://lloydslist.maritimeintelligence.informa.com/LL112215/Shipping-unlikely-to-see-widely-accessible-alternative-fuels-for-2030-years. New alternative fuels are unlikely to be widely available to the global fleet for at least another 20-30 years to assist efforts to bring emissions levels down to zero, because shipping is already the most low-carbon form of commercial transportation, according to the International Chamber of Shipping.

ICS lashes out at 'unrealistic' Marshal Islands emission cut proposals.
By Sam Chambers. Splash 24/7. 8 November 2017. Available from: http://splash247.com/ics-lashes-unrealistic-marshall-islands-emission-cut-proposals/. The huge divergence on shipping CO2 emission promises spilled out onto social media this morning as the chief lobbyist for shipowners lashes out at one of the nations seeking the greatest and quickest emission targets.

Banks explore challenges decarbonisation poses to ship finance.


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


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

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

Top 30 container lines: European and Asian carriers square up to each other.
The number of truly global container lines continues to shrink, with some familiar names missing from the latest rankings.

Executive Summary

Germany supports the Marshall Islands in development of low-emission shipping.
The German Environment Minister Barbara Hendricks, the Marshallese Minister of Foreign Affairs John Silk and Environment Minister David Paul announced the project on the margins of the Climate Change Conference in Bonn.

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

The global sulphur-limit clock is ticking as shipowners mull their options.
Shipowners must take decisions on their fuel strategy in the light of new International Maritime Organization (IMO) regulations.

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

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

The revolution will be digitised. By Maurice Meehan, Director, Shipping Operations, Carbon War Room. Splash 24/7. 16 November 2017. Available from: http://splash247.com/revolution-will-digitised/ With the recent meeting of the IMO working group on GHG emissions, news out of COP23, and with GST North America coming up, the issue of shipping's decarbonisation pathway is one of intense discussion right now.

Ambition 1.5°C: Global Shipping’s Action Plan Summit – Moving Shipping to Cleaner Technology. MAN Diesel & Turbo. 16 November 2017. Available from: https://www.youtube.com/watch?v=UOCnIkULqE The 'Ambition 1.5°C: Global Shipping's Action Plan' summit took place on November 13th in Bonn, Germany.

International shipping industry takes significant action on decarbonization at UNFCCC COP23. Ambition 1.5°C Global Shipping's Action Plan. 15 November 2017. Available from: http://www.goo.gl/K1ph7Y A group of international shipping industry leaders have joined forces to drive the decarbonization agenda with a business-focused approach that pushes ahead of regulatory mechanisms at the 23rd session of the Conference of the Parties (COP 23) to the UN Convention on Climate Change (UNFCCC).

How The Shipping Industry Bullied Its Way Out Of Doing Anything To Fight Climate Change. By Alexander C. Kaufman. Huffington Post (UK). 15 November 2017. Available from: http://www.huffingtonpost.co.uk/entry/shipping-industry-emissions_us_5a0b69a0e4b0b17ffce0feaa Even as emissions from cargo vessels are surging, the industry is refusing to adhere to the Paris Agreement.


Bonn buoys shipping over CO2 emissions but Paris goals loom. By Adam Corbett. TradeWinds. 16 November 2017. Available from: http://www.tradewindsnews.com/casualties/1380643/bonn-buoys-shipping-over-co2-emissions-but-paris-goals-loom Shipping has got off to a flying start on reducing emissions compared with aviation, says the ICS' Simon Bennett, but it must now focus on meeting its commitments under the Paris Agreement.


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


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


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


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


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


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


It'll take through to 2021 before the supply/demand equilibrium becomes favourable for shipping, the world's most famous shipping analyst, Clarkson's Dr Martin Stopford told the Maritime CEO Forum in Hong Kong.


A world class Center of Excellence in Maritime and Ship Building (CEMS) is being set up by Ministry of Shipping in collaboration with Siemens and Indian Register of Shipping (IRS) under the Ministry’s flagship Sagarmala Programme.


Shipowners should embark on the journey into the new world of digitalised smart shipping with small and simple steps rather than wasting time and money on seeking potentially fruitless revolutionary business change, a leading industry figure has advised.
France to push LNG as shipping fuel - PM. By Jean-Baptiste Vey. Reuters. 21 November 2017. Available from: https://www.reuters.com/article/france-shipping-lng/france-to-push-lng-as-shipping-fuel-pm-idUSL8N1NR4PQ France will support the uptake of liquefied natural gas (LNG) as a cleaner fuel for ships by encouraging ports to develop the necessary infrastructure, its prime minister said on Tuesday.

Sergey Kukushkin: Large shipping companies come to the NSR. By Nadezhda Malysheva. Port News. 22 November 2017. Available from: http://portnews.ru/comments/2421/ Considerable growth of cargo shipping in the Arctic has been driven this year by the Northern Sea Route, where new routes for the export of Russian hydrocarbons begin.


"The shipping industry could be entirely reshaped within the next five to ten years". By Daniel Logan Berg-Munch. ShippingWatch. 24 November 2017. Available from: http://shippingwatch.com/carriers/article10055436.ece Carriers have discovered the risk of reduced demand going forward, chief analyst Christopher Rex tells ShippingWatch.


Tripartite Shipbuilding Forum agrees on major industry goals. By BIMCO, ICS, INTERTANKO, OCIMF, IACS, ASEF, and SeaEurope. Hellenic Shipping News. 27 November 2017. Available from: http://www.hellenicshippingnews.com/tripartite-shipbuilding-forum-agrees-on-major-industry-goals/ Carbon emissions, safety and cyber security were at the top of the agenda at the annual Tripartite Shipbuilding Forum which attracted more than 100 delegates.

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

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


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


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

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


**RESEARCH**


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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.