

INTERNATIONAL MARITIME ORGANIZATION

MARITIME KNOWLEDGE CENTRE (MKC) *“Sharing Maritime Knowledge”*

CURRENT AWARENESS BULLETIN

January 2018



www.imo.org
Maritime Knowledge Centre (MKC)
maritimeknowledgecentre@imo.org



About the MKC Current Awareness Bulletin (CAB)

The aim of the MKC Current Awareness Bulletin (CAB) is to provide a digest of news and publications focusing on 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 disseminated 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 *MKC Current Awareness Bulletin* (CAB) is compiled by the Maritime Knowledge Centre and is not an official IMO publication. Inclusion does not imply any endorsement by IMO.

CONTENTS

<u>IMO NEWS & EVENTS</u>	2
UNITED NATIONS	3
CASUALTIES.....	4
ENVIRONMENT	9
ENVIRONMENTAL POLLUTION	10
HEALTH & SAFETY	12
IMO	13
LAW & POLICY.....	13
MARINE TECHNOLOGY.....	21
MARITIME EDUCATION & TRAINING	23
MARITIME SAFETY	24
MARITIME SECURITY	25
MIGRANTS	27
NAVIGATION & COMMUNICATIONS.....	28
PIRACY.....	30
PORT STATE CONTROL.....	30
PORTS & HARBOURS.....	31
REGULATIONS	34
SALVAGE	35
SEAFARERS	35
SEARCH & RESCUE	36
SHIP RECYCLING	37
SHIPBUILDING & SHIPREPAIR	38
SHIPPING.....	39
RESEARCH.....	45

IMO NEWS & EVENTS

About World Maritime Day 2018

In 2018, IMO will celebrate 70 years since the Convention establishing the Organization was adopted. The World Maritime Day theme for the year is "**IMO 70: Our Heritage – Better Shipping for a Better Future**".

This provides the opportunity to take stock and look back, but also to look forward, addressing current and future challenges for maritime transport to maintain a continued and strengthened contribution towards sustainable growth for all. [Full Story](#)

[#IMO70](#) [World Maritime Day 2018 logos](#).

What's New during 2018

Programme of Meetings 2018

January 22-26, 2018 - Sub-Committee on Ship Design and Construction 5th session (SDC 5)

IMO PRESS BRIEFINGS

[Seafarer shore leave gets extra protection from 1 January 2018](#) Briefing: 01, January 1, 2018

RECENT SPEECHES BY IMO SECRETARY-GENERAL KITACK LIM

January 22-26, 2018 - Sub-Committee on Ship Design and Construction (SDC 5) ([Opening Address](#))

IMO NEWS MAGAZINE

IMO PUBLISHING [2018 Publications Catalogue](#)

UNITED NATIONS

UN readying training guidelines to help cabin crews identify, report human trafficking.

UN News Centre. 4 January 2018. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=58382> The United Nations is taking the global combat against human trafficking into the skies as the Organization's human rights office and its Montreal-based civil aviation agency begin putting the final touches on training guidelines that could help airline cabin crew spot possible victims.

OECD-UN forum on strengthening collection and use of migration data kicks off in Paris.

UN News Centre. 15 January 2018. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=58424> International organizations, policy experts, statisticians and civil society came together on Monday at a United Nations-supported forum in Paris to answer the global call for more accurate and timely information on migration flows and examine how improved data collection can feed into better policymaking.

At African Union Summit, Guterres lauds strong AU-UN partnership, outlines areas for more cooperation.

UN News Centre. 28 January 2018. Available from:

<http://www.un.org/apps/news/story.asp?NewsID=58496> Hailing the partnership between Africa and the United Nations as "solid, and grounded on sound principles of human rights and good governance," Secretary-General, Antonio Guterres told leaders gathered in Addis Ababa, Ethiopia, for the African Union Summit, that with Africa in the lead, "we can and will do more" to bolster successful cooperation throughout the continent.

CASUALTIES

Tanker damaged in oil platform collision. By Gary Dixon. *TradeWinds*. 2 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1405036/tanker-damaged-in-oil-platform-collision>
A John T Essberger tanker has been damaged in a collision with a North Sea production platform.

VIDEO: Philippines-flagged bulker collides with berth in Indonesian port. By Marcus Hand. *Seatrade Maritime News*. 2 January 2018. Available from: <http://www.seatrade-maritime.com/news/asia/video-phillippines-flagged-bulker-collides-with-berth-in-indonesian-port.html> 📺
The 39,481 dwt, 2017 built *Action Trader*, manage by Nisshin Shipping in Japan, was shown in a video colliding with the dolphin and breaking it as it came into berth at a sharp angle at the petrochemical terminal in the Port of Gresik.

Notice of order after fatal accident on Maersk Interceptor . *Petroleum Safety Authority (Norway)*. 4 January 2018. Available from: <http://www.psa.no/enforcement-notice-of-order-after-fatal-accident-on-maersk-interceptor-article13287-892.html> The PSA's investigation of the fatal accident of 7 December 2017 on Maersk Interceptor has identified serious shortcomings in systems and processes for materials handling.

Cruise Ship Strikes Pier in Freeport. *Maritime Executive*. 4 January 2018. Available from: <https://www.maritime-executive.com/article/cruise-ship-strikes-pier-in-freeport> 📺 On the afternoon of January 3, as the weather system that would become the Northeast "bomb cyclone" passed west of the Bahamas, the cruise ship *Grand Celebration* was torn free from her moorings at the port of Freeport by high wind and pushed up against a wharf

Updated: Iranian port authority and NITC investigate tanker blast. By Xiaolin Zeng. *Fairplay*. 8 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4295966/updated-iranian-port-authority-and-nitc-investigate-tanker-blast> Iran's Ports and Maritime Organization (PMO) has said it will conduct a joint investigation with the National Iranian Tanker Company (NITC) into the blast on one of the company's tankers that left 32 seafarers missing.

Rescue crews wrestle to tame China oil tanker fire; body of mariner found. *Reuters*. 8 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident-oil/rescue-crews-wrestle-to-tame-china-oil-tanker-fire-body-of-mariner-found-idUSKBN1EX00J> 📺 Rescue crews wrestled to bring a blaze on an Iranian oil tanker off China's east coast under control on Monday as fire raged for a second day following a collision with a grain ship, while the body of one of the 32 missing crew members was found on aboard.

Fears for stricken ship after crash. *Sky News*. 8 January 2018. Available from: <https://news.sky.com/video/oil-tanker-burns-near-chinese-coast-11200067> 📺 The oil tanker *Sanchi* hit a grain ship near the coast of China and crews have been trying to control both the fire and the oil.

Body of Iranian seaman found in East China coast. *Islamic Republic News Agency - IRNA (Iran)*. 9 January 2018. Available from: <http://www.irna.ir/en/News/82790415> The other 31 crew members may be caught in the tanker's engine room, Mohsen Bahrami, spokesman for the crisis committee following up the situation of the missing Iranian seamen, told reporters.

East China Sea oil tanker burns for third day as winds, high waves lash rescuers. By Josephine Mason and Yuna Park . *Reuters*. 9 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident-oil/east-china-sea-oil-tanker-burns-for-third-day-as-winds-high-waves-lash-rescuers-idUSKBN1EY0D8> Strong winds, high waves and toxic gases are hindering dozens of rescue boats struggling to locate missing sailors from a stricken oil tanker in the East China Sea and to extinguish a fire that has burned for the past three days on the ship.


NITC downplays *Sanchi* explosion risk. By Jonathan Boonzaier and Gary Dixon. *TradeWinds*. 9 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1408607/nitc-downplays-sanchi-explosion-risk> The National Iranian Tanker Co (NITC) is downplaying suggestions by Chinese authorities that the 164,000-dwt *Sanchi* (built 2008) is at risk of explosion or sinking.

Panama registry en route to *Sanchi* site. By Michael Angell. *TradeWinds*. 8 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1408547/panama-registry-en-route-to-sanchi-site> The Panamanian Maritime Authority says it has dispatched an investigator to the scene of a fatal casualty between a Panama-flagged Iranian tanker and a Chinese bulk carrier.

Majority of Auxiliary Engine Damage occurs due to human error warns The Swedish Club.

Swedish Club. 8 January 2018. Available from:

<https://www.swedishclub.com/main.php?mcid=1&mid=111&pid=50&newsid=2083>

A key finding is that 55% of casualties occur within only 10% of the time between overhaul (TBO), corresponding to the first 1,000 hours or so of operation after overhaul. [Auxiliary Engine Damage](#) 

More than 80 rescued, dozens missing in Mediterranean boat wreck. *The Local (Italy)*.

8 January 2018. Available from: <https://www.thelocal.it/20180108/mediterranean-migrant-boat-rescue>

An inflatable boat loaded with men, women and children left Garabulli, 50 kilometres east of Tripoli, on Friday night, but after eight or nine hours it began to deflate and take on water.

Iran rejects speculation on missing tanker crew. *Islamic Republic News Agency - IRNA (Iran)*.

10 January 2018. Available from: <http://www.irna.ir/en/News/82791505> Iran said on Wednesday it will not speculate on fate of the missing crew who are still not accounted for after an Iranian oil tanker collided with a cargo vessel near China shores Saturday night.

No negligence from China to douse fire of Iran tanker: Diplomat. *Islamic Republic News Agency - IRNA (Iran)*. 10 January 2018. Available from: <http://www.irna.ir/en/News/82791395> Iran's consul general in Shanghai rejected the claims that China has neglected to help tame the fire caused after the Iranian tanker collided with a Chinese freighter in East China coast.

Iranian President calls for action over 31 missing from tanker collision and fire. By Marcus Hand.

Seatrade Maritime News. 10 January 2018. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/iranian-president-calls-for-action-over-31-missing-from-tanker-collision-and-fire.html> The Iranian President Hassan Rouhani has ordered the mobilisation of national forces to speed up the search and rescue operation for 31 still missing from the NITC tanker *Sanchi*.

Explosion on Iranian oil tanker forces rescue team to retreat. By Josephine Mason and Yuna Park.

Reuters. 10 January 2018. Available from: <https://uk.reuters.com/article/us-china-shipping-accident-oil/explosion-on-iranian-oil-tanker-forces-rescue-team-to-retreat-idUKKBN1EZ03L> Rescue crews were forced to retreat from a stricken Iranian oil tanker in the East China Sea on Wednesday following an explosion on the ship as a fire raged for a fourth day after a dramatic collision.

China says no major oil spill after Iran tanker collision, South Korea says the fire could burn

for a month. *Straits Times*. 10 January 2018. Available from: <http://www.straitstimes.com/asia/east-asia/iranian-oil-tanker-in-east-china-sea-could-burn-for-a-month-skorean-official> Chinese authorities battling to prevent an environmental disaster after a collision between an Iranian tanker and a cargo ship said no major oil spill has been detected, but 31 sailors remained missing.

Tehran to invite six countries to help tame fire of Iranian tanker. *Islamic Republic News Agency - IRNA (Iran)*.

11 January 2018. Available from: <http://www.irna.ir/en/News/82792743> Iran is to invite six world countries to join the rescue operations underway in East China coast to extinguish the fire of the Iranian tanker and find the missing crew, an official announced here on Thursday.

Iran oil official in Shanghai to pursue fate of missing sailors. *Islamic Republic News Agency - IRNA (Iran)*.

11 January 2018. Available from: <http://www.irna.ir/en/News/82792581> Managing director of National Iranian Tanker Company (NITC) is currently in China's Shanghai Port to examine the situation of the missing Iranian seamen who have been trapped in a blazing tanker in the East China coast since January 6.

Iranian sailors stuck at blazing tanker likely alive: Iran diplomat. *Islamic Republic News Agency - IRNA (Iran)*.

11 January 2018. Available from: <http://www.irna.ir/en/News/82792493> Iranian seamen who got missing after an Iranian tanker collided with a Chinese freighter in the East China coast may still be alive, a senior consular official announced on Thursday.

Itopt allays fears on Sanchi oil spill. By Adam Corbett. *TradeWinds*. 10 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1410316/itopf-allays-fears-on-sanchi-oil-spill>
International Tanker Owner's Pollution Federation (Itopt) managing director Dr Karen Purnell has calmed fears of long standing environmental damage resulting from the *Sanchi* cargo spill.

Allianz: Asia is worst accident blackspot. By Gary Dixon. *TradeWinds*. 10 January 2018. Available from: <http://www.tradewindsnews.com/insurance/1409626/allianz-asia-is-worst-accident-blackspot>
Marine insurer Allianz Global Corporate & Specialty (AGCS) has revealed figures showing how East and South-east Asia has become the worst accident blackspot- something illustrated by the *Sanchi* tanker fire.

Iran calls for int'l assistance to contain tanker fire. *Islamic Republic News Agency - IRNA (Iran)*. 12 January 2018. Available from: <http://www.irna.ir/en/News/82793180> Deputy Iranian envoy to the International Maritime Organization (IMO) called for international cooperation to contain the fire on the Iranian oil tanker in the East China coast.

UPDATE: Sanchi 'keeps exploding'. By Gary Dixon. *TradeWinds*. 12 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1411255/update-sanchi-keeps-exploding> The stricken NITC suezmax *Sanchi* 'keeps exploding', according to Chinese state news agency Xinhua on Friday.

'Sanchi' and 'CF Crystal' collision: the human element strikes again? *SeaProf*. 12 January 2018. Available from: <http://seaprof.com/2018/01/12/sanchi-and-cf-crystal-collision-the-human-element-strikes-again/> In a world where the incidence of major maritime oil spills has diminished during the past decade into insignificance, the '*Sanchi*' collision that occurred at 8 pm local time on Saturday 6 January and about 160 n. miles east of Shanghai, provides a huge wake-up call to shipowners and their insurers.

Barcelona: Ferry Collides with Cruise Ship. *Maritime Executive*. 13 January 2018. Available from: <https://maritime-executive.com/article/barcelona-ferry-collides-with-cruise-ship> 📰 The *Grandi Navi Veloci* ferry *Fantastic* from Morocco drifted into the *Viking Star* cruise ship which was docked at Terminal B at around 2pm local time.

Hopes dashed as NITC tanker Sanchi sinks. By Xiaolin Zeng. *Fairplay*. 14 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4296246/hopes-dashed-as-nitc-tanker-sanchi-sinks>
Hopes of finding any surviving seafarers in the tanker *Sanchi* have ended as the vessel has finally sunk, after burning at sea for a week.

Iranian oil tanker sinks off China as official says no hope of survivors. *The Guardian*. 14 January 2018. Available from: <https://www.theguardian.com/world/2018/jan/14/iranian-oil-tanker-sinks-off-china-no-hope-of-survivors> Officials play down fears of environmental disaster after vessel carrying 136,000 tonnes of crude oil goes down off China.

Ayatollah Khamenei Expresses Condolences over Loss of Iranian Sailors. By Seyyed Ali Khamenei. *Tasnim News Agency (Iran)*. 15 January 2018. Available from: <https://www.tasnimnews.com/en/news/2018/01/15/1628083/ayatollah-khamenei-expresses-condolences-over-loss-of-iranian-sailors> Leader of the Islamic Revolution Ayatollah Seyed Ali Khamenei, issued a message on Sunday, expressing deep sorrow for the tragic and heartbreaking loss of crew members on an Iranian oil tanker.

Black smoke billows from tanker sinking site as worries grow over Japan EEZ sea damage. *Japan Times*. 15 January 2018. Available from: https://www.japantimes.co.jp/news/2018/01/15/asia-pacific/science-health-asia-pacific/oil-spill-fire-off-east-china-sea-seen-less-damaging-exxon-valdez/#.WlZgWa5I_b1 Black smoke was billowing from the East China Sea site where a burning Iranian oil tanker sank, Japanese authorities said Monday, as worries grow about damage to the marine ecosystem from the worst oil ship disaster in decades.

No survivors as Iranian tanker sinks engulfed in flames. *Channel News Asia*. 15 January 2018. Available from: <https://www.channelnewsasia.com/news/asiapacific/no-survivors-as-iranian-tanker-sinks-engulfed-in-flames-9860438> An Iranian oil tanker burst into flames from end to end and sank on Sunday (Jan 14), eight days after it caught fire following a collision with a cargo ship off China, state media said.

One Dead After Fire on Casino Shuttle Boat. *Maritime Executive*. 15 January 2018. Available from: <https://maritime-executive.com/article/one-dead-after-fire-on-casino-shuttle-boat> On Sunday, a shuttle boat carrying passengers to the *Tropical Breeze Casino* suffered an engine problem and caught fire, forcing about 50 passengers to jump into the water at Port Richey, Florida.

Oil Spill at Sea From Burned Ship off China Spreads 'Noticeably'. *Bloomberg*. 16 January 2018. Available from: <https://www.bloomberg.com/news/articles/2018-01-16/oil-spill-at-sea-from-burned-ship-off-china-spreads-noticeably> The oil slick caused by the stricken Iranian tanker in the East China Sea has spread "noticeably," raising the prospect for wider environmental damage from what could be the worst spill in decades.

Seven migrants die trying to reach Spain's Canary Islands. By Emma Pinedo. *Reuters*. 16 January 2018. Available from: <https://af.reuters.com/article/topNews/idAFKBN1F50KB-OZATP> Seven North African migrants died on Monday trying to reach Spain's Canary Islands from Morocco in a small inflatable boat, Spanish authorities said.

Video: burning Sanchi oil tanker sinks, leaves oil slicks. By Jamey Bergman. *Tanker Shipping & Trade*. 16 January 2018. Available from: http://www.tankershipping.com/news/view_video-burning-isanchii-oil-tanker-sinks-leaves-flaming-oil-slick_50446.htm The Shanghai Maritime Safety Administration reported the stricken tanker, *Sanchi*, suffered an explosion at about noon Sunday (14 January), according to China's Ministry of Transport website.

China sends surveillance ships to assess oil spill. *NHK World (Japan Broadcasting Corporation)*. 17 January 2018. Available from: https://www3.nhk.or.jp/nhkworld/en/news/20180119_05/ China's Agriculture Ministry has reportedly sent 2 surveillance ships to assess the environmental effects of an oil spill from an Iranian tanker that sank in Japan's exclusive economic zone.

Video captures moment MOL ethane carrier comes close to major disaster. By Sam Chambers. *Splash 24/7*. 18 January 2018. Available from: <http://splash247.com/video-captures-moment-mol-ethane-carrier-comes-close-major-disaster/> Mitsui OSK Line (MOL) is in trouble in Egypt where 11-month old fully laden ethane carrier *Ethane Opal* grounded and collided into a ferry berth off Port Said.

Fire onboard oil vessel off Gujarat coast, no oil spill reported. *The Hindu (India)*. 18 January 2018. Available from: <http://www.thehindubusinessline.com/news/national/fire-onboard-oil-vessel-off-gujarat-coast-no-oil-spill-reported/article10039031.ece> No oil spill has been reported from the diesel-laden merchant navy tanker that caught fire yesterday off the Gujarat coast, an official said today.

One crew member dies in Kandla oil tanker blaze. *Times of India*. 19 January 2018. Available from: <https://timesofindia.indiatimes.com/city/rajkot/one-crew-member-dies-in-kandla-oil-tanker-blaze/articleshow/62561448.cms> One crew member of *MT Genessa*, the oil tanker on which a huge fire broke out on Wednesday, died while another is said to be critical even as firefighting operations continued for the second day.

East China Sea oil slick triples in size along whale migration route. *South China Morning Post*. 22 January 2018. Available from: <http://www.scmp.com/news/china/policies-politics/article/2129985/east-china-sea-oil-slick-triples-size-along-whale> The spill from a sunken Iranian tanker off China's east coast has more than trebled in size, just over a week after the ship sank in a ball of flames.

Panama says sunken Iranian tanker had papers in order. By Elida Moreno. *Reuters*. 19 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident-panama/panama-says-sunken-iranian-tanker-had-papers-in-order-idUSKBN1F82FJ> The Iranian tanker that sank after a collision in the East China Sea, causing the worst oil ship disaster in years, had its paperwork in order, according an initial review by maritime authorities in Panama, whose flag it was sailing under.

China's undersea robots find hole in leaking tanker but next move unclear. *South China Morning Post*. 23 January 2018. Available from: <http://www.scmp.com/news/china/policies-politics/article/2130087/no-easy-fix-spewing-oil-tanker-chinas-east-coast> Recovery teams continue to search for a way to stop an Iranian tanker from spewing oil off China's east coast as the size of the slick continues to grow, a source in Shanghai's port authority says.

Itofp confirms bunker spill from *Sanchi*. By Adam Corbett. *TradeWinds*. 23 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1417726/itopf-confirms-bunker-spill-from-sanchi> The International Tanker Owner's Pollution Federation (Itofp) confirms it has detected bunker fuel among the spill from the sunken wreck of the 164,000-dwt tanker *Sanchi* (built 2008).

Oil spill disasters in the past 50 years. *Phys.Org*. 22 January 2018. Available from: <https://phys.org/news/2018-01-oil-disasters-years.html> Concerns are growing over an oil slick off China's east coast after an Iranian tanker, the *Sanchi*, exploded and sank a week ago following a collision at sea.

Why more people aren't talking about the Asian oil spill as big as Paris. *Canadian Broadcasting Corporation (CBC)*. 23 January 2018. Available from: <http://www.cbc.ca/radio/thecurrent/the-current-for-january-23-2018-1.4498738/why-more-people-aren-t-talking-about-the-asian-oil-spill-as-big-as-paris-1.4498741> It's an oil spill the size of Paris. But only now is the world's attention catching up with the vast scale of the disaster in the East China Sea - the largest tanker spill in decades.

Iran, Hong Kong, China, Panama agree to jointly probe tanker collision. *MEHR News Agency (Iran)*. 25 January 2018. Available from: <https://en.mehrnews.com/news/131609/Iran-Hong-Kong-China-Panama-agree-to-jointly-probe-tanker> The maritime authorities of China, Panama, Iran and Hong Kong on Thursday signed an agreement to jointly investigate a collision in the East China Sea that caused the worst oil ship disaster in decades, according to China's Ministry of Transport, reported Reuters.

'Impossible to estimate magnitude' of the *Sanchi* oil spill - Greenpeace. *Greenpeace International*. 24 January 2018. Available from: <http://www.greenpeace.org/international/en/press/releases/2017/Sanchi-tanker-oil-spill-update/> The Chinese State Oceanic Administration announced that oil from the sunken tanker *Sanchi* may now cover an area of 332km², much larger than previously reported [Greenpeace Asia *Sanchi* Accident Factsheet up to 15 January 2018](#)

Unique oil spill in East China Sea frustrates scientists. By Cally Carswell. *Nature*. 24 January 2018. Available from: <https://www.nature.com/articles/d41586-018-00976-9> When the Iranian oil tanker *Sanchi* collided with a cargo ship, caught fire and sank in the East China Sea in mid-January, an entirely new kind of maritime disaster was born.

Cargo vessel refloated after grounding off St. Thomas. By Eric Haun. *MarineLink.Com*. 24 January 2018. Available from: <https://www.marinelink.com/news/refloated-grounding433274> A 223-foot cargo vessel that ran aground Tuesday morning near Charlotte Amalie Harbor in St. Thomas, U.S. Virgin Islands has been refloated, according to local responders.

Crystal crew interrogation to kick off on Friday. *MEHR News Agency (Iran)*. 25 January 2018. Available from: <https://en.mehrnews.com/news/131606/Crystal-crew-interrogation-to-kick-off-on-Friday> An Iranian maritime official says that parallel with decoding of the black boxes of the *Sanchi* and the *Crystal*, which started on Wednesday, the crew of the *Crystal* will also get interrogated since Friday.

Focus on data recorders in *Sanchi* collision probe. By Wei Zhe Tan. *Lloyd's List*. 25 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120985> The so-called black boxes, or voyage data recorders, of the sunken tanker *Sanchi* and *CF Crystal*, the dry bulk carrier with which it collided, have been opened as maritime authorities seek to discover the cause of the incident.

Maritime accidents still alarming. *Vietnam News*. 30 January 2018. Available from: <http://vietnamnews.vn/society/422090/maritime-accidents-still-alarming.html#HLXhAzHM8EkTe5sD.97> The year 2017 led to an increasing number of maritime mishaps involving fishing and cargo ships in the seas around Viet Nam, highlighting the perils seafarers face.

Mongolian cargo ship sinks. *Maritime Executive*. 29 January 2018. Available from: <https://www.maritime-executive.com/article/mongolian-cargo-ship-sinks> Two crewmen have been rescued from a Mongolian cargo ship which sank off Wenzhou, China, on Sunday night.

Kiribati authorities confirm more than 80 on sunken ferry. *Maritime New Zealand*. 31 January 2018. Available from: <https://www.maritimenz.govt.nz/public/news/media-releases-2018/20180131a.asp> Seven survivors were rescued on January 28 and the search continues for a life raft that was launched from the sinking ferry.

Eight missing after cargoship sinks. By Gary Dixon. *TradeWinds*. 31 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1423319/eight-missing-after-cargoship-sinks> Chinese navy rescues two men from Mongolian vessel carrying sugar to Korea.

Avance Gas VLGC collides with Expedo tanker off South Korea. By Jason Jiang. *Splash 24/7*. 31 January 2018. Available from: <http://splash247.com/avance-gas-vlgc-collides-expedo-tanker-off-south-korea/> Norwegian gas ship owner Avance Gas has revealed that the company's 2015-built VLGC *Passat* was involved in a minor collision with 2005-built tanker *New Confidence* this morning at the outer anchorage in the area of Pyontaek, South Korea.

Sanchi: Get ready for the backlash. By David Osler. *Lloyd's List*. 30 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121048> In a world that operated on an ethical framework more rightly ordered than our own, coverage of the *Sanchi* sinking would be paying much more attention than it has done to the 32 seafarers who lost their lives in the most horrendous circumstances imaginable.

ENVIRONMENT

2017 was 3rd warmest year on record for U.S. *US National Oceanic and Atmospheric Administration (NOAA)*. 8 January 2018. Available from: <http://www.noaa.gov/news/2017-was-3rd-warmest-year-on-record-for-us> 2017 will be remembered as a year of extremes for the U.S. as floods, tornadoes, hurricanes, drought, fires and freezes claimed hundreds of lives and visited economic hardship upon the nation.

Underwater racket from ships in Hauraki Gulf affecting marine life. By Jamie Morton. *New Zealand Herald*. 10 January 2018. Available from: http://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=11972471 Think of being at a noisy cocktail party, where the din becomes so loud that it's difficult to hear what's going on around you, or even hold a conversation with someone near you.

The Arabian Gulf is more than just a water body, it is a living system that we need to preserve. By Razan Al Mubarak. *The National (United Arab Emirates)*. 10 January 2018. Available from: <https://www.thenational.ae/opinion/comment/the-arabian-gulf-is-more-than-just-a-water-body-it-is-a-living-system-that-we-need-to-preserve-1.694381> For the people of Abu Dhabi, the Arabian Gulf is much more than a body of water. It stirs memories of hardship and hope, when fishing and pearl diving were the main source of income and daily meals.

Fiji's Great Sea Reef nominated as Ramsar Site at start of International Year of the Reef. *United Nations Environment Programme (UNEP)*. 17 January 2018. Available from: <https://www.unenvironment.org/news-and-stories/press-release/fijis-great-sea-reef-nominated-ramsar-site-start-international-year> Over the last three decades, half of the planet's coral has died under rising water temperatures and ocean acidification.

WMO confirms 2017 among the three warmest years on record. *World Meteorological Organization (WMO)*. 18 January 2018. Available from: <https://public.wmo.int/en/media/press-release/wmo-confirms-2017-among-three-warmest-years-record> In a clear sign of continuing long-term climate change caused by increasing atmospheric concentrations of greenhouse gases, 2015, 2016 and 2017 have been confirmed as the three warmest years on record.

See how we're working to protect oceans and seas around the world. *United Nations Environment Programme (UNEP)*. 18 January 2018. Available from: <https://www.unenvironment.org/news-and-stories/video/see-how-were-working-protect-oceans-and-seas-around-world> 📺 UN Environment's Regional Seas Programme is working around the world to protect oceans and coastlines - and the communities that depend on them.

Seabed mining could destroy ecosystems. *University of Exeter (UK)*. 22 January 2018. Available from: https://www.exeter.ac.uk/news/featurednews/title_634085_en.html The deep sea (depths below 200m) covers about half of the Earth's surface and is home to a vast range of species

Press Conference: Friends of the Ocean. *World Economic Forum*. 25 January 2018. Available from: <https://www.weforum.org/events/world-economic-forum-annual-meeting-2018/sessions/a0W0X00000AePw8UAF> 📺 2018 will be a year of unprecedented action on the ocean. Building on the momentum of The Ocean Conference held at the United Nations in New York, June 2017, the Friends of Ocean Action will be launched.

The danger heavy fuel oil poses to the Arctic region. **By Priyanka Ann Saini.** *Sea News*. 29 January 2018. Available from: <http://seanews.co.uk/the-danger-heavy-fuel-oil-poses-to-the-arctic-region/> A year ago, there was a campaign that pushed for the ban of heavy fuel oil (HFO) in the Arctic Region.

ENVIRONMENTAL POLLUTION

Sanchi incident to dent tanker pollution record. **By Dale Wainwright.** *TradeWinds*. 8 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1407787/sanchi-incident-to-dent-tanker-pollution-record> The 164,000-dwt *Sanchi* (built 2008) collision with the 76,000-dwt *CF Crystal* (built 2011) 160 miles off Shanghai on Saturday.

Oil Burning on Tanker Off China Could Curb Sea-Spill Fallout. **By Heesu Lee, Serene Cheong, and Ann Koh.** *Bloomberg*. 9 January 2018. Available from: <https://www.bloomberg.com/news/articles/2018-01-09/oil-burning-on-tanker-off-china-seen-curb-sea-spill-fallout> The fire engulfing an Iranian tanker off China is being fuelled by the oil on board, a scenario seen reducing the amount of supply that may spill into the sea and cause widespread environmental damage.

Fishermen in Aceh complain of plastic waste at sea. *Antara News (Indonesia)*. 3 January 2018. Available from: <https://aceh.antaranews.com/berita/42565/fishermen-in-aceh-complain-of-plastic-waste-at-sea> The fishermen in Lhokseumawe, Aceh Province, have complained of plastic waste at sea that has affected the environment and also hindered their activities.

Iranian Oil Tanker Leaves 10-Mile Oil Slick, Clean-Up Operation Underway. *Tasnim News Agency (Iran)*. 15 January 2018. Available from: <https://www.tasnimnews.com/en/news/2018/01/15/1628493/iranian-oil-tanker-leaves-10-mile-oil-slick-clean-up-operation-underway> The burning Iranian oil tanker that sank in the East China Sea on Sunday in the worst oil ship disaster in decades has produced a 10-mile long oil slick as black smoke continued to billow from the site, Chinese media and Japanese authorities said on Monday.

Stricken tanker leaves large oil slick in East China Sea. **By Yuka Obayashi and Josephine Mason.** *Reuters*. 15 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident/stricken-tanker-leaves-large-oil-slick-in-east-china-sea-idUSKBN1F40GV> 📺 A stricken Iranian tanker that sank in the East China Sea on Sunday in the worst oil ship disaster in decades has produced a large oil slick, Chinese media and Japanese authorities said on Monday, as worries grew over damage to the marine ecosystem.

Sanchi oil spill contamination could take three months to reach mainland. *UK National Oceanography Centre (NOC)*. 12 January 2018. Available from: <http://noc.ac.uk/news/sanchi-oil-spill-contamination-could-take-three-months-reach-mainland> Water contaminated by the oil currently leaking into the ocean from the *Sanchi* tanker collision is likely to take at least three months to reach land, and if it does the Korean coast is the most likely location.

Sanchi's demise sparks environmental disaster. By Jason Jiang. *Splash* 24/7. 16 January 2018. Available from: <http://splash247.com/sanchis-demise-sparks-environmental-disaster/> 📰 The oil spill from NITC oil tanker *Sanchi* has spread significantly across the East China Sea with environmental groups now warning of a marine disaster.

Iranian oil tanker wreck produces two slicks in East China Sea: China. By Josephine Mason and Kiyoshi Takenaka. *Reuters*. 17 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident/iranian-oil-tanker-wreck-produces-two-slicks-in-east-china-sea-china-idUSKBN1F606Y> 📰 An Iranian oil tanker that sank in the East China Sea has left two oil slicks covering a combined 109 square km (42 square miles), the Chinese government said, as maritime police scoured for damage and prepared to explore the wreck.

Sunken *Sanchi* could be leaking fuel oil. By Cichen Shen. *Lloyd's List*. 17 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120876/Sunken-Sanchi-could-be-leaking-fuel-oil> There are fears that bunkers are leaking from the sunken tanker *Sanchi*'s fuel tanks after dark patches were seen on the water, coupled with a strong odour of oil.

Japan sees little chance of oil slick from sunk tanker reaching its coast. By Yuka Obayashi and Jane Chung. *Reuters*. 16 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident/japan-sees-little-chance-of-oil-slick-from-sunk-tanker-reaching-its-coast-idUSKBN1F50QS> 📰 Japan sees little chance of the oil spill from a stricken Iranian tanker that sank on Sunday in the East China Sea reaching its shores, an official at the nation's environment ministry said on Tuesday.

New solution for biofouling inspired by pitcher plants. By Vincent Wee. *Seatrade Maritime News*. 17 January 2018. Available from: <http://www.seatrade-maritime.com/news/asia/new-solution-for-biofouling.html> Inspired by the characteristics of pitcher plants, which inhabit rainforests and swamps, a team of chemistry researchers from the University of Sydney Nano Institute has developed nanostructured surface coatings that have anti-fouling properties without using any toxic components.

2017 Tanker Oil Spill Statistics: Positive downward trend continues. *International Tanker Owners Pollution Federation (ITOPF)*. 16 January 2018. Available from: <http://www.itopf.com/news-events/news/article/2017-tanker-oil-spill-statistics-positive-downward-trend-continues/> Statistics for oil spills from tankers for close to five decades show a progressive downward trend. [Oil Tanker Spill Statistics 2017](#) 📄


Moskito recovers 400 tonnes of oil from sunken ship in Singapore Straits. *Maritime Journal*. 16 January 2018. Available from: <http://www.maritimejournal.com/news101/pollution-control/moskito-recovers-400-tonnes-of-oil-from-sunken-ship-in-singapore-straits> A Moskito hot tap tool and oil recovery system from Norway's Miko Marine extracted 400 tonnes of heavy fuel oil from the tanks of the sunken general cargo vessel '*Thorco Cloud*' last year.

An invisible threat: How the *Sanchi* oil tanker environmental disaster unfolded [Infographic]. *South China Morning Post*. 18 January 2018. Available from: <http://multimedia.scmp.com/news/china/article/sanchi/index.html> After crashing, the burning *Sanchi* was dragged south by tidal currents, before sinking in the South China Sea.

Oil from sunken Iranian tanker diffusing in East China Sea . By Dominique Patton. *Reuters*. 18 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident/oil-from-sunken-iranian-tanker-diffusing-in-east-china-sea-idUSKBN1F7095> Oil from an Iranian tanker that sank in the East China Sea has diffused into four separate slicks, covering a combined area of just over 100 square kms (39 square miles), Chinese authorities said late on Wednesday.

Sunken tanker *Sanchi*: Four oil slicks seen, says China. *BBC News*. 18 January 2018. Available from: <http://www.bbc.co.uk/news/world-asia-china-42728251> China's Ministry of Transport had on Wednesday announced that a salvage team had located the vessel at a depth of 115m (377ft) and it was preparing to send underwater robots to explore the area.

China's Real Offshore Disaster. By Adam Minter. *Bloomberg*. 17 January 2018. Available from: <https://www.bloomberg.com/view/articles/2018-01-17/huge-oil-spill-isn-t-china-s-real-offshore-disaster>
Last Sunday's sinking of an Iranian oil tanker 180 miles off the coast of Shanghai certainly looks like an environmental disaster.

Minimising the transfer of invasive aquatic species. *UK P&I Club*. 18 January 2018. Available from: <https://www.ukpandi.com/knowledge-publications/article/press-release-minimising-the-transfer-of-invasive-aquatic-species-142041/> Madlene Wangrau discusses the issue of biofouling and how shipowners and crew can benefit by reducing its risk. [Legal Update](#) 

How Sanchi's spill could spread. *Reuters*. 26 January 2018. Available from: <https://uk.reuters.com/article/us-china-shipping-spill/how-sanchis-spill-could-spread-idUKKBN1FF1AK>
The worst tanker oil spill in decades is unfolding across hundreds of miles of the East China Sea after an Iranian oil tanker carrying more than 100,000 tonnes of toxic oil collided with a freighter and exploded, killing all 32 crew onboard. [Graphics](#)


How a remarkably weak chemical force costs marine industries billions. By Fiona McMillan. *Forbes*. 26 January 2018. Available from: <https://www.forbes.com/sites/fionamcmillan/2018/01/26/how-a-remarkably-weak-chemical-force-costs-marine-industries-billions/#29d913f86092> Big problems tend to start small, and true to this maxim, one the biggest problems in global shipping starts quite small indeed, with some remarkably weak forces at the atomic level.

Tankers suspected as Fujairah shores count cost of oil leak. By Roberta Pennington. *The National (United Arab Emirates)*. 27 January 2018. Available from: <https://www.thenational.ae/uae/tankers-suspected-as-fujairah-shores-count-cost-of-oil-leak-1.699217>
The shoreline along Aqah in Fujairah was tainted with black oil Saturday forcing swimmers and divers out of the water for a second day this weekend.

Nanowrinkles in the sea: How an experiment in Sydney Harbor could help reduce global CO2 emissions. By Fiona McMillan. *Forbes*. 29 January 2018. Available from: <https://www.forbes.com/sites/fionamcmillan/2018/01/29/nanowrinkles-in-the-sea-how-an-experiment-in-sydney-harbor-could-help-reduce-global-co2-emissions/> Swimming in waters frequented by bull sharks is not usually part of the job description for a nanotechnologist.

HEALTH & SAFETY

Carnival Triumph Fails CDC Inspection. *Maritime Executive*. 4 January 2018. Available from: <https://www.maritime-executive.com/article/carnival-triumph-fails-cdc-inspection> The cruise ship that earned the "poop cruise" moniker in 2013 has failed her sanitation inspection for the first time ever.

BSEE Issues Safety Alert Based on Inspection Pilot Findings. *US Bureau of Safety and Environmental Enforcement (BSEE)*. 5 January 2018. Available from: <https://www.bsee.gov/newsroom/latest-news/statements-and-releases/press-releases/bsee-issues-safety-alert-based-on> Recommendations to reduce risks related to gas release hazards were issued to the offshore oil and gas industry today. [Gas Release Hazards Identified by BSEE](#) 

46 fall sick on Royal Caribbean cruise ship that departed from Baltimore. By Brittany Britto and Colin Campbell. *Baltimore Sun (US)*. 11 January 2018. Available from: <http://www.baltimoresun.com/travel/bs-md-royal-caribbean-cruise-sick-20180111-story.html> A Royal Caribbean Cruises ship that departed from Baltimore on a nine-night trip earlier this year has had 46 reported cases of gastrointestinal illness on board, according to company spokesman Owen Torres.

China oil spill: warning over seafood contamination. By Jonathan Watts. *The Guardian*. 18 January 2018. Available from: <https://www.theguardian.com/world/2018/jan/18/oil-from-sunken-iranian-tanker-spreads-over-100-sq-km-of-east-china-sea> Consumers in Japan, China and South Korea should be wary of buying seafood until governments in the region have monitored and released details about the toxic impact of the *Sanchi* oil spill, scientists have warned.

Asbestos time bomb ticking for the Marine Industry. *Hellenic Shipping News*. 20 January 2018. Available from: <http://www.hellenicshippingnews.com/asbestos-time-bomb-ticking-for-the-marine-industry/>. The IMO should amend the SOLAS Regulation banning the use of asbestos and asbestos containing materials (ACM) in ships, says John Chillingworth, senior marine principal at Lucion Marine.

IMO

IMO 2020, a shipping regulation that may reshape global coal trade. By Alex Younevitich. *S&P Global Platts*. 10 January 2018. Available from: <http://blogs.platts.com/2018/01/10/imo2020-shipping-regulation-coal-trade/>. It is not uncommon for people in various commodity sectors to believe that their markets exist in some kind of a happy bubble, where only the obvious supply and demand forces or targeted regulations can make or ruin their day.

Bunker industry faces crunch point over IMO sulfur move. By Jack Jordan. *S&P Global Platts*. 16 January 2018. Available from: <https://www.platts.com/latest-news/shipping/london/bunker-industry-faces-crunch-point-over-imo-sulfur-26871064>. The global bunker industry looks set for a pivotal year in 2018 as buyers and sellers come under increasing pressure to decide how to respond to impending emissions limit cuts.

Sanchi collision could spark IMO review. By John Gallagher. *Fairplay*. 19 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4296471/sanchi-collision-could-spark-imo-review>. Increased focus on international regulations designed to reduce the risk of maritime accidents could result from the deadly collision involving the Panama-flagged tanker *Sanchi* and Hong Kong-flagged bulker CF Crystal.

Transparency International turns spotlight on IMO. By Anastassios Adamopoulos. *Lloyd's List*. 24 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120971/Transparency-International-turns-spotlight-on-IMO>. The International Maritime Organization's governance and accountability faces scrutiny ahead of the regulator's high-level decarbonisation meeting in April.

IMO transparency under scrutiny. By Jamey Bergman. *Tanker Shipping & Trade*. 29 January 2018. Available from: http://www.tankershipping.com/news/view,imo-transparency-under-scrutiny_50623.htm. Anti-corruption non-profit organisation Transparency International is undertaking an assessment of International Maritime Organisation (IMO) governance, transparency and accountability performance.

LAW & POLICY

Transport Canada issues another fine for non-respect of the speed restriction in the Gulf of St. Lawrence. *Government of Canada*. 29 December 2017. Available from: https://www.canada.ca/en/transport-canada/news/2017/12/transport_canadaissuesanotherfinefornon-respectofthespeedrestric0.html. A penalty of \$6,000 has been issued to the vessel Federal Cardinal for alleged non-compliance with a temporary mandatory vessel slowdown.

How a melting Arctic changes everything: Part III: The Economic Arctic. By Eric Roston. *Bloomberg*. 29 December 2017. Available from: <https://www.bloomberg.com/graphics/2017-arctic/the-economic-arctic/>. As the Arctic Circle's ice melts away, people of the High North feel their top-of-the-world economy heating up. [How a Melting Arctic Changes Everything: Part I: The Bare Arctic](#) [How a Melting Arctic Changes Everything: Part II: The Political Arctic](#)

Peterside vows to fight piracy. By Oluwakemi Dauda. *The Nation (Nigeria)*. 2 January 2018. Available from: <http://thenationonlineng.net/peterside-vows-fight-piracy/>. Nigerian Maritime Administration and Safety Agency (NIMASA) Director-General Dr Dakuku Peterside has vowed to fight piracy, develop human capacity, ensure safety of vessels and removal of wrecks and mitigate the effects of pollution.

Saving the Arctic. By David L. Phillips. *Huffington Post*. 3 January 2018. Available from: https://www.huffingtonpost.com/entry/saving-the-arctic_us_5a4d623ee4b0df0de8b06f46 With Finland, Sweden, Norway, Iceland, Greenland (under the Danish monarchy), Canada, Russia and the United States racing to capitalize, the Arctic can either be a zone of cooperation or a flash-point for competition and confrontation.

Marine Insurance And Arctic Risk. *Hellenic Shipping News*. 3 January 2018. Available from: <http://www.hellenicshippingnews.com/marine-insurance-and-arctic-risk/> The retreat of Arctic ice has opened new possibilities for tourism, resource exploration, development and marine transport.

Cocaine Seized from Tanzania-Flagged Ship. *World Maritime News*. 3 January 2018. Available from: <https://worldmaritimeneews.com/archives/239494/cocaine-seized-from-tanzania-flagged-ship/> Dutch naval forces have intercepted a Tanzania-flagged merchant vessel carrying 1,600 kilos of cocaine aboard.

104HK-flagged vessel seized in N Korea oil supply row carrying bunker fuel: trade sources. By Clarice Chiam, Wanda Wang, and Goh Shu Hui. *S&P Global Platts*. 3 January 2018. Available from: <https://www.platts.com/latest-news/shipping/singapore/hk-flagged-vessel-seized-in-n-korea-oil-supply-27903051> A Hong Kong-flagged vessel seized by South Korea for allegedly supplying oil to North Korea could have been carrying bunker fuel, industry sources said Wednesday.

This Is How to Sneak Oil Into North Korea. By Serene Cheong and Dan Murtaugh. *Bloomberg*. 4 January 2018. Available from: <https://www.bloomberg.com/news/articles/2018-01-03/shadowy-oil-trades-at-sea-outfox-efforts-to-rein-in-kim-jong-un> Donald Trump's desire to squeeze Kim Jong Un's regime risks being undermined by the furtive maneuvers of oil tankers at sea.

Palau registry says UN-blacklisted ship was under 'previous flag'. By Cichen Shen. *Lloyd's List*. 4 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120707/Palau-registry-says-UNblacklisted-ship-was-under-previous-flag> Palau International Ship Registry says reports that Billions 18 was flying its flag when the tanker vessel was blacklisted by the UN for trading with North Korea are "totally untrue".

Bangladesh is thinking big by thinking blue. By Pawan Patil. *World Bank*. 4 January 2018. Available from: <http://blogs.worldbank.org/endpovertyinsouthasia/bangladesh-thinking-big-thinking-blue> Maintaining and restoring ocean ecosystems – or 'ocean health' – is synonymous with growing 'ocean wealth,' according to a soon-to-be published report by the World Bank and European Union.

Cocaine found attached to Borealis boxship hull. By Gary Dixon. *TradeWinds*. 4 January 2018. Available from: <http://www.tradewindsnews.com/liner/1406722/cocaine-found-attached-to-borealis-boxship-hull> The Mexican navy has seized cocaine found in six suitcases attached to the hull of a Borealis Maritime-owned boxship.

Maritime 2018: Infrastructure Upgrade, Security, Funds Top Need. By Yusuf Babalola. *Leadership (Nigeria)*. 7 January 2018. Available from: <https://leadership.ng/2018/01/07/maritime-2018-infrastructure-upgrade-security-funds-top-need/> Expectations abound from the government and major players in the nation's maritime sector on the need to ensure efficient infrastructure development such as good access road, deployment of scanners at seaports among others as the year begins.

Industry Insight: Analysing the BIMCO Bunker Contract. By Ishaan Hemnani, CEO, BunkerEx. *Ship & Bunker*. 9 January 2018. Available from: <https://shipandbunker.com/news/world/610744-industry-insight-analysing-the-bimco-bunker-contract> As brokers, this is a question we are asked more and more as time goes on.

Detained Panama ship released. *The Hindu (India)*. 9 January 2018. Available from: <http://www.thehindu.com/news/cities/Kochi/detained-panama-ship-released/article22400066.ece> The foreign cargo ship reported to be involved in a collision with a fishing vessel off Kochi in June last and detained at the Kochi port was released on Monday by the Mercantile Marine Department (MMD).

Marine wildlife charities' worries over management plan. By Steffan Messenger. *BBC News*. 9 January 2018. Available from: <http://www.bbc.co.uk/news/uk-wales-42611115> A long-awaited plan for managing Wales' seas could have "significant negative consequences" for marine wildlife, environment groups have warned.

Belize bans offshore oil drilling to protect reef. By Donal Scully. *Splash 24/7*. 10 January 2018. Available from: <http://splash247.com/belize-bans-offshore-oil-drilling-protect-reef/> Just days after the US declared its intent to unshackle energy producers by opening up huge offshore swathes for oil drilling, the small Central American nation of Belize did the opposite - imposing a total moratorium on such drilling in its waters.

Johnson gets UK shipping brief. By Nick Savvides. *Fairplay*. 9 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4296056/johnson-gets-uk-shipping-brief> A cabinet reshuffle by UK Prime Minister Theresa May has included replacing John Hayes as the shipping minister with Jo Johnson, a Department for Transport spokesman confirmed on Tuesday 8 January.

Why 2018 global growth will be strong, and why there is still cause for concern, in 10 charts. By Carlos Arteta. *World Bank*. 9 January 2018. Available from: <https://blogs.worldbank.org/developmenttalk/why-2018-global-growth-will-be-strong-and-why-there-still-cause-concern-10-charts> Global growth accelerated to 3 percent in 2017, supported by a broad-based cyclical recovery encompassing more than half of the world's economies, and is expected to edge up to 3.1 percent in 2018.

China oil spill compensation claims face Iran payment snags. By Jonathan Saul. *Reuters*. 10 January 2018. Available from: <https://www.reuters.com/article/us-china-shipping-accident-compensation/china-oil-spill-compensation-claims-face-iran-payment-snags-idUSKBN1EZ28X> The reluctance of foreign banks to deal with Iran could complicate any compensation payments resulting from the collision last week of an Iranian oil tanker and a Chinese cargo ship, sources say.

Transport Canada introduces new Arctic Shipping Safety and Pollution Prevention Regulations. *Government of Canada*. 10 January 2018. Available from: https://www.canada.ca/en/transport-canada/news/2018/01/transport_canadaintroducesnewarcticshippingsafetyandpollutionpre.html To uphold the Government of Canada's high standards for marine shipping in the north, Transport Canada has introduced new Arctic Shipping Safety and Pollution Prevention Regulations.

Greece seizes Libya-bound ship carrying explosive materials. By Karolina Tagaris. *Reuters*. 10 January 2018. Available from: <https://www.reuters.com/article/us-greece-libya-ship/greece-seizes-libya-bound-ship-carrying-explosive-materials-idUSKBN1EZ27B> Greek authorities have seized a Tanzanian-flagged ship heading for Libya and carrying materials used to make explosives, the coastguard said on Wednesday.

Florida Removed from U.S. Offshore Drilling Plan. *Maritime Executive*. 10 January 2018. Available from: <https://www.maritime-executive.com/article/trump-administration-excludes-florida-from-offshore-drilling> Just days after the Trump administration announced a plan to open up to 90 percent of America's offshore waters to oil exploration, the Interior Department announced that it will withdraw areas off the coast of Florida from consideration.

Leaking *Sanchi* is test of China's gamble on oil spill compensation. By Jim Mulrenan. *TradeWinds*. 11 January 2018. Available from: <http://www.tradewindsnews.com/insurance/1408720/leaking-sanchi-is-test-of-chinas-gamble-on-oil-spill-compensation> China has been playing a high-stakes gamble on tanker pollution with dramatic images of the blazing suezmax *Sanchi* suggesting it may well have just lost this wager.

Repositioning NIMASA For Improved Maritime Safety. By Stephen Shekari. *Leadership (Nigeria)*. 11 January 2018. Available from: <https://leadership.ng/2018/01/11/repositioning-nimasa-improved-maritime-safety/> Following the approval of the board of the Nigerian Maritime Administration and Safety Agency on 26th August, 2016 by President Muhammadu Buhari, and its subsequent inauguration by the Hon Minister of Transportation, Rt. Hon. Chibuike Rotimi Amaechi, the board hit the ground running with the enunciation of top-notch policies and programmes aimed at revolutionizing the agency.

China's grand Silk Road plan hits \$14-billion pothole in Pakistan. *Economic Times (India).*

11 January 2018. Available from: <https://economictimes.indiatimes.com/news/defence/chinas-modern-silk-road-hits-political-financial-hurdles/articleshow/62453734.cms> China's plan for a modern Silk Road of railways, ports and other facilities linking Asia with Europe hit a \$14 billion pothole in Pakistan.

UN Environment and WHO agree to major collaboration on environmental health risks.

World Health Organization (WHO) 10 January 2018. Available from:

<http://www.who.int/mediacentre/news/releases/2018/environmental-health-collaboration/en/>

UN Environment and WHO have agreed a new, wide-ranging collaboration to accelerate action to curb environmental health risks that cause an estimated 12.6 million deaths a year.

Transport Canada lifts temporary speed restriction in the Gulf of St. Lawrence. *Government of Canada.*

11 January 2018. Available from: https://www.canada.ca/en/transport-canada/news/2018/01/transport_canadaliftstemporaryspeedrestrictioninthegulfofstlawre.html

The Government of Canada is committed to protecting marine mammals and the marine environment, and enhancing the safety of mariners, fishers, recreational boaters and all users of Canada's oceans and waterways.


Environmental group praises Canada's new Arctic shipping rules. *By Levon Sevunts.*

Radio Canada International (RCI). 12 January 2018. Available from:

<http://www.rcinet.ca/en/2018/01/12/arctic-shipping-regulations-oceans-north-canada/> 

Ocean conservancy advocates are welcoming the new safety and pollution prevention regulations for ships plying Canada's Arctic waters unveiled by the federal government earlier this week but are also urging Ottawa to expand its regulations to include the eventual phase-out of heavy fuel oil and address underwater noise pollution.

Crown gets green light to prosecute Greek shipping company in English Bay fuel spill.

Global News (Canada). 12 January 2018. Available from: <https://globalnews.ca/news/3963032/crown-gets-green-light-to-prosecute-greek-shipping-company-in-english-bay-fuel-spill/> 

A Greek shipping firm accused of operating a vessel that spilled thousands of litres of fuel into Vancouver's English Bay will be prosecuted regardless of whether it participates in the legal proceedings.

Sustainability efforts in PH maritime industry. *Manila Times.* 13 January 2018. Available from:

<http://www.manilatimes.net/sustainability-efforts-ph-maritime-industry/373988/> Sustainability in the Philippine maritime industry can be achieved if appropriate, synergized and productive steps are taken to promote the implementation of beneficial programs.

Fresh measures adopted to protect marine environment. *Ekathimerini (Greece).* 14 January 2018.

Available from: <http://www.ekathimerini.com/224890/article/ekathimerini/news/fresh-measures-adopted-to-protect-marine-environment> Four months after an oil spill from a sunken tanker hit the Athens Riviera, Greece's Environment Ministry has adopted a package of measures designed to protect the marine environment across the country more effectively.

Lack of uniform international legal framework will hinder the adoption of green technology.

By Conte Cicala. *Clyde & Co LLP.* 15 January 2018. Available from:

<https://www.clydeco.com/firm/news/view/lack-of-uniform-international-legal-framework-will-hinder-the-adoption-of-g> Over two thirds (68%) of global marine industry executives believe that a lack of uniform international environmental regulations will impede the adoption of green technologies in shipping, according to a new report from global law firm Clyde & Co and the Institute of Marine Engineering, Science & Technology (IMarEST), which surveyed 220 marine industry executives from across the world. [Technology in shipping: The impact of technological change on the shipping industry](#)

Canada updates Arctic shipping rules, but still allows cheap and dirty fuel. *By Jane George.*

Nunatsiaq News Online (Canada). 15 January 2018. Available from:

http://www.nunatsiaqonline.ca/stories/article/65674canada_updates_arctic_shipping_rules/ You won't find any mention of heavy fuel oil, or HFO, pollutants in the new Arctic Waters Pollution Prevention Act regulations that came into effect this past week.

Transport Canada issues another fine for non-respect of the speed restriction in the Gulf of St. Lawrence. *Government of Canada*. 15 January 2018. Available from: https://www.canada.ca/en/transport-canada/news/2018/01/transport_canadaissuesanotherfineforon-respectofthespeedrestric.html. A penalty of \$6,000 has been issued to the vessel *Mississauga Express* for alleged non-compliance while a temporary mandatory speed restriction was in effect.

Unmanned Ships: Complexity in Jurisdictions. By Allan McDougall, Chief Learning Officer, IAMSP and Executive VP, Knowledge Advancement Solutions. *Maritime Executive*. 15 January 2018. Available from: <https://www.maritime-executive.com/article/unmanned-ships-complexity-in-jurisdictions>. In this fifth segment dealing with autonomous shipping, we step back from the fully autonomous ship (i.e. one directed solely by electronics and with no human inputs) to those that are directed remotely.

Heavy Fuel Oil & EU Vote on Ocean Governance. *Hellenic Shipping News*. 16 January 2018. Available from: <http://www.hellenicshippingnews.com/heavy-fuel-oil-eu-vote-on-ocean-governance/>. Commenting ahead of Tuesday's European Parliament plenary vote on international ocean governance, relating to the 2030 Sustainable Development Goals, Dr Sian Prior, lead advisor to the Clean Arctic Alliance, said...

Promoting the Canadian Arctic remains a challenge. By Alex Binkley. *Fairplay*. 16 January 2018. Available from: <https://fairplay.ihs.com/commerce/article/4296111/promoting-the-canadian-arctic-remains-a-challenge>. While the number of ice-free days during the summer may be increasing, the Northwest Passage (NWP) remains mainly an attractive destination rather than a reliable commercial shipping route, according to Tom Paterson, senior vice-president of Arctic shipping and projects for the Montréal-based shipping line Fednav.

Seychelles to co-host major conference on resilient ocean economies. *Seychelles Nation*. 16 January 2018. Available from: <http://www.nation.sc/article.html?id=257312>. Sustainable Oceans/Blue economies provide an integrated approach to address those issues, incorporating sustainable wealth creation in the area of fisheries, tourism, energy, transport, trade and marine biotechnology as well as jobs, food security and the protection of the ocean environment.


After Tanker's Sinking, Debate Over Response Begins. *Maritime Executive*. 16 January 2018. Available from: <https://www.maritime-executive.com/article/diplomatic-acrimony-follows-tanker-s-sinking>. In the wake of the burning and sinking of the Iranian tanker *Sanchi* last week, tensions have arisen over the responsibility for the disaster and the adequacy of the response that followed.

European Commission takes aim at useless plastic stuff. *Seas at Risk*. 16 January 2018. Available from: <http://www.seas-at-risk.org/17-marine-litter/828-european-commission-takes-aim-at-useless-plastic-stuff.html>. Today in a huge win for the marine environment, the European Commission has committed to legislate against single-use plastic items in the new Strategy on Plastic in the Circular Economy.

BP's \$60 Billion Gulf Spill Tab Rises as Lawsuits Wind Down. By Amanda Jordan and Kelly Gilblom. *Bloomberg*. 16 January 2018. Available from: <https://www.bloomberg.com/news/articles/2018-01-16/bp-takes-1-7-billion-charge-on-deepwater-horizon-claims-closure>. BP Plc raised the amount it will pay this year for the *Deepwater Horizon* accident as thousands of lawsuits related to the biggest oil spill in U.S. history start to wind down.

High level meeting & joint exercises between Indian and Japan Coast Guards. *Government of India*. 16 January 2018. Available from: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=175657>. A High Level Meeting between Indian Coast Guard (ICG) and Japan Coast Guard (JCG) was held at Coast Guard Headquarters, New Delhi on January 15, 2018 under the provisions of the Memorandum of Cooperation (MoC) signed between the two agencies in 2006.

Former Fitzgerald, McCain COs Face Negligent Homicide, Dereliction of Duty Charges Over Fatal Collisions. By Sam LaGrone. *US Naval Institute News*. 17 January 2018. Available from: <https://news.usni.org/2018/01/16/former-fitzgerald-mccain-cos-face-negligent-homicide-dereliction-duty-charges-fatal-collisions>. The commanders of the two guided-missile destroyers that were involved in fatal collisions with merchant ships in 2017 will face military criminal charges that include dereliction of duty, hazarding a vessel and negligent homicide, USNI News has learned.

The Global Risks Report 2018. *World Economic Forum*. 17 January 2018. Available from: <https://www.weforum.org/reports/the-global-risks-report-2018> Each year the Global Risks Report works with experts and decision-makers across the world to identify and analyze the most pressing risks that we face. [Full Report](#) 

Gard evolves from insuring sailing ships to autonomous ships. *Hellenic Shipping News*. 18 January 2018. Available from: <http://www.hellenicshippingnews.com/gard-evolves-from-insuring-sailing-ships-to-autonomous-ships/> Gard's creation in 1907 was a rejection of 'new' technology as the association was formed by shipowners who rejected steam ships and wanted a Club dedicated only to sailing ships.

Developing Nigeria's maritime sector. By Solomon Epele. *The Nation (Nigeria)*. 18 January 2018. Available from: <http://thenationonlineng.net/developing-nigerias-maritime-sector/> A major development capable of increasing the capacity of indigenous ship owners and other stakeholders in the maritime sector took root some days back at the NNPC Towers in Abuja.

Lawsuit Filed to Save North Atlantic Right Whales From Death in Fishing Gear. *Center for Biological Diversity*. 18 January 2018. Available from: http://www.biologicaldiversity.org/news/press_releases/2018/north-atlantic-right-whale-01-18-2018.php Conservation and animal-protection groups today sued the National Marine Fisheries Service for failing to prevent critically endangered North Atlantic right whales from becoming ensnared by lobster trap lines and other commercial fishing gear.

Most vessels obeyed emergency Gulf speed limit to protect endangered whales. *National Post (Canada)*. 19 January 2018. Available from: <http://nationalpost.com/pmnl/news-pmn/canada-news-pmn/most-vessels-obeyed-emergency-gulf-speed-limit-to-protect-endangered-whales> Almost 90 per cent of the ships that passed through the Gulf of St. Lawrence over the last five months complied with an emergency speed limit to help protect the whales that plied those same waterways - and the department will reimpose the limit immediately if the whales return this year.

Govt eyes maritime sanity. By Bernard Lugongo. *Daily News (Tanzania)*. 19 January 2018. Available from: <https://www.dailynews.co.tz/index.php/home-news/55451-govt-eyes-maritime-sanity> The government has resorted to review and verify all vessels with Tanzanian registration, including doing due diligence on those applying for the registration to avert possible crimes by Tanzanian flagged ships.

Global Maritime Human Rights Reporting Platform Launched. *Maritime Executive*. 21 January 2018. Available from: <https://www.maritime-executive.com/corporate/global-maritime-human-rights-reporting-platform-launched> Human Rights at Sea is pleased to announce a new and unique partnership with the Business and Human Rights Resource Centre (BHRRC) through the launching of the new global platform for recording cases of maritime human rights abuses.

Why sinking ships is not good for Indonesia. By Johannes Nugroho. *Jakarta Globe*. 23 January 2018. Available from: <http://jakartaglobe.id/opinion/johannes-nugroho-sinking-ships-not-good-indonesia/> Late last year Fisheries and Maritime Affairs Minister Susi Pudjiastuti came under fire for her insistence on continuing her policy of sinking vessels impounded for illegal fishing activities in Indonesian waters.

EUCAP Somalia organises third Workshop on Maritime Law and Crime in Puntland. *EUCAP Somalia*. 23 January 2018. Available from: <https://www.eucap-som.eu/eucap-somalia-organises-third-workshop-maritime-law-crime-puntland/> On January 21-23, EUCAP Somalia organised a Workshop on Maritime Law and Crime in Garowe, the capital of the Puntland State of Somalia.

Japan tells UN of North Korean tanker suspected of sanctions busting. By Elaine Lies and Kiyoshi Takenaka. *Reuters*. 24 January 2018. Available from: <http://news.trust.org/item/20180124124159-5nxm7/> Japan has told the United Nations about a North Korean tanker spotted in the East China Sea that it suspects was engaged in a transfer of goods with another tanker in defiance of U.N. sanctions, the Foreign Ministry said on Wednesday.

U.S. adds more North Korean vessels to sanctions list. *Maritime Executive*. 24 January 2018. Available from: <https://www.maritime-executive.com/article/u-s-adds-more-north-korean-vessels-to-sanctions-list> On Wednesday, the U.S. Treasury announced new sanctions on nine entities and six vessels for involvement in financing North Korea's nuclear weapons program.

Breaching global sulfur regulations could cost insurance. By **Katrine Grønvald Raun.** *ShippingWatch*. 25 January 2018. Available from: <https://shippingwatch.com/secure/carriers/article10242014.ece> It is time to take action and take a stance, global insurance broker Marsh tells shipowners, which must comply with the global sulfur regulations in 2020, where vessels may not sail on fuel with sulfur content exceeding 0.5 percent.

Scotland's ports - when legal issues rise to the surface. By **Duncan MacLean.** *Herald Scotland*. 25 January 2018. Available from: http://www.heraldscotland.com/business_hq/15897091.SPECIAL_REPORT/ Decommissioning of oil rigs occupies the headlines from time to time with opportunities of potential economic benefit for Scottish ports, recycling contractors and Scotland as these former revenue generating assets reach the end of their working lives.

Oil Tanker Moratorium Act not a Moratorium on all oil tankers. By **Erica Gies.** *Hakai Magazine*. 25 January 2018. Available from: <https://www.hakaimagazine.com/news/oil-tanker-moratorium-act-not-a-moratorium-on-all-oil-tankers/> Fifteen months ago, an American articulated tug and barge ran aground near Bella Bella, British Columbia, in Heiltsuk Nation territorial waters.

Marine professionals call for jailed *Costa Concordia* master's case to be reviewed. By **Michael Grey.** *Lloyd's List*. 25 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120956> A group of marine professionals have signed an open letter to the Italian maritime and judicial authorities seeking a pardon for Francesco Schettino, the former master of the *Costa Concordia*, the cruiseship that capsized after grounding in the Mediterranean, leading to the loss of 32 lives.

China publishes white paper on Arctic policy. *Government of China*. 26 January 2018. Available from: http://english.gov.cn/news/top_news/2018/01/26/content_281476026128818.htm China published a white paper on its Arctic policy, pledging to seize opportunities and face challenges in the region together with all concerned parties on Jan 26. [China's Arctic Policy](#)

China faces a challenge proving polar strategy is viable and safe. By **Richard Meade.** *Lloyd's List*. 26 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121025/China-faces-a-challenge-proving-polar-strategy-is-viable-and-safe> China's Arctic ambitions are nothing new - it has been jostling for position alongside Russia, the US, Canada and a host of national vested interests for years through a combination of direct and indirect investment.

Iranian oil tanker disaster highlights Northeast Asia's faultlines. By **Tom Corben.** *The Diplomat*. 26 January 2018. Available from: <https://thediplomat.com/2018/01/iranian-oil-tanker-disaster-highlights-northeast-asias-faultlines/> Without substantial revisions to multilateral regimes, the Sanchi environmental crisis will not be the last of its kind

UN Environment and WTO launch dialogue on healthier environments through trade. *United Nations Environment Programme (UNEP)*. 26 January 2018. Available from: <https://www.unenvironment.org/news-and-stories/press-release/un-environment-and-wto-launch-dialogue-healthier-environments> UN Environment Executive Director Erik Solheim and World Trade Organization Director-General Roberto Azevêdo announced today that their organizations would join forces to launch a new dialogue on promoting innovative ways of using trade to generate greater opportunities to strengthen our economies and our environments at the same time.

Eye on China, India and ASEAN shake hands on maritime cooperation. By **Shubhajit Roy.** *Indian Express (India)*. 26 January 2018. Available from: <http://indianexpress.com/article/india/eye-on-china-india-and-asean-shake-hands-on-maritime-cooperation-narendra-modi-delhi-declaration-5039675/> Prime Minister Narendra Modi and the 10 visiting leaders from the Association of South East Asian Nations (ASEAN) have agreed to set up a mechanism on maritime cooperation to counter the common "traditional" and "non-traditional" challenges they face.

Detained supply ship *Malaviya* sets sail from Aberdeen. *BBC News*. 27 January 2018. Available from: <http://www.bbc.co.uk/news/uk-scotland-north-east-orkney-shetland-42847615> The *Malaviya Seven* was seized under shipping regulations in June 2016, and again in October that year.

Protecting the blue. *Nature Climate Change*. 29 January 2018. Available from: <https://www.nature.com/articles/s41558-018-0080-6> Oceans and coasts hold a certain attraction for people, with populations clustered on coasts.

Can landlocked countries develop a blue economy? By Eva Grey. *Ship-Technology.Com*. 29 January 2018. Available from: <http://www.ship-technology.com/features/can-landlocked-countries-develop-blue-economy/> A United Nations report recently revealed that poor maritime connectivity continues to keep smaller and weaker economies from reaching world markets.

China stakes its claim to the Arctic. By Marc Lanteigne and Mingming Shi. *The Diplomat*. 29 January 2018. Available from: <https://thediplomat.com/2018/01/china-stakes-its-claim-to-the-arctic/> After a long period of speculation, the government of China released its first White Paper on the Arctic.

DMPT reaffirms the importance of data for securing and facilitating the cross-border e-business environment. *World Customs Organization*. 30 January 2018. Available from: <http://www.wcoomd.org/fr/media/newsroom/2018/january/dmpt-reaffirms-the-importance-of-data.aspx> The Data Model Projects Team (DMPT) met from 22 to 26 January 2018 at WCO Headquarters in Brussels.

EUCAP organises fourth Maritime Legislation workshop in Hargeisa, Somaliland. *EUCAP Somalia*. 30 January 2018. Available from: <https://www.eucap-som.eu/eucap-organises-fourth-maritime-legislation-workshop-hargeisa-somaliland/> In cooperation with the Somaliland Attorney General Office (AGO) and under the umbrella of the Counter Piracy Coordination Office, EUCAP organized and funded the fourth round of a Maritime Legal workshop in Hargeisa, Somaliland from January 28-30.

Whale expert lauds ships that complied with speed limit in Gulf of St. Lawrence. By Bobbi-Jean MacKinnon. *Canadian Broadcasting Corporation (CBC)*. 30 January 2018. Available from: <http://www.cbc.ca/news/canada/new-brunswick/right-whales-speed-limit-gulf-st-lawrence-1.4504882> As Transport Canada investigates the final 78 alleged violations of a speed limit imposed last summer to protect North Atlantic right whales in the Gulf of St. Lawrence and reviews the fines, one whale expert is lauding mariners for their efforts to comply.

Sustained fight against maritime crimes. *This Day (Nigeria)*. 30 January 2018. Available from: <https://www.thisdaylive.com/index.php/2018/01/30/sustained-fight-against-maritime-crimes/> It is no secret that the industrial scale at which Nigeria keeps losing its scarce oil resources to crude oil theft and pipeline vandalism is alarming.

These are China's top 10 keywords for the Arctic. By Atle Staalesen. *Independent Barents Observer (Norway)*. 30 January 2018. Available from: <https://thebarentsobserver.com/en/arctic/2018/01/these-are-chinas-top-keywords-arctic> The country's new Arctic policy document mentions the word «research» 41 times, «cooperation» 46 times and «climate» - 26 times. Meanwhile, «oil» is mentioned only six times. Russia is referred to twice, while «military» is not mentioned at all.

ICS and BIMCO urge caution over sulphur cap violations. By Anastassios Adamopoulos. *Lloyd's List*. 30 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1121056/ICS-and-BIMCO-urge-caution-over-sulphur-cap-violations> Leading industry associations are urging Denmark to tread carefully when implementing a proposal to name and shame shipping companies that violate its sulphur cap.

MARINE TECHNOLOGY

Digitalization in 2018 – The Data Floodgates are Open. By Ilmo Kuutii, President, NAPA Group.

Maritime Executive. 7 January 2018. Available from: <https://www.maritime-executive.com/blog/digitalization-in-2018-the-data-floodgates-are-open> Most pieces looking at the year ahead will tend to say that we're on the cusp of something – on the edge of a breakthrough that makes the upcoming year more exciting than the last.

Industry Insight: Viability of Scrubbers for Different Type of Vessels. Ship & Bunker.

10 January 2018. Available from: <https://shipandbunker.com/news/world/173331-industry-insight-viability-of-scrubbers-for-different-type-of-vessels> Only if the vessel is on a short-term charter (less than 6 months) will the scrubber not be in the best interest for the charterer, but it will still be in the best interest for the owner who can get better charter rates.

Digitalization of BOURBON's vessel operations: Strategic partnership with Bureau Veritas.

BOURBON. 11 January 2018. Available from: <http://www.bourbonoffshore.com/en/digitalization-bourbons-vessel-operations-strategic-partnership-bureau-veritas> BOURBON and Bureau Veritas have signed a strategic partnership agreement to develop and deploy automation and real time monitoring fleet applications, developing digital technologies, while mitigating cyber risks.

Maersk and IBM to form joint venture applying blockchain to improve global trade and digitise supply chains. *Maersk*. 16 January 2018. Available from: <https://www.maersk.com/press/press-release-archive/maersk-and-ibm-to-form-joint-venture> The aim of the new company will be to offer a jointly developed global trade digitization platform built on open standards and designed for use by the entire global shipping ecosystem.

BIMCO launches new innovative contract editing solution: SmartCon. By Casper Broustbo.

BIMCO. 18 January 2018. Available from: https://www.bimco.org/news/bimco/20180118_smartcon "SmartCon is a brand-new approach to contract editing, we believe that it will significantly ease the work life of our current users and will attract new users to BIMCO's contract universe" says Grant Hunter, Head of Contracts and Clauses at BIMCO.

How blockchain is strengthening tuna traceability to combat illegal fishing. By Candice Visser and Quentin Hanich. *The Conversation*. 21 January 2018. Available from: <https://theconversation.com/how-blockchain-is-strengthening-tuna-traceability-to-combat-illegal-fishing-89965> In a significant development for global fisheries, blockchain technology is now being used to improve tuna traceability to help stop illegal and unsustainable fishing practices in the Pacific Islands tuna industry.

Sealntel: The success of Maersk and IBM depends on industry participation. By Ole Andersen.

ShippingWatch. 22 January 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10231128.ece> The new joint venture between Maersk and IBM depends completely on participation from industry peers.

Coast Guard remarks on autonomous vessels at the Transportation Research Board Annual Meeting. US Coast Guard Maritime Commons.

22 January 2018. Available from: <http://mariners.coastguard.dodlive.mil/2018/01/22/1-22-2018-coast-guard-remarks-on-autonomous-vessels-at-the-transportation-research-board-annual-meeting/> Capt. Benjamin Hawkins, chief of the Office of Design and Engineering Standards, participated in the panel session "Autonomous Vessel Operations and Potential Implications for Safety" during the 97th Annual Transportation Safety Board meeting in Washington, DC, Jan. 7-11, 2018.

Drones in the deep: new applications for maritime UAVs. By Heidi Vella. Ship-Technology.Com.

23 January 2018. Available from: <https://www.ship-technology.com/features/drones-deep-new-applications-maritime-uavs/> In September 2017, an online portal called Drone Major Group (DMG) was launched to support and grow the use of unmanned aerial vehicles, or drones, and other autonomous vehicles.

BWMS manufacturers battle challenges. *Passenger Ship Technology*. 23 January 2018. Available from: http://www.passengership.info/news/view,bwms-manufacturers-battle-challenges_50548.htm Type-approvals required in the US and by IMO for ballast water management systems (BWMSs) discourages innovation and improvement, said a leading BWMS manufacturer.

Unmanned surface vessel reduces cost of pipelay project. **By David Foxwell.** *Marine Electronics & Communications*. 25 January 2018. Available from: http://www.marinemec.com/news/view,unmanned-surface-vessel-reduces-cost-of-pipelay-project_50575.htm An autonomous surface vessel has been used for the first time on a pipelay project, monitoring touchdown from the pipelay vessel *Seven Antares*.

Scrubbers are not the perfect solution - for the Arctic or anywhere. **By Sian Prior.** *Ship & Bunker*. 26 January 2018. Available from: <https://shipandbunker.com/news/world/646262> With 2020 cap on the sulphur content of marine fuel oil looming on the horizon, the global shipping industry is starting to show signs of action and in many cases anxiety.

Entrenched attitudes versus technology adoption. **By Jason Jiang.** *Splash 24/7*. 29 January 2018. Available from: <http://splash247.com/entrenched-attitudes-versus-technology-adoption/> Technology has always been the driving force promoting the development of various sectors in human life and businesses.

Rolls-Royce opens autonomous ship research and development centre in Finland. *Rolls-Royce*. 25 January 2018. Available from: <https://www.rolls-royce.com/media/press-releases/yr-2018/25-01-2018-rr-opens-autonomous-ship-research-and-development-centre-in-finland.aspx> Rolls-Royce has opened a state-of-the-art research facility in Turku, Finland, to develop the technologies Rolls-Royce and its partners require to shape the future of an increasingly more autonomous global shipping industry.

China plans first lab on ocean oil spill cleaning: media. *Reuters*. 29 January 2018. Available from: <https://www.reuters.com/article/us-china-environment-spill/china-plans-first-lab-on-ocean-oil-spill-cleaning-media-idUSKBN1F18F> China's Ministry of Transport is planning to establish a laboratory specializing in treating oil spills at sea, the first of its kind in the country, local media Science and Technology Daily reported on Sunday.

The digital evolution of South Africa's shipping industry. **By Dean Workman.** *IT News Africa*. 30 January 2018. Available from: <http://www.itnewsafrika.com/2018/01/the-digital-evolution-of-south-africas-shipping-industry/> As South Africa's maritime and shipping industry continues to benefit from technological interconnectivity, the sector is on the brink of a true digital evolution - but requires dynamic changes to be made to its policies.

Dutch maritime group to launch first autonomous vessel by 2019. **By Andrew Spurrier.** *Fairplay*. 30 January 2018. Available from: <https://fairplay.ihs.com/commerce/article/4296956/dutch-maritime-group-to-launch-first-autonomous-vessel-by-2019> The Netherlands has no intention of falling behind when it comes to developing autonomous shipping.

Liberty Maritime: a real world experience of digitalisation in shipping. **By Barry Parker.** *Seatrade Maritime News*. 31 January 2018. Available from: <http://www.seatrade-maritime.com/news/americas/liberty-maritime-the-world-experience-of-digitalisation-in-shipping.html> Josh Shapiro coo of Liberty Maritime/Liberty Global Logistics cut through the buzzwords associated with the digitalization of shipping to explain the real benefits the company is seeing from the process.

MARITIME EDUCATION & TRAINING

Pathfinder inaugurates Centre for the Law of the Sea. *Daily Mirror (Sri Lanka)*. 3 January 2018. Available from: <http://www.dailymirror.lk/article/Pathfinder-inaugurates-Centre-for-the-Law-of-the-Sea-143257.html>. The Pathfinder Foundation commenced the new year by inaugurating its Centre for the Law of the Sea (CLS) at 'Riverpoint', Peliyagoda.

9 Experts Discuss the Skills Seafarers Need in the Future. By Lili Nguyen. *Knect365 Maritime*. 5 January 2018. Available from: <https://knect365.com/maritime/article/c17e1ac8-6e3a-4e33-855c-5adbb3bad9aa/9-experts-discuss-the-skills-seafarers-need-in-the-future> 📰 As the shipping industry is transforming digitally, the pressure for operators to adapt is increasing.

Chemical Cargoes and Hazardous Freight Lead to Specialist e-learning for Container Shipping Line. *Handy Shipping Guide*. 15 January 2018. Available from: <http://www.handysippingguide.com/shipping-news/chemical-cargoes-and-hazardous-freight-lead-to-specialist-elearning-for-container-shipping-line-8735>. When, as is the Mediterranean Shipping Company (MSC), you are running a fleet of 460 container ships taking freight to over 300 ports worldwide, one has to ensure that staff in all your offices are on the ball when it comes to processing the documents and competently handling the 2.75 million TEU of cargo in your care.

MAJ Facilitates Training For Judges. *The Gleaner (Jamaica)*. 16 January 2018. Available from: <http://jamaica-gleaner.com/article/shipping/20180116/maj-facilitates-training-judges>. The Maritime Authority of Jamaica (MAJ), in fulfilling its role to capacitate local entities to handle international maritime matters, hosted a seminar for Supreme Court and Court of Appeal judges.

DNV GL Approval for Latest Kongsberg Digital Engine Room Simulators. *Kongsberg*. 16 January 2018. Available from: <https://www.kongsberg.com/en/kongsberg-digital/news/2018/january/dnv%20gl%20approval%20for%20latest%20kongsberg%20digital%20engine%20room%20simulators/>. DEDF Cruise Ferry model first to receive new Class S (Special Task) standard certification for simulators used for training ship's officers working on LNG fueled vessels.

Liberia opens state-of-the-art maritime training institute . *Liberian Registry*. 19 January 2018. Available from: <http://www.lisr.com/blog/liberia-opens-state-art-maritime-training-institute>. Liberia President Ellen Johnson-Sirleaf officially opened the Liberia Maritime Training Institute (LMTI) at an inauguration ceremony in Marshall City, Liberia, on 5 January.

Careers at Sea sponsors National Careers Week. By Holly Birkett. *UK Chamber of Shipping*. 23 January 2018. Available from: <https://www.ukchamberofshipping.com/latest/careers-sea-sponsors-national-careers-week/>. The Merchant Navy Training Board's (MNTB) Careers at Sea campaign is, for the first time, sponsoring an entire day during National Careers Week (5th-10th March) and is calling on UK shipping companies to help spread the word.

CMU students receive scholarships from China. *Jamaica Observer*. 29 January 2018. Available from: http://www.jamaicaobserver.com/latestnews/CMU_students_receive_scholarships_from_China?profile=1228. Five students enrolled at the Caribbean Maritime University (CMU) were, on Friday, presented with scholarships valued at over \$1 million, from the People's Republic of China.

MARITIME SAFETY

Serious' design issues leave seafarers fearful of using lifesaving equipment. By Dag Pike.


Fairplay. 4 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4295866/%E2%80%98serious%E2%80%99-design-issues-leave-seafarers-fearful-of-using-lifesaving-equipment> In the most comprehensive report of its kind, British seafarers have criticised design aspects of the lifesaving appliances (LSA) on board their ships, with freefall lifeboats coming under heaviest fire.

Greener fuels open up safety challenges for crew. By Tanya Blake. Fairplay.

Fairplay. 4 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294971/greener-fuels-open-up-safety-challenges-for-crew> As shipping steps up to become greener and do its part in cutting global emissions, the sector is preparing for impending environmental regulations.

RMT demands action after incident on the *Carnival Arcadia*. *National Union of Rail, Maritime and Transport Workers (RMT)*. 11 January 2018. Available from: <https://www.rmt.org.uk/news/rmt-demands-action-after-incident-on-the-carnival-arcadia/> RMT demands urgent action from regulator and cruise industry after shocking incident on the *Carnival Arcadia* at the weekend shines spotlight on lifeboat safety.

Updated guidelines for the carriage of Calcium Hypochlorite in containers. Swedish Club.

12 January 2018. Available from: <https://www.swedishclub.com/main.php?mcid=1&mid=106&pid=17307&newsid=2090> The International Group of P&I Clubs (IG Clubs) and the shipping line members of the Cargo Incident Notification System (CINS) have issued a revised version 3.0 of the Guidelines for the Carriage of Calcium Hypochlorite in Containers. [Guidelines for the Carriage of Calcium Hypochlorite in Containers](#) 

TT Talk - Enclosed Spaces on ships – identify, test & monitor. TT Club.

16 January 2018. Available from: <https://www.ttclub.com/loss-prevention/tt-talk/article/tt-talk-enclosed-spaces-on-ships-identify-test-monitor-142011/> No one involved in working on board an oil, gas or chemical tanker at sea or in port would remotely consider entering a tank on board without all the appropriate precautions being taken before and during entry, often also associated with a "Gas-Free Certificate" and a "Permit to Work" (or Enter).

VIKING life-saving equipment is 'Polar Code Ready'. By VIKING. Hellenic Shipping News.

26 January 2018. Available from: <http://www.hellenicshippingnews.com/viking-life-saving-equipment-is-polar-code-ready/> It's been a full year since the IMO launched the Polar Code to enhance the protection of seafarers and the environment in Arctic and Antarctic regions.

Sanchi oil tanker disaster: how spills and accidents can make ships safer. By Jin Wang.

The Conversation. 29 January 2018. Available from: <https://theconversation.com/sanchi-oil-tanker-disaster-how-spills-and-accidents-can-make-ships-safer-90207> The *Sanchi* tanker was carrying 136,000 tonnes of oil from Iran to South Korea when it collided with the Hong Kong-flagged cargo ship *CF Crystal*, 160 nautical miles off the coast of Shanghai, China.

Ports should care about CTU Code. By Richard W.A.Brough. Port Strategy.

30 January 2018. Available from: <http://www.portstrategy.com/news101/insight-and-opinion/the-regulator/importance-of-the-ctu-code-in-supply-chain-safety> Take a straw poll in any grouping of 100 container supply chain professionals with the question "who is aware of the CTU Code?" and the response is invariably disappointing, writes Richard Brough.

MARITIME SECURITY

Royal Australian Navy seizes illegal drugs worth more than \$400 million in Middle East.

By Andrew Greene. *ABC (Australia)*. 30 December 2017. Available from:

[http://www.abc.net.au/news/2017-12-30/australian-navy-ship-seizes-\\$415m-middle-east-drug-haul/9294758](http://www.abc.net.au/news/2017-12-30/australian-navy-ship-seizes-$415m-middle-east-drug-haul/9294758)

An Australian warship operating in the Middle East has seized drugs believed to be worth more than \$400 million after intercepting and boarding three ships in the Arabian sea.

Reinforcement, port security kept Coast Guard occupied in 2017. By Betheena Kae Unite.

Manila Bulletin. 29 December 2017. Available from: <https://news.mb.com.ph/2017/12/29/reinforcement-port-security-kept-coast-guard-occupied-in-2017/>

It was a busy year for the Philippine Coast Guard (PCG) as it equipped itself with more tools and personnel, gearing up for maritime security challenges in the coming year.

Updated: Over 4,000 tonnes of gasoil misappropriated in Shell fuel theft. By Simin Ngai. Fairplay.

10 January 2018. Available from: <https://fairplay.ihs.com/commerce/article/4296011/updated-over-4000-tonnes-of-gasoil-misappropriated-in-shell-fuel-theft>

Nearly 4,400 tonnes of gasoil, valued at about SGD2.4 million (USD1.8 million), was misappropriated at Shell's largest refinery, court documents showed as eleven suspects were charged in a Singapore court on Tuesday (9 January).

Saudi Forces Thwart Bomb Boat Attack in Red Sea. Maritime Executive.

10 January 2018. Available from: <https://www.maritime-executive.com/article/saudi-forces-thwart-bomb-boat-attack-in-red-sea>

The Saudi coalition backing the Yemeni government in Yemen's civil war announced Wednesday that it had thwarted an attempted bomb-boat attack on a tanker off Hodeidah.

Shipping companies strengthen the fight against cyber criminals. Danish Shipping.

12 January 2018. Available from: <https://www.danishshipping.dk/en/press/news/shipping-companies-strengthen-the-fight-against-cyber-criminals/>

During the last year, the majority of shipping companies has been exposed to cyber attacks and has intensified the fight against cyber crime.

[Shipping companies strengthen their IT security: Survey](#) 

SE Asian Ports Lead the World for Armed Robbery. Maritime Executive.

11 January 2018. Available from: <https://www.maritime-executive.com/article/se-asian-ports-lead-the-world-for-armed-robbery>

The anchorages at Chittagong, Manila and Pulau Bintan led the world last year for armed robberies, according to the ICC IMB's 2017 annual piracy report. Each of these port regions reported nine incidents last year, much more than other hot spots on the list like Lagos and Cartagena.

How much of a threat is Yemen to international shipping? By Anastassios Adamopoulos.

Lloyd's List. 12 January 2018. Available from:

<https://lloydslist.maritimeintelligence.informa.com/LL1120806/How-much-of-a-threat-is-Yemen-to-international-shipping>

An unmanned vessel strapped with explosives approaching merchant ships in the Red Sea signals a different kind of threat to shipping lines and crew as a result of the Yemeni war.

ReCAAP ISC Urges Heightened Vigilance as Total Number of Incidents of Piracy and Armed Robbery against Ships in Asia Increased in 2017 Compared to 2016. ReCAAP.

16 January 2018. Available from:

http://www.recaap.org/DesktopModules/Bring2mind/DMX/Download.aspx?Command=Core_Download&EntityId=602&PortalId=0&TabId=78 

The Regional Cooperation Agreement on Combating Piracy and Armed Robbery against Ships in Asia Information Sharing Centre (ReCAAP ISC) today released its Annual (January-December 2017) Report at the 9th Nautical Forum held in Singapore.

Japan Coast Guard Expands Presence to Meet New Threats. Maritime Executive.

16 January 2018. Available from: <https://www.maritime-executive.com/article/japan-coast-guard-expands-presence-to-meet-new-threats>

In response to recent incursions, the Japan Coast Guard is preparing for more interaction with Chinese forces off the Senkaku Islands, a disputed chain near Taiwan.

Why regional efforts are key to Africa's maritime security. By Lisa Otto. *The Conversation*.

16 January 2018. Available from: <https://theconversation.com/why-regional-efforts-are-key-to-africas-maritime-security-89813> Maritime security has become a priority for most of Africa's regional communities since the early 2000s when kidnappings were on the rise and later in that decade when Somali piracy became a major threat to international trade.

Crude tankers face Red Sea drone threat. By Dale Wainwright. *TradeWinds*. 18 January 2018.

Available from: <http://www.tradewindsnews.com/casualties/1414883/crude-tankers-face-red-sea-drone-threat> Drone vessels packed with explosives are reportedly being used to target commercial tankers in the Red Sea.

Satellites paint a detailed picture of maritime activity. *European Space Agency (ESA)*.

18 January 2018. Available from:

http://www.esa.int/Our_Activities/Telecommunications_Integrated_Applications/Satellites_paint_a_detailed_picture_of_maritime_activity ESA has helped coastal authorities to track up to 70% more ships and pick up nearly three times more ship positions via satellite than was possible before.

East Mediterranean: Prospects, challenges, opportunities. By Ioannis Chapsos. *Ekathimerini (Greece)*. 19 January 2018. Available from:

<http://www.ekathimerini.com/225062/opinion/ekathimerini/comment/east-mediterranean-prospects-challenges-opportunities> Maritime security is a highly contested concept and encapsulates the state-centric "narrow conception" of maritime security which refers to the traditional interstate maritime territorial disputes.

I, Pirate: A cyber story in the maritime industry. *Splash 24/7*. 24 January 2018. Available from:

<http://splash247.com/pirate-cyber-story-maritime-industry/> Aybars Oruc discusses how shipping must get to grips with cyber attacks.

INTERTANKO, ICS and BIMCO issue guidance as Yemen conflict forces new security recommendations. *INTERTANKO*. 24 January 2018. Available from: <https://www.intertanko.com/News-Desk/Home-Page-Article/INTERTANKO-ICS-and-BIMCO-issue-guidance-as-Yemen-Conflict-Forces-new-security-recommendations/> In response to the threats arising from the conflict in Yemen, BIMCO, ICS and INTERTANKO have published interim guidance on maritime security in the southern Red Sea and Bab al-Mandeb.

Nigeria, strategic to tackling maritime crimes in Gulf of Guinea - DG Nimasa. *Nigerian Maritime Administration and Safety Agency (NIMASA)*. 25 January 2018. Available from:

<http://www.nimasa.gov.ng/press-center/post/nigeria-strategic-to-tackling-maritime-crimes-in-gulf-of-guinea-dg-nimasa> The Director General of the Nigerian Maritime Administration and Safety Agency, Dr. Dakuku Peterside has described the Nigerian maritime sector as strategic to tackling issues of insecurity in the Gulf of Guinea (GoG).

Maritime security guidance on southern Red Sea and Bab al-Mandeb. *Safety 4 Sea*.

25 January 2018. Available from: <https://www.safety4sea.com/watch-maritime-security-guidance-on-southern-red-sea-and-bab-al-mandeb/> The video came in public just a day after BIMCO, ICS and INTERTANKO published interim guidance on maritime security in the southern Red Sea and Bab al-Mandeb, urging shipowners and operators to be aware of new threat patterns in the area.

MIGRANTS

Italy's migrant crisis saw a huge turning point in 2017. *Public Radio International (PRI)*. 30 December 2017. Available from: <https://www.pri.org/stories/2017-12-30/italys-migrant-crisis-saw-huge-turning-point-2017>. The year 2017 marked what Italian authorities hope was a turning point in the nation's struggle to manage a chaotic and deadly rush of migrants to its shores.

Mediterranean Migrant Arrivals Reached 171,635 in 2017; Deaths Reach 3,116. *International Organization for Migration (IOM)*. 5 January 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reached-171635-2017-deaths-reach-3116> IOM reports that 171,635 migrants and refugees entered Europe by sea during 2017, with just under 70 per cent arriving in Italy and the remainder divided between Greece, Cyprus and Spain.

Mediterranean Migrant Arrivals Reach 1072 in first week of 2018; Deaths Reach 81. *International Organization for Migration (IOM)*. 9 January 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-1072-first-week-2018-deaths-reach-81> IOM reports that 1,072 migrants and refugees entered Europe by sea during the first week of 2018, with around 450 each landing in Italy and Greece and the remainder in Spain.

Up to 100 Migrant Lives Feared Lost off Libya. *International Organization for Migration (IOM)*. 10 January 2018. Available from: <https://www.iom.int/news/100-migrant-lives-feared-lost-libya> The Libyan Coast Guard reported Wednesday that up to 100 migrants remain missing in the third deadly shipwreck on the Mediterranean Sea since Saturday.

Tragic start to New Year for migrants as hundreds feared dead in Mediterranean. *UN News Centre*. 10 January 2018. Available from: <http://www.un.org/apps/news/story.asp?NewsID=58400> A little more than a week into the New Year, close to 200 migrants or refugees have reportedly died or gone missing in the Mediterranean Sea - with up to 100 unaccounted for since Saturday, the United Nations migration agency said Wednesday.

Mediterranean Migrant Arrivals Reach 1,476 in 2018; Deaths Reach 192. *International Organization for Migration (IOM)*. 12 January 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-1476-2018-deaths-reach-192> IOM reports that 1,476 migrants and refugees entered Europe by sea through 11 January, with around 600 each landing in Italy and Greece and the remainder in Spain.

Mediterranean Migrant Arrivals Reach 1,916 in 2018; Deaths Reach 194. *International Organization for Migration (IOM)*. 16 January 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-1916-2018-deaths-reach-194> IOM reports that 1,916 migrants and refugees entered Europe by sea through 14 January.

Mediterranean migrant arrivals reach 2,583 in 2018; Deaths reach 199. *International Organization for Migration (IOM)*. 19 January 2018. Available from: <https://www.iom.int/news/mediterranean-migrant-arrivals-reach-2583-2018-deaths-reach-199> IOM reports that 2,583 migrants and refugees entered Europe by sea through 17 January.

Overcrowded boat capsizes off Yemen coast, 30 drowned; UN agencies condemn smugglers. *UN News Centre*. 26 January 2018. Available from: <http://www.un.org/apps/news/story.asp?NewsID=58485> At least 30 refugees and migrants drowned when their boat capsized off the coast of Aden, Yemen, the United Nations reported on Friday, saying the overcrowded vessel was believed to have been operated by unscrupulous smugglers who were trying to extort money from the passengers.

NAVIGATION & COMMUNICATIONS

Ultra large container vessels: No room for error in restricted waterways. By Tanya Blake. *Fairplay*. 1 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294856/ultra-large-container-vessels-no-room-for-error-in-restricted-waterways> In the early hours of 22 August 2016, ultra-large container vessel (ULCV) *Vasco de Gama* approached Port of Southampton - the 339 m long, 17,859 teu vessel was the largest UK-flagged ULCV at the time and had two of the port's specialist container ship pilots on board.

China's underwater surveillance network puts targets in focus along maritime Silk Road.

By Stephen Chen. *South China Morning Post*. 1 January 2018. Available from: <http://www.scmp.com/news/china/diplomacy-defence/article/2126296/chinas-underwater-surveillance-network-puts-enemies> Hi-tech system will help Beijing protect its growing network of interests and investments from the South China Sea to the Indian Ocean, experts say.

Shipping lanes in Indian Ocean should remain secure: India. *Economic Times (India)*.

2 January 2018. Available from: <https://economictimes.indiatimes.com/news/defence/shipping-lanes-in-indian-ocean-should-remain-secure-india/articleshow/62340518.cms> India said today that it would be in China's interest that the shipping lanes in the Indian Ocean remain secure and asserted that the Indian Navy was keeping an eye on its key maritime areas.

Vessel study could trigger ECDIS overhaul. By Stephen Cousins. *Fairplay*. 5 January 2018.

Available from: <https://fairplay.ihs.com/safety-regulation/article/4295946/vessel-study-could-trigger-ecdis-overhaul> Electronic navigation systems and related legislation could receive an overhaul based on the results of a new study launched by Danish and UK accident investigators.

Shipping Industry Missing Important ECDIS Upgrade. By Oliver Schwarz, Business Development Director, ChartWorld International. *Maritime Executive*. 9 January 2018. Available from:

<https://www.maritime-executive.com/editorials/shipping-industry-missing-important-ecdis-upgrade> We've all done it - hit the "not now" or "remind me later" button - because there is perhaps nothing as widely disliked, ignored, or dismissed as software updates.

Yemen's Houthis threaten to block Red Sea shipping lane. By Aziz El Yaakoubi. *Reuters*.

9 January 2018. Available from: <https://www.reuters.com/article/us-yemen-security/yemens-houthis-threaten-to-block-red-sea-shipping-lane-idUSKBN1EY2AP> Yemen's armed Houthi movement threatened to block the strategic Red Sea shipping lane if the Saudi-led coalition it is fighting keeps pushing toward the port of Hodeidah it controls, the Houthi-run SABA news agency reported.

Ship carrying LNG from UK turns to Mediterranean - tracking data. By Scott DiSavino. *Reuters*.

10 January 2018. Available from: <https://uk.reuters.com/article/usa-russia-yamal-lng/ship-carrying-lng-from-uk-turns-to-mediterranean-tracking-data-idUKL1N1P50PR> A vessel that picked up liquefied natural gas from the United Kingdom that was headed to the United States has turned toward the Mediterranean, according to Thomson Reuters shipping data on Wednesday.

Crossing the Northwest Passage is no certainty. By Alex Binkley. *Fairplay*. 16 January 2018.

Available from: <https://fairplay.ihs.com/commerce/article/4296106/crossing-the-northwest-passage-is-no-certainty> The uneventful transits of the massive cruise ship *Crystal Serenity* through the Northwest Passage in 2016 and 2017 have fuelled interest among international shipping lines in dispatching their freighters through the Canadian Arctic.

Tokyo aims to commercialise autonomous navigation by 2025. By Xiaolin Zeng. *Fairplay*.

18 January 2018. Available from: <https://fairplay.ihs.com/commerce/article/4296421/tokyo-aims-to-commercialise-autonomous-navigation-by-2025> Japan's Ministry of Land, Infrastructure, Transport, and Tourism (MLIT) is hoping to commercialise autonomous navigation as a way to reduce maritime accidents and resolve a shortage of seafarers.

Regional route sharing made possible in the Baltic. *Safety 4 Sea*. 22 January 2018. Available from: <https://www.safety4sea.com/regional-route-sharing-made-possible-in-the-baltic/> The ENSI system has been developed in Finland and allows ships in the Baltic Sea to share their electronic route plan and the mandatory reports needed for the voyage with any VTS or SRS system using it.

UKHO features on BBC One's 'Antiques Road Trip'. *UK Government*. 22 January 2018. Available from: <https://www.gov.uk/government/news/ukho-features-on-bbc-ones-antiques-road-trip> A recent episode of BBC One's Antiques Road Trip paid a visit to the United Kingdom Hydrographic Office (UKHO) in Taunton, Somerset, to find out about their history spanning over 200 years and how they use marine geospatial data today.

Thome overcomes ECDIS challenges. By Martyn Wingrove. *Marine Electronics & Communications*. 23 January 2018. Available from: http://www.marinemec.com/news/view,thome-overcomes-ecdis-challenges_50539.htm Singapore-based shipmanagement group Thome overcame the challenge of having to update all shipboard ECDIS across the fleet to the latest International Hydrographic Organization (IHO) standards.

Six vessels escorted by icebreakers in eastern part of Gulf of Finland during 24 hours on Jan 22-23. *Port News*. 23 January 2018. Available from: <http://www.en.portnews.ru/news/252336/> Six vessels were escorted by icebreakers in the eastern part of the Gulf of Finland during 24 hours on January 22-23, says Ice Operations Headquarters of the Baltic Sea Ports Administration.

U.S., Russia propose voluntary Bering Strait shipping routes. By Walter Ham. *US Department of Defense*. 25 January 2018. Available from: <https://www.defense.gov/News/Article/Article/1423960/> In response to increased Arctic shipping traffic, the United States and Russian Federation have proposed a system of two-way routes for vessels to follow in the Bering Strait and Bering Sea.

China calls for international cooperation on developing Arctic shipping routes. By Jiaxin. *Xinhuanet (China)*. 26 January 2018. Available from: http://www.xinhuanet.com/english/2018-01/26/c_136926306.htm China calls for stronger international cooperation on infrastructure construction and operation of the Arctic shipping routes, according to a white paper issued Friday.

New wave of mini satellites could boost climate research. By John Fialka. *Scientific American*. 29 January 2018. Available from: <https://www.scientificamerican.com/article/new-wave-of-mini-satellites-could-boost-climate-research/> An Indian-made rocket called PSLV-C37 soared 310 miles into the Earth's ionosphere last February and launched 104 space satellites, spitting them out rapidly from both sides.

The complexities of Arctic maritime traffic. By Rachael Gosnell. *Arctic Institute*. 30 January 2018. Available from: <https://www.thearcticinstitute.org/complexities-arctic-maritime-traffic/> In late August 2017, the Russian icebreaking liquefied natural gas (LNG) carrier *Christophe de Margerie* made headlines in maritime traffic news for a record-setting transit of the Northern Sea Route (NSR).

Mapping our oceans: how the Earth's satellites power shipping. By Eva Grey. *Ship-Technology.Com*. 31 January 2018. Available from: <http://www.ship-technology.com/features/mapping-oceans-earths-satellites-power-shipping/> With the launch of a new generation of powerful satellites, marine observation data has vastly improved, ushering in new possibilities for navigation and ocean protection.

PIRACY

Ending Piracy in Nigerian Waters. By Eromosele Abiodun. *This Day (Nigeria)*. 5 January 2018. Available from: <https://www.thisdaylive.com/index.php/2018/01/05/ending-piracy-in-nigerian-waters/> Eromosele Abiodun writes that the report by the International Maritime Bureau on rising cases of piracy in Nigeria focused on government agencies responsible for tackling the menace.

Maritime piracy and armed robbery reaches 22-year low, says IMB report. *International Chamber of Commerce (ICC)*. 10 January 2018. Available from: <https://www.icc-ccs.org/index.php/1240-maritime-piracy-and-armed-robbery-reaches-22-year-low-says-imb-report> A total of 180 incidents of piracy and armed robbery against ships were reported to the International Chamber of Commerce's (ICC) International Maritime Bureau (IMB) in 2017, according to the latest IMB report.

17 Countries Participate in Piracy Meeting in Singapore. *Maritime Executive*. 17 January 2018. Available from: <https://www.maritime-executive.com/corporate/17-countries-participate-in-piracy-meeting-in-singapore> The first capacity building activity in 2018 by the Information Sharing Centre (ISC) of ReCAAP, the first regional government-to-government agreement to promote and enhance cooperation against piracy and armed robbery against ships in Asia, kicked off on January 17 with 19 senior officers from 17 countries arriving in Singapore to take stock of the current situation and discuss the roadmap ahead.

41 Somali pirates finally sent home in special chartered flight. By Ahmed Ali. *Times of India*. 20 January 2018. Available from: <https://timesofindia.indiatimes.com/city/mumbai/41-somali-pirates-finally-sent-home-in-spl-chartered-flight/articleshow/62575775.cms> The first batch of 41 Somali pirates was deported on Friday from among the 117 caught in Indian waters in 2011 and freed recently.

Cement carrier attacked by Somali pirates. By Michael Juliano. *TradeWinds*. 22 January 2018. Available from: <http://www.tradewindsnews.com/drycargo/1417429/cement-carrier-attacked-by-somali-pirates> A cement carrier was attacked Sunday by pirates in the Gulf of Aden but has been reported as safe in the high-risk area off of Somalia.

Guards repel pirate attack on cement carrier. *Maritime Executive*. 23 January 2018. Available from: <https://www.maritime-executive.com/article/guards-repel-pirate-attack-on-cement-carrier#gs.4srY8rs> On Sunday, embarked maritime security contractors aboard a bulker repelled a pirate attack in the high-risk area off Somalia.

Venezuelan pirates rule the most lawless market on Earth. By Jonathan Franklin. *Bloomberg*. 30 January 2018. Available from: <https://www.bloomberg.com/news/features/2018-01-30/venezuelan-pirates-rule-the-most-lawless-market-on-earth> Venezuela and the island of Trinidad are separated by only 10 miles of water and bound together by the most lawless market on Earth today.

PORT STATE CONTROL

Foreign flagged ships under detention in the UK during December 2017. *UK Maritime & Coastguard Agency*. 8 January 2018. Available from: <https://www.gov.uk/government/news/foreign-flagged-ships-under-detention-in-the-uk-during-december-2017> The Maritime and Coastguard Agency (MCA) announced today that ten foreign flagged ships were under detention in UK ports during December 2017 after failing Port State Control (PSC) inspection.

Risk profiling is becoming more important to port state control inspections, says PaSea. *Hellenic Shipping News*. 9 January 2018. Available from: <http://www.hellenicshippingnews.com/risk-profiling-is-becoming-more-important-to-port-state-control-inspections-says-pasea/> Port State Control inspections are increasingly focusing on the risk profile of the ship under inspection with inspectors singling out the performance of the ship manager and the flag state recognised organisation (RO) as major factors to concentrate on.

PORTS & HARBOURS

British Ports Association looking to shape the agenda in 2018. *British Ports Association*. 3 January 2018. Available from: <https://www.britishports.org.uk/news/british-ports-association-looking-to-shape-the-agenda-in-2018> Discussions with the various parts of Westminster and the Devolved Governments on Brexit will continue to be a major feature for the ports industry this year.

2018 set to be "transformative year" for port development, says Ince & Co: Firm urges ports operators to plan ahead for global industry changes. *Hellenic Shipping News*. 5 January 2018. Available from: <http://www.hellenicshippingnews.com/2018-set-to-be-transformative-year-for-port-development-says-ince-co-firm-urges-ports-operators-to-plan-ahead-for-global-industry-changes/> Leading international law firm Ince & Co has advised port operators to expect a year of transformation.

Panama: the environmental legacy of the world's key canal. By Patrick Kingsland. *Ship-Technology.Com*. 10 January 2018. Available from: <https://www.ship-technology.com/features/panama-environmental-legacy-worlds-key-canal/> As part of its Environmental Recognition Program, the Panama Canal recently unveiled a new carbon calculator to centralise emissions data and incentivise the industry to reduce its carbon footprint.

Updated FAL Convention primes ports for automated shipping . By Namrata Nadkarni. *Fairplay* . 11 January 2018. Available from: <https://fairplay.ihs.com/ports/article/4296116/updated-fal-convention-primes-ports-for-automated-shipping> The 2016 amendments to the International Maritime Organization's (IMO's) Convention on Facilitation of International Maritime Traffic (FAL), which make the electronic exchange of information mandatory from April 2019 onwards, are likely to speed up the move to automated shipping at ports.

British Ports Association responds to Govt 25 Year Environment Plan. *British Ports Association*. 11 January 2018. Available from: <https://www.britishports.org.uk/news/british-ports-association-responds-to-govt-25-year-environment-plan> The Government must redouble efforts to ensure that unreasonable costs are not added to plans for sustainable development.

Port will tap tech, data to optimise ops. By Jacqueline Woo. *Straits Times*. 15 January 2018. Available from: <http://www.straitstimes.com/business/economy/port-will-tap-tech-data-to-optimise-ops> The future Tuas mega port will be an "efficient and intelligent" port that harnesses emerging technologies and data analytics to optimise operations, said the Maritime and Port Authority of Singapore (MPA).

The FAL convention – Electronic port call reporting takes off. By Malcolm Latache. *ShipInsight*. 15 January 2018. Available from: <https://shipinsight.com/the-fal-convention/> Through history ships or their agents have needed to complete various formalities and pay dues before the ship was allowed to discharge or load cargo and later to sail on to its destination.

Turkey unveils Canal Istanbul Project route. By Diyar Guldogan. *Anadolu Agency (Turkey)*. 15 January 2018. Available from: <http://aa.com.tr/en/todays-headlines/turkey-unveils-canal-istanbul-project-route/1031171> Turkey on Monday unveiled the "most appropriate" route for the Canal Istanbul Project, which is an artificial sea-level waterway parallel to the Bosphorus that is to connect the Black Sea to the Sea of Marmara.

Belt and Road: A New Era for Ports. By Ton van den Bosch. *Maritime Executive*. 17 January 2018. Available from: <https://www.maritime-executive.com/blog/belt-and-road-a-new-era-for-ports#gs.tNH0tKs> As one of the engines of the global economy, the ports sector is acutely tuned to wider political, social and economic trends.

The Port of Helsinki takes the top spot among European passenger ports. *Port of Helsinki*. 17 January 2018. Available from: <http://www.portofhelsinki.fi/en/port-helsinki/whats-new/news/port-helsinki-takes-top-spot-among-european-passenger-ports> In 2017, Helsinki grew to become the busiest passenger port in Europe and possibly the entire world with 12.3 million passengers.

Biofouling Regs Enter into Force at California's Ports. *Maritime Executive*. 18 January 2018. Available from: <https://www.maritime-executive.com/article/biofouling-regs-enter-into-force-at-california-s-ports> Leading marine insurer Gard reminded shipowners Thursday that they should take care to comply with the requirements of California's Marine Invasive Species Program (MISP).

Jamaica signs with SeaWalk to open cruise ship access to historic Port Royal. By Anne Kalosh. *Seatrade Cruise News*. 18 January 2018. Available from: <http://www.seatrade-cruise.com/news/news-headlines/jamaica-signs-with-seawalk-to-open-cruise-ship-access-to-historic-port-royal.html> The Port Authority of Jamaica has contracted the floating pier system, SeaWalk, for use at historic Port Royal, opening the opportunity for cruise ships to visit this fascinating destination without impacting its fragile

Argentina sees first graduates of port management course. *United Nations Conference on Trade and Development (UNCTAD)*. 18 January 2018. Available from: <http://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=1658> Eleven mid-level managers working in the Port of Buenos Aires graduated last month from a two-year UNCTAD port management programme, marking a successful end to the first cycle of training in Argentina.

Visiting a California port anytime soon? *Gard*. 18 January 2018. Available from: <http://www.gard.no/web/updates/content/24818702/visiting-a-california-port-anytime-soon> The state of California is known for its enforcement of stringent environmental regulations.

Suez Canal rolls out rebates for crude tankers from US Gulf, Caribbean and Latin America to Asia. By Marcus Hand. *Seatrade Maritime News*. 19 January 2018. Available from: <http://www.seatrade-maritime.com/news/middle-east-africa/suez-canal-rolls-out-rebates-for-crude-tankers-from-us-gulf-caribbean-and-latin-america-to-asia.html> The rebates that are valid for all of 2018 and vary between 45% up to 75% and are designed to encourage more crude tankers to transit the Suez Canal according to a circular from SCA.

ESPO supports more efficient but responsible management of waste from ships. *European Sea Ports Organisation (ESPO)*. 22 January 2018. Available from: <https://www.espo.be/news/espo-supports-more-efficient-but-responsible-manag> On 16 January, the European Commission published the new proposal on the revision of the Port Reception Facilities (PRF) Directive.

Efficiency at Dar Port picks tempo. By Masato Masato and Benard Lugongo. *Daily News (Tanzania)*. 22 January 2018. Available from: <https://www.dailynews.co.tz/index.php/home-news/55486> Sweeping reforms for service improvement at the Dar es Salaam Port have started yielding results, with especially transporters enjoying thriving businesses.

Port of Rotterdam Authority puts hybrid vessel into operation. *Port of Rotterdam*. 22 January 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/port-of-rotterdam-authority-puts-hybrid-vessel-into-operation> On Thursday afternoon, 18 January, the Port of Rotterdam Authority put a new hybrid patrol vessel into operation.

Port authority facilitating development. By Garwin Davis. *Jamaica Information Service*. 23 January 2018. Available from: <https://jis.gov.jm/port-authority-facilitating-development/> Minister without Portfolio in the Ministry of Economic Growth and Job Creation, Hon. Dr. Horace Chang, has hailed the Port Authority of Jamaica (PAJ) for its work in facilitating development.

Bangladesh embarks on port revolution. By Linton Nightingale. *Lloyd's List*. 23 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120955/Bangladesh-embarks-on-port-revolution> Bangladesh faces numerous challenges if it is to achieve its goal of becoming a fully developed nation by 2041, one of the key components of which is to modernise its container ports.

Improved Port Reception Facilities welcomed by European Shipowners. *European Community Shipowners' Associations (ECSA)*. 23 January 2018. Available from: <http://www.ecsa.eu/news/improved-port-reception-facilities-welcomed-european-shipowners> European shipowners welcome the Plastic Strategy adopted by the European Commission last week.

World's first electric container barges to sail from European ports this summer. By Daniel Boffey. *The Guardian*. 24 January 2018. Available from: <https://www.theguardian.com/environment/2018/jan/24/worlds-first-electric-container-barges-to-sail-from-european-ports-this-summer> The world's first fully electric, emission-free and potentially crewless container barges are to operate from the ports of Antwerp, Amsterdam, and Rotterdam from this summer.

Long Beach shares future vision. *Port Strategy*. 25 January 2018. Available from: <http://www.portstrategy.com/news101/world/americas/long-beach-shares-future-vision> The future of the Port of Long Beach will encompass 24/7 service and more information technology, according to Mario Cordero, its executive director.

Port of Amsterdam and Titan LNG sign long-term Rental Agreement. *Port of Rotterdam*. 26 January 2018. Available from: <https://www.portofamsterdam.com/en/press-release/port-amsterdam-and-titan-lng-sign-long-term-rental-agreement> Port of Amsterdam and Titan LNG have signed a long-term contract for the "home" location of Titan's bunkering pontoon: the FlexFueller001.

Cosco reveals \$620m Piraeus development plan. By David Glass. *Seatrade Maritime News*. 29 January 2018. Available from: <http://www.seatrade-maritime.com/news/europe/cosco-reveals-620m-piraeus-development-plan.html> Goal of the shipyard development is to create a facility able to service 450 vessels annually, with particular attention being given to mega yachts.

Could route sharing cut red tape? By Malcolm Latache. *ShipInsight*. 29 January 2018. Available from: <https://shipinsight.com/route-sharing-cut-red-tape/> Except for a few specific areas, sea traffic management has been limited to individual ports or small groups of closely related ports.

Technologically supercharged ports are defining the new Silk Road. *Hellenic Shipping News*. 29 January 2018. Available from: <http://www.hellenicshippingnews.com/technologically-supercharged-ports-are-defining-the-new-silk-road/> They're loud, polluted, monotonous, generally ugly, and sometimes they stink.

Pakistan, China jointly showcase Arabian Sea Gwadar Port. By Ayaz Gul. *Voice of America*. 29 January 2018. Available from: <https://www.voanews.com/a/pakistan-china-jointly-showcase-arabian-sea-gwadar-port/4229612.html> Pakistan and China have jointly organized the first international exhibition to showcase the significance of the Arabian Sea Gwadar Port and its economic free zone as an emerging international business hub.

Electric container ships for Tilburg-Rotterdam route. *Port of Rotterdam*. 29 January 2018. Available from: <https://www.portofrotterdam.com/en/news-and-press-releases/electric-container-ships-for-tilburg-rotterdam-route> The Dutch company Port-Liner is switching to the construction of all-electric freight vessels for inland shipping.

Making the climate call count for ports. *Port Strategy*. 30 January 2018. Available from: <http://www.portstrategy.com/news101/environment/climate-call> The world will be watching as the International Maritime Organization sets its goals for reducing greenhouse gas emissions (GHG) from shipping,

Australian ports 'too small' for ever-increasing box ship sizes. By Zoe Reynolds. *Fairplay*. 30 January 2018. Available from: <https://fairplay.ihs.com/container/article/4296916/australian-ports-%E2%80%98too-small%E2%80%99-for-ever-increasing-box-ship-sizes> Container ships are getting too wide and too deep for Australian container ports, it has emerged.


Chennai Port to turn eco-friendly to reduce carbon footprint. By C.Shivakumar. *New Indian Express*. 31 January 2018. Available from: <http://www.newindianexpress.com/cities/chennai/2018/jan/31/chennai-port-to-turn-eco-friendly-to-reduce-carbon-footprint-1765961.html> Chennai Port is developing a green belt on 31 acres inside the port to reduce the carbon footprint besides ensuring ambient air quality parameters to make the port a clean and green one, according to the port Chairman P Raveendran.

REGULATIONS

Preparing crew for an LNG-fuelled future. By Catherine Austin. *Fairplay*. 3 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4294916/preparing-crew-for-an-Ing-fuelled-future>
In the past few years, the industry has been alight with the talk of liquefied natural gas (LNG) becoming the new super fuel, the silver bullet to reducing the environmental impact of the international shipping industry, and potential all-round saviour come the arrival of the global sulphur cap in 2020.

Insights: Emissions Control and Compliance. *MarineLink.Com*. 5 January 2018. Available from: <https://www.marinelink.com/news/compliance-emissions432671.aspx> Alternative Marine Technologies' Robert Kunkel and Chris Mandalakis weigh in on emissions control and compliance.

Denmark highlights regulatory barriers on autonomous ships . *Safety 4 Sea*. 12 January 2018. Available from: <https://www.safety4sea.com/denmark-highlights-regulatory-barriers-on-autonomous-ships/> Denmark sees major developments in digitalisation and automation, as key areas for Blue Denmark and future market competitiveness.


Emissions Regulations: Concerns for the Marine Industry. *Marsh*. January 2018. Available from: <https://www.marsh.com/uk/insights/research/emissions-regulations-concerns-for-the-marine-industry.html>
New regulations putting in place lower caps on sulphur emissions (SOx) will bring challenges to the marine industry. [Report](#) 

Ballast Water Treatment Regulation – The Latest Developments. By Malcolm Latarche. *ShipInsight*. 17 January 2018. Available from: <https://shipinsight.com/ballast-water-treatment-regulation-latest-developments/> In late September 2016 when Finland's signature triggered the coming into force of the 2004 Ballast Water Management Convention, it was anticipated that from September 2017 ships would need to be fitted with treatment systems as the next issue date of their International Oil Pollution Prevention certificate.

IMO 2020 Rule: Bunker Suppliers' and Blenders' Perspective . By Ralph Grimmer, Stillwater Associates and Adrian Tolson, 20|20 Marine Energy. *Ship & Bunker*. 18 January 2018. Available from: <https://shipandbunker.com/news/world/753896-imo-2020-rule-bunker-suppliers-and-blenders-perspective> Implementation of IMO 2020 Rule will require marine vessels to consume marine fuels with a maximum sulfur content of 0.5 weight percent in areas outside of Emission Control Areas (ECA's), unless onboard stack gas scrubbers have been installed.

The regulatory perspective of autonomous vessels. *Safety 4 Sea*. 23 January 2018. Available from: <https://www.safety4sea.com/the-regulatory-perspective-of-autonomous-vessels/> Captain Benjamin Hawkins, chief of the Office of Design and Engineering Standards, participated in the panel session "Autonomous Vessel Operations and Potential Implications for Safety" during the 97th Annual Transportation Safety Board meeting in Washington and talked about the regulatory perspective regarding autonomous vessels.

Status quo in shipping regulations not an option, says new research network. *Ship & Bunker*. 25 January 2018. Available from: <https://shipandbunker.com/news/world/995103> The upcoming IMO 2020 0.50% global sulfur cap is without question the single most significant regulatory milestone on the industry's horizon.

2020 fuel sulphur limit: The full impact considered. *Institute of Marine Engineering, Science and Technology (IMarEST)*. 29 January 2018. Available from: <https://www.imarest.org/policy-news/technical-leadership/item/3998> The IMarEST, through its Emissions from Shipping SIG, has put together an information paper that provides an overview of the upcoming change in the fuel oil sulphur limit to 0.50% m/m and addresses some commonly asked questions. [Information Paper](#) 

SALVAGE


Salvage plan approved for sunken *Seikongen*. By Gary Dixon. *TradeWinds*. 8 January 2018.

Available from: <http://www.tradewindsnews.com/casualties/1408096/salvage-plan-approved-for-sunken-seikongen> Chilean authorities are due to okay a salvage plan for a wellboat newbuilding that sank in October.

SEAFARERS

MV *Albedo* piracy survivor returns to sea. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 15 January 2018. Available from: <http://seafarerswelfare.org/news-and-media/latest-news/mv-albedo-piracy-survivor-returns-to-sea> Jakir Hossain, a young cadet from Bangladesh, was captured by Somali pirates on *MV Albedo* in 2010 and spent almost four long, traumatic years in captivity.

Government sets out minimum wage rights for seafarers in UK water. *UK Government*.

18 January 2018. Available from: <https://www.gov.uk/government/news/government-sets-out-minimum-wage-rights-for-seafarers-in-uk-water> All seafarers working in UK waters must be paid at least minimum wage rates, the government warns in new guidance. [Guide to the Application of the Equality Act 2010 and National Minimum Wage for Seafarers](#) 

UAE Introduces Safety Net for Seafarers in Case of Abandonment. *World Maritime News*.

17 January 2018. Available from: <https://worldmaritimeneews.com/archives/241040/uae-introduces-safety-net-for-seafarers-in-case-of-abandonment/> All ships flying the flag of the United Arab Emirates (UAE) trading internationally, and all ships operating in UAE waters above 200 gross tons will have to have a financial security system in place for seafarers.

ITF statement on UAE's new protection for seafarers. *International Transport Workers' Federation (ITF)*. 18 January 2018. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2018/january/itf-statement-on-uaes-new-protection-for-seafarers/>

David Heindel, chair of the International Transport Workers' Federation (ITF), seafarers' section, said: "We are strongly behind the mandate issued by the Federal Transport Authority - Land and Maritime, for the financial protection of seafarers operating in the waters of the United Arab Emirates (UAE).

Govt eases rules for issuing CDC for seafarers. By P.Manoj. *The Hindu (India)*. 21 January 2018.

Available from: <http://www.thehindubusinessline.com/news/govt-eases-rules-for-issuing-cdc-for-seafarers/article10045271.ece> The government has eased rules for issuing a so-called Continuous Discharge Certificate (CDC)-cum-Seafarers' Identity Document, removing the hurdles for those intending to work on ships but faced hurdles in obtaining the certificate.

Durban: Unpaid crew supported. *Apostleship of the Sea (AoS)*. 22 January 2018. Available from:

<http://www.apostleshipofthesea.org.uk/durban-unpaid-crew-supported> A group of seafarers were left in limbo in the port of Durban, South Africa, after their ship was detained following the non-payment of wages.

ISWAN launches campaign against non-RPSL crewing agencies in India. *International Seafarers' Welfare and Assistance Network (ISWAN)*. 24 January 2018. Available from:

<http://seafarerswelfare.org/news-and-media/latest-news/iswan-launches-campaign-against-non-rpsl-crewing-agencies-in-india> Every year, thousands of Indian seafarers join merchant shipping through unregistered crewing agencies.

Campaign targets unscrupulous Indian crewing agencies. By Sam Chambers. *Splash 24/7*.

25 January 2018. Available from: <http://splash247.com/campaign-targets-unscrupulous-indian-crewing-agencies/> The International Seafarers' Welfare and Assistance Network (ISWAN) is launching a new campaign to discourage Indian seafarers from signing up with crewing agencies which have not registered with the Directorate General of Shipping (DGS).

Myanmar boosts protection of seafarers' rights. *Safety 4 Sea*. 25 January 2018. Available from: <https://www.safety4sea.com/myanmar-boosts-protection-of-seafarers-rights/>. The amended version of the Convention entered into force on 8 June 2017.

Seafarers abandoned in UAE call for help on social media. By Tanya Blake. *Fairplay*. 26 January 2018. Available from: <https://fairplay.ihs.com/safety-regulation/article/4296826/seafarers-abandoned-in-uae-call-for-help-on-social-media>. Seven Indian seafarers have reached out for help via social media, claiming they have been abandoned by Alco Shipping Service on tanker *Dharma*, on the UAE coast in Ajman anchorage, Dubai, for the past 22 months.

Seafarers finally return home after 17 months in Ajman, UAE. *International Transport Workers' Federation (ITF)*. 26 January 2018. Available from: <http://www.itfglobal.org/en/news-events/press-releases/2018/january/seafarers-finally-return-home-after-17-months-in-ajman-uae/>. ITF inspector, Mohamed Arrachedi, has been helping the crew since they were abandoned in June 2016.

Abandoned seafarers in UAE "a scourge that has to stop". *MediTelegraph (Italy)*. 28 January 2018. Available from: <http://www.themeditelegraph.com/en/shipping/shipowners/2018/01/28/abandoned-seafarers-uae-scourge-that-has-stop-JnEnWgxtUxfh5TRNnITqVN/index.htm>. The International Transport Workers' Federation (ITF) has called the plight of abandoned seafarers in the UAE "a scourge that has to stop" after 11 Indian and Myanmar crew members were finally repatriated home after 17 months.

SEARCH & RESCUE

U.S. Navy aircraft joins search and rescue efforts for missing mariners in East China Sea. *United States Navy*. 7 January 2018. Available from: <http://www.c7f.navy.mil/Media/News/Display/Article/1409720/us-navy-aircraft-joins-search-and-rescue-efforts-for-missing-mariners-in-east-c/>. On Jan. 7, the U.S. Navy sent a P-8A aircraft attached to the 'Fighting Tigers' of Patrol Squadron EIGHT (VP-8) to assist in an international search and rescue (SAR) effort in the East China Sea following a collision between two commercial vessels.

New MH370 Search Begins. *Maritime Executive*. 7 January 2018. Available from: <https://www.maritime-executive.com/article/new-mh370-search-begins>. The Malaysian government has approved a new search program for the missing Malaysia Airlines Flight MH370.

Moment 70 people are dramatically rescued after passenger ferry crashes near tourist island in Atlantic Ocean. By Gerard Couzens. *Daily Mail*. 6 January 2018. Available from: <http://www.dailymail.co.uk/news/article-5241997/Passengers-rescued-ferry-crashes-tourist-island.html>. Seventy people have been rescued after a passenger ferry ran aground on rocks in the Azores.

China expands search to find crew of burning Iranian tanker. *Islamic Republic News Agency - IRNA (Iran)*. 9 January 2018. Available from: <http://www.irna.ir/en/News/82790351>. The *Sanchi*, a tanker under the flag of Panama, was carrying 136,000 tons of Iranian condensate to South Korea when it collided with a Chinese freighter in the East China Sea on Saturday morning and burst into flames; the tanker is still on fire.

Iran's Army team to join search for burning tanker's sailors. *Islamic Republic News Agency - IRNA (Iran)*. 12 January 2018. Available from: <http://www.irna.ir/en/News/82793186>. A military rescue team comprising 12 experts dispatched by Iran's Army will contribute to the rescue operation to search for the Iranian sailors who may have been trapped in the tanker collided in the eastern China waters.

Joint committee formed to rescue Iran tanker's crew. *Islamic Republic News Agency - IRNA (Iran)*. 12 January 2018. Available from: <http://www.irna.ir/en/News/82793270>. An Iranian-Japanese-Chinese committee has been set up to explore the various dimensions of the Iranian tanker on fire in East China waters, as well as to ease the operation to rescue its crew.

Report: PMO Team to Try to Board Blazing *Sanchi* in Desperate Search for Survivors.

World Maritime News. 12 January 2018. Available from:

<https://worldmaritimeneews.com/archives/240497/report-pmo-team-to-try-to-board-blazing-sanchi-in-desperate-search-for-survivors/> A surveillance team of Iran's Ports and Maritime Organization (PMO) will attempt today to board the stricken Iranian tanker *Sanchi*, which remains ablaze since January 6.

11 Persons Rescued From Sunken Vessel, 2 Still Missing. *Maritime and Port Authority of Singapore (MPA)*. 13 January 2018. Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/cff46f4b-1a23-4d07-9293-b5b82b9057d8> At about 1550 hours on 12 January 2018, the Maritime and Port Authority of Singapore (MPA) was informed by three passing merchant vessels that they had rescued 11 persons from a vessel that had sunk in the South China Sea (Latitude 02°03.8N and Longitude 104°39.02E), within the Singapore Maritime Search and Rescue Region.

Over 20 undocumented migrants rescued in Mediterranean. By Enes Canli. *Anadolu Agency (Turkey)*. 18 January 2018. Available from: <http://aa.com.tr/en/middle-east/over-20-undocumented-migrants-rescued-in-mediterranean-/1034157> Tunisian naval forces Thursday evening said 25 undocumented migrants were rescued on the offshore of the east coast of the Sfax city.

Search operation underway for Russian fishing boat missing in Sea of Japan. *Sputnik International (Russia)*. 25 January 2018. Available from: <https://sputniknews.com/russia/201801251061057353-russian-boat-missing-japan/> According to the latest information, the Russian fishing vessel *Vostok*, that went missing in the northern Sea of Japan, has not been found yet, Russian Emergencies Minister Vladimir Puchkov said.

Tragic day for *Aquarius* in the Mediterranean: A fatal shipwreck and new interception of migrant boat by Libyan Coast Guard. *SOS Mediterranee*. 28 January 2018. Available from: <http://sosmediterranee.org/tragic-day-for-aquarius-in-the-mediterranean-a-fatal-shipwreck-and-new-interception-of-migrant-boat-by-libyan-coast-guard/?lang=en> Yesterday the *Aquarius*, chartered by SOS MEDITERRANEE and operated in partnership with Médecins Sans Frontières (MSF), faced one of its most tragic days at sea since the beginning of its mission in the Central Mediterranean almost two years ago.

SHIP RECYLING

What Will 2018 Bring to the Ship Recycling Industry? By Nikos Mikelis, GMS. *Maritime Executive*. 7 January 2018. Available from: <https://www.maritime-executive.com/editorials/what-will-2018-bring-to-the-ship-recycling-industry> One year ago I contributed an article to *The Maritime Executive* anticipating that 2017 would bring two important developments to the ship recycling industry.

Creating a Global Culture of Safety in Shipbreaking. By Chrys Green, Regional Manager, EMR Group. *Maritime Executive*. 8 January 2018. Available from: <https://www.maritime-executive.com/corporate/creating-a-global-culture-of-safety-in-shipbreaking> In 2016, 86 percent of the world's end-of-life vessels were broken up under rudimentary conditions on Asian beaches.

The conundrum of the enforcement of the Hong Kong. By Dr Kanu Priya Jain, Coordinator for Responsible Ship Recycling, GMS. *Splash 24/7*. 12 January 2018. Available from: <http://splash247.com/conundrum-enforcement-hong-kong-convention/> More than eight years after the IMO's Hong Kong international convention for the safe and environmentally sound recycling of ships (HKC) was adopted, currently, the biggest question being asked in the corridors of the ship recycling industry is "when will the HKC come into force".

GMS responds to Norges bank exclusions. *Maritime Executive*. 20 January 2018. Available from: <https://www.maritime-executive.com/editorials/gms-responds-to-norges-bank-exclusions#gs.eClib5o> Last week, Norway's sovereign wealth fund, the largest in the world at a valuation of \$1 trillion, announced its decision to exclude four shipping firms from its portfolio over their shipbreaking practices.

Are tanker owners heading for a difficult scrap? By Edwin Lampert. *Tanker Shipping & Trade*. 24 January 2018. Available from: http://www.tankershipping.com/news/view_are-tanker-owners-heading-for-a-difficult-scrap_50561.htm The decision by Norges Bank and the Council of Ethics of the Norwegian Government Pension Fund Global to blacklist a number of shipping companies whose vessels are beached at recycling facilities in Bangladesh and Pakistan raises a couple of related questions.

Ship-breaking bill passed in parliament. *Daily Star (Bangladesh)*. 25 January 2018. Available from: <http://www.thedailystar.net/backpage/ship-breaking-bill-passed-parliament-1524895> Parliament last night passed "Bangladesh Ship Recycling Bill, 2018", which has provisions for imprisonment and fines for violation of the law.

Bill makes workers' insurance compulsory for shipbreaking industry. *Dhaka Tribune (Bangladesh)*. 25 January 2018. Available from: <https://www.dhakatribune.com/business/regulations/2018/01/24/bill-passed-making-workers-insurance-must-ship-recycling-industry/> A bill titled, 'Bangladesh Ship Recycling Bill, 2018,' was passed in the parliament keeping a provision of tougher punishment for violations of the law, aiming to give a further boost to the country's fast-growing ship recycling industry.

Shipbreaking Yards: No let-up in deaths. *Daily Star (Bangladesh)*. 30 January 2018. Available from: <http://www.thedailystar.net/frontpage/shipbreaking-yards-no-let-deaths-1526998> Two shipbreaking workers were killed at two scrap yards in Sitakunda in the early hours of yesterday and Sunday afternoon.

SHIPBUILDING & SHIPREPAIR

Russia official announces plans to build space age nuclear icebreakers. By Charles Digges. *Bellona Foundation*. 3 January 2018. Available from: <http://bellona.org/news/nuclear-issues/nuclear-russia/2018-01-russia-official-announces-plans-to-build-space-age-nuclear-icebreakers> Dmitry Rogozin, Russia's colorful deputy prime minister, has again made headlines by claiming the country will build a series of advanced nuclear icebreakers that have long been considered a mere fantasy.

Exciting new shuttle tanker concept with Wärtsilä solutions creates optimal economic and environmental performance. *Wärtsilä Corporation*. 9 January 2018. Available from: <https://www.wartsila.com/media/news/09-01-2018-exciting-new-shuttle-tanker-concept-with-wartsila-solutions-creates-optimal-economic-and-environmental-performance-2097670> The concept offers a new level of economic and ecological performance, and is expected to reduce annual emissions of CO2 equivalents by more than 40 percent, compared to conventional shuttle tankers.

Korea Maritime Corporation to back building of 200 ships by 2020. By Xiaolin Zeng. *Fairplay*. 12 January 2018. Available from: <https://fairplay.ihs.com/ship-construction/article/4296196/korea-maritime-corporation-to-back-building-of-200-ships-by-2020> As many as 40 shipping companies can expect to receive subsidies from Korea Maritime Corporation, covering 15-40% of the newbuilding price.

Shipbuilding In 2017: Any signs of improvement? *Clarksons Shipping Intelligence Network*. 19 January 2018. Available from: <https://sin.clarksons.net/features/details/50121> Despite an uptick in ordering, 2017 was another difficult year for the shipbuilding industry, with contracting remaining well below trend and most shipyards continuing to feel the pressure.

Philippines joins elite 20,000 teu club. By Sam Chambers. *Splash 24/7*. 26 January 2018. Available from: <http://splash247.com/philippines-joins-elite-20000-teu-club/> The Philippines yesterday celebrated another step towards the elite of shipbuilding with the delivery of its first 20,000 teu class boxship.

CMA CGM takes delivery of its new flagship CMA CGM ANTOINE DE SAINT EXUPERY. *CMA CGM*. 26 January 2018. Available from: <http://www.cma-cgm.com/news/1906> The CMA CGM Group, a world leader in maritime transportation, is pleased to announce the arrival in its fleet of its new flagship and world's biggest containership flying the French flag: *CMA CGM ANTOINE DE SAINT EXUPERY*.

SHIPPING

The shipping industry's real environmental image. By Marcus Hand. *Seatrade Maritime News*. 2 January 2018. Available from: <http://www.seatrade-maritime.com/news/asia/shipping-industry-s-real-environmental-image.html> I read an awful lot of press releases, and listen to many speeches, about how shipping is really an environmentally friendly industry, this is despite the fact the vast majority of it burns what is essentially refining industry waste for fuel.

Why the future of shipping is looking green and autonomous. By Jeff Desjardins. *World Economic Forum*. 2 January 2018. Available from: <https://www.weforum.org/agenda/2018/01/why-the-future-of-shipping-is-looking-green-and-autonomous> Today's infographic comes to us from Futurism, and it gives examples of ships already in production - or in the concept phase - that aim to make activity on the world's oceans greener and more autonomous.

Will 2018 be the year that LNG as a marine fuel comes of age? By Marcus Hand. *Seatrade Maritime News*. 3 January 2018. Available from: <http://www.seatrade-maritime.com/news/europe/will-2018-be-the-year-that-lng-as-a-marine-fuel-comes-of-age.html> The current excitement being seen around LNG as a marine fuel is not the first time it's been heralded as the fuel of the future, but that this time it really appears to be gaining traction.

Hyundai Merchant CEO: This is how we double the fleet in 2022. By Louise Vogdrup-Schmidt. *ShippingWatch*. 3 January 2018. Available from: <https://shippingwatch.com/secure/carriers/Container/article10167324.ece> There will be plenty of challenges to address for Maersk Line's South Korean partner HMM this year and over the coming years.

Global shipping fleet to grow 4.1% every year until 2021. By Wei Zhe Tan. *Lloyd's List*. 3 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120687/Global-shipping-fleet-to-grow-41-every-year-until-2021> The global shipping fleet is expected to rise by an average of 4.1% per annum over the next five years to 1.65bn dwt by the end of 2021, according to a report.

India is now world's second-largest LPG importer. By Xiaolin Zeng. *Fairplay*. 4 January 2018. Available from: <https://fairplay.ihs.com/tankers/gas/article/4295846/india-is-now-world%E2%80%99s-second-largest-lpg-importer> India has overtaken Japan as the world's second-largest liquefied petroleum gas (LPG) importer, based on IHS Waterborne's data for 2017.

Management of foreign-owned ships on Norwegian International Ship Registry. *Hellenic Shipping News*. 4 January 2018. Available from: <http://www.hellenicshippingnews.com/management-of-foreign-owned-ships-on-norwegian-international-ship-registry/> In some transactions, a non-Norwegian company may wish to register its ship with the Norwegian International Ship Register (NIS).

Optimism likely to outweigh pessimism for shipping in 2018. By Richard Greiner. *Moore Stephens*. 4 January 2018. Available from: <https://www.moorestephens.co.uk/news-views/january-2018/optimism-likely-to-outweigh-pessimism-for-shipping> According to a recent study, pessimists live longer than optimists, and shipping is short of neither.

Shipping should welcome binding climate change goals. By Eric Martin. *TradeWinds*. 4 January 2018. Available from: <http://www.tradewindsnews.com/casualties/1405503/shipping-should-welcome-binding-climate-change-goals> Hitching a ride on the trend away from petroleum-based fossil fuels, driven by existing regulation, is not enough in the face such an existential threat

2017 was year of change in shipping - Caution required in 2018. By Peter Sand. *BIMCO*. 4 January 2018. Available from: https://www.bimco.org/news/market_analysis/2018/20180102_2017-was-year-of-change-in-shipping Economic growth has accelerated in Europe, Asia and the Americas since mid-2016, and the IMF now expects the global GDP growth rate to raise slightly in 2018 to reach 3.7%, up from 3.6% in 2017.

The top issues facing shipping in 2018 according to BIMCO. By Marcus Hand. *Seatrade Maritime News*. 4 January 2018. Available from: <http://www.seatrade-maritime.com/news/europe/video-the-top-issues-facing-shipping-in-2018-according-to-bimco.html> BIMCO CEO and secretary general Angus Frew sees the environment as the most important item on the agenda for shipping in 2018.

Hong Kong to host shipping 'Davos'. By Julian Bray. *TradeWinds*. 4 January 2018. Available from: <http://www.tradewindsnews.com/finance/1406640/hong-kong-to-host-shipping-davos> Hong Kong has won the right to host the first annual summit of the new Global Maritime Forum, which will take place over two days in early October.

Panama cancelling registration of two vessels linked to North Korea trading. By Michele Labrut. *Seatrade Maritime News*. 5 January 2018. Available from: <http://www.seatrade-maritime.com/news/americas/panama-cancelled-registration-of-two-vessels-linked-to-north-korea-trading.html> The Panama Maritime Authority of (AMP) has begun cancelling the registration of the *Orient Shenyu* (also known as *Glory Hope 1*) one of 10 vessels the US called on the UN to blacklist for trading with North Korea.

Indian Register of Shipping celebrates its key achievements of 2017- Maintains a cautiously optimistic outlook for 2018. *Indian Register of Shipping (IRClass)*. 5 January 2018. Available from: <http://www.irclass.org/media-and-publications/news/indian-register-of-shipping-celebrates-its-key-achievements-of-2017-maintains-a-cautiously-optimistic-outlook-for-2018/> Continuing its growth trajectory, Indian Register of Shipping has concluded 2017 on a successful note with increased class fleet, growing global recognition, improved geographical presence and strengthened its capabilities through several new initiatives.

Shifting Times for Shipping and Insurance. By Thya Kathiravel, Deputy Global Director (Underwriting), North P&I Club. *Maritime Executive*. 7 January 2018. Available from: <https://www.maritime-executive.com/blog/shifting-times-for-shipping-and-insurance> During the course of 2017 a number of the long-standing economic challenges facing the global shipping market abated to a certain extent, at least for some sectors.

Maritime stakeholders hail NIMASA capacity building initiative, pledge support for NSDP Cadets. *News Express (Nigeria)*. 8 January 2018. Available from: <http://www.newsexpressngr.com/news/48429--Maritime-stakeholders-hail-NIMASA-capacity-building-initiative-pledge-support-for-NSDP-Cadets> The capacity building initiative of the Nigerian Maritime Administration and Safety Agency (NIMASA) through the Nigerian Seafarers Development Programme (NSDP) has again received commendation from Stakeholders and industry players in the Nigerian maritime sector.

The Nautical Institute's 2017 Year in Retrospect. By Captain David Snider, President, Nautical Institute. *Maritime Executive*. 8 January 2018. Available from: <https://www.maritime-executive.com/editorials/the-nautical-institute-s-2017-year-in-retrospect> When writing an end of year retrospective, one is usually prone to look for industry deviations from past norms as either highlights or lowlights of the preceding 12 months

Interview: No Market for Unmanned Ships in Tanker Sector. *World Maritime News*. 9 January 2018. Available from: <https://worldmaritimeneeds.com/archives/240071/interview-no-market-for-unmanned-ships-in-tanker-sector/> On the back of the technological developments in autonomy, and other major trends in the maritime industry, including digitalisation, digital disruption and steps taken towards green shipping, World Maritime News spoke to Gernot Ruppelt, Chief Commercial Officer, Ardmore Shipping, who said that tankers would not benefit from vessel autonomy

Who are the main shipping organisations and what do they do? By Malcolm Latache. *ShipInsight*. 9 January 2018. Available from: <https://shipinsight.com/main-shipping-organisations/> ShipInsight frequently mentions international shipping bodies and the following is a brief introduction to the major shipping organisations and their roles beginning with the leading regulatory body.

50 years on, pioneer of oil and gas safety tech still sees room to grow. By Jamey Bergman.

Tanker Shipping & Trade. 10 January 2018. Available from:

http://www.tankershipping.com/news/view,50-years-on-pioneer-of-oil-and-gas-safety-tech-still-sees-room-to-grow_50406.htm An equipment manufacturer for safety technologies used onboard product and chemical tankers and LNG vessels said it is investing in "innovative solutions" for an evolving market based on a lifetime of work from one of its longest-serving employees.

LNG to drive Arctic shipping development. By Vitaly Chernov. *Port News*. 10 January 2018.

Available from: <http://www.en.portnews.ru/comments/2446/> Liquefied natural gas is becoming the key driver for the development of the Arctic and Arctic shipping, both in Russia and in the USA..

World fleet and flags under the spotlight. By Malcolm Latache. *ShipInsight*. 12 January 2018.

Available from: <https://shipinsight.com/world-fleet-flags-spotlight/> Any breakdown of the world fleet into ship type, ownership or any other parameter can only ever be a snapshot because it changes constantly as ships are scrapped, newbuildings delivered and vessels change hands all the time.

Connectivity, Innovation and Talent. *Maritime and Port Authority of Singapore (MPA)*. 12 January 2018.

Available from: <https://www.mpa.gov.sg/web/portal/home/media-centre/news-releases/detail/83647952-0b16-4a15-ba04-32f14ba29bb2> Dr Lam Pin Min, Senior Minister of State (SMS) for Ministry of Transport and Ministry of Health, launched the Sea Transport Industry Transformation Map (ITM) at the annual Singapore Maritime Foundation New Year Cocktail Reception this evening.

China's huge air pollution problems could benefit gas carriers. By Katrine Grønvald Raun.

ShippingWatch. 12 January 2018. Available from:

<https://shippingwatch.com/secure/carriers/Tanker/article10197035.ece> The Chinese government's efforts to reduce pollution in the world's most populous country are good news for gas carriers.

Landmark liner blockchain solution to debut in June. By Sam Chambers. *Splash 24/7*.

12 January 2018. Available from: <http://splash247.com/landmark-liner-blockchain-solution-debut-june/> 300cubits, a Hong Kong-based tech initiative launched last August, has set a June date for what could be container shipping's very first blockchain system to go live.

Sauder profs to lead international research network on eco-friendly shipping. By Ryan Patrick Jones. *University of British Columbia (Canada)*. 14 January 2018. Available from:

<https://www.ubyssey.ca/news/sauder-profs-to-lead-international-research-network-on-eco-shipping/> The Green Shipping Partnership (GSP) is investigating efforts to encourage greener shipping practices and will contribute policy recommendations aimed at reducing the negative impacts of shipping on the environment.

"Cyprus Shipping - Where will it set sail in 2018?". By Thomas A Kazakos, Director General, Cyprus Shipping Chamber. *Cyprus Mail*. 14 January 2018. Available from:

<http://cyprus-mail.com/2018/01/14/cyprus-shipping-will-sail-2018/?hilite=%27shipping%27> The "Year of Salvation", 2018, has already arrived.

First ever container ship to receive cyber enabled ship descriptive note 'Cyber AL3 SECURE PERFORM (Energy Management System)' is delivered. *Lloyd's Register*. 16 January 2018. Available from:

<http://www.lr.org/en/news-and-insight/news/first-ever-container-ship-to-receive-cyber-enabled-ship-descriptive-note-cyber-al3.aspx> *MV COSCO Shipping Aries*, delivered to COSCOS today, is the first ever container ship to receive LR's Cyber-enabled ship (CES) descriptive note 'Cyber AL3 SECURE PERFORM' for its energy management system.

Sydney scientists claim billions can be saved from revolutionary new coating. By Sam Chambers.

Splash 24/7. 17 January 2018. Available from: <http://splash247.com/sydney-scientists-claim-billions-can-saved-revolutionary-new-coating/> A team of chemistry researchers from the University of Sydney Nano Institute has developed nanostructure surface coatings that have anti-fouling properties without using any toxic components.

WEF says cyber security tops global risks concerns. By Richard Clayton. *Lloyd's List.*

17 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120882/WEF-says-cyber-security-tops-global-risks-concerns> Environmental, economic, and geopolitical risk are all major concerns for business, according to the World Economic Forum; however, cyber security is top of the agenda

Korean Register to Provide Statutory Services to Portugal. *Maritime Executive.* 17 January 2018.

Available from: <https://www.maritime-executive.com/corporate/korean-register-to-provide-statutory-services-to-portugal> Korean Register (KR) - an IACS member classification society - has been granted authorization by the Portugal Maritime Authority (DGRM) to deliver statutory services on behalf of the Portugal flag state..

Everything you should know about reefer shipping. *Port Technology International.*

17 January 2018. Available from:

https://www.porttechnology.org/news/everything_you_need_to_know_about_reefer_shipping The term 'reefer' is used in shipping to refer to refrigerated ships and refrigerated shipping containers that transport perishable commodities by sea.

New ECSA chairman on speed limit for ships: "It would work wonders". By Niklas Krigslund.

ShippingWatch. 18 January 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10214953.ece> The new chairman of the European Community Shipowners' Association, Panos Laskaridis, says that a speed limit for ships could be one of several solutions for reducing shipping's greenhouse gas emissions in the short term. NGO is pleased with the statement.

Automation, cyber security and the environment: shipping in 2017. By Elly Earls.

Ship-Technology.Com. 18 January 2018. Available from: [https://www.ship-](https://www.ship-technology.com/features/automation-cyber-security-environment-shipping-2017/)

[technology.com/features/automation-cyber-security-environment-shipping-2017/](https://www.ship-technology.com/features/automation-cyber-security-environment-shipping-2017/) The International Maritime Organization's (IMO's) fuel sulphur regulations, autonomous ports and ships, and cyber security and risk management proved hot topics for the shipping industry during 2017.

New Maritime Minister, Nusrat Ghani MP welcomes Women in Maritime Taskforce. *Maritime UK.*

18 January 2018. Available from: <https://www.maritimeuk.org/media-centre/news/news-new-maritime-minister-nusrat-ghani-mp-welcomes-women-maritime-taskforce/> Ghani, only the second woman to hold the Department for Transport portfolio for the UK's £40bn maritime sector.

[Women in Maritime Taskforce Established](#)

Hapag-Lloyd sees shipping transport demand up, more mergers in 2018. By Vera Eckert. *Reuters.*

18 January 2018. Available from: <https://www.reuters.com/article/hapagllloyd-outlook/hapag-loyd-sees-shipping-transport-demand-up-more-mergers-in-2018-idUSL8N1PD0U7> German shipping group Hapag-Lloyd sees demand for transport growing 4 percent in 2018 and expects more shipping firms to merge in the year, the chief executive said.

Over 1000 women seafarers share sexual harassment experiences. By Katrine Grønvald Raun.

ShippingWatch. 19 January 2018. Available from:

<https://shippingwatch.com/carriers/article10219785.ece> 🗣️ 1,150 Swedish women in the Swedish shipping industry have shared witness accounts of sexual harassment and abuse on board vessels.

Interview with European Maritime Safety Agency Executive Director Markku Mylly. *gCaptain.*

19 January 2018. Available from: <http://gcaptain.com/gibraltar-shipping-interview-with-european-maritime-safety-agency-executive-director-markku-mylly/> Markku Mylly is Executive Director at EMSA, responsible for providing technical and scientific assistance to the European Commission and Member States in the proper development and implementation of EU legislation on maritime safety, pollution by ships and security on board ships.

Let the time-wasting stop on tackling gender inequality. By Helen Kelly. *Lloyd's List.*

19 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120921> New taskforce has a huge challenge ahead of it to overturn ingrained gender bias in the maritime industries.

Ship registration put on ice. *Daily News (Tanzania)*. 20 January 2018. Available from: <https://www.dailynews.co.tz/index.php/home-news/55469> The Head of State issued the directive at the Julius Nyerere Convention Centre (JNCC) when addressing employees of the Ministry of Foreign Affairs and East African Cooperation, where he tasked the Minister for Works, Transport and Communications, Prof Makame Mbarawa and his Zanzibar counterpart, Ambassador Ali Abeid Karume, to fully implement the directive.

Environmental organisations and shipping industry call for carriage ban on non-compliant fuel. *Transport & Environment*. 22 January 2018. Available from: <https://www.transportenvironment.org/press/environmental-organisations-and-shipping-industry-call-carriage-ban-non-compliant-fuel> Leading environmental organisations and the global shipping industry have joined in calling for an explicit prohibition on the carriage of non-compliant marine fuels when the global 0.5% sulphur cap takes effect in 2020.

China's maritime economy expands by 7.5% in recent five years. *Government of China*. 22 January 2018. Available from: http://english.gov.cn/state_council/ministries/2018/01/22/content_281476022217720.htm The gross production value of China's maritime industry grew by 7.5 percent annually on average in the past five years, accounting for nearly 10 percent of the country's GDP, the State Oceanic Administration (SOA) announced on Jan 21.

Global shipping industry failing to fill gender pay gap. By Alexander Whiteman. *gCaptain*. 22 January 2018. Available from: <http://gcaptain.com/global-shipping-industry-failing-to-fill-gender-pay-gap/> Ethical and moral standards notwithstanding, companies boasting mixed boards can boast higher profits.

Cooperation is the Key to Ferry Industry's Future. By Mike Corrigan. *MarineLink.Com*. 22 January 2018. Available from: <https://www.marinelink.com/news/cooperation-industrys433181> Interferry CEO Mike Corrigan explains how the trade association's 'stronger together' mission is helping to shape outcomes on the pressing issues of safety, security and the environment.

Chinese shipping needs more talent, says Shanghai Shipping Exchange. By Cichen Shen. *Lloyd's List*. 22 January 2018. Available from: <https://lloydslist.maritimeintelligence.informa.com/LL1120929> China is in dire need of more talented professionals who can help the country's maritime industry move to the next level, according to Shanghai Shipping Exchange president Zhang Ye.

Denmark targets digitalisation as it sets out global maritime hub plans for 2025. By Marcus Hand. *Seatrade Maritime News*. 23 January 2018. Available from: <http://www.seatrade-maritime.com/news/europe/denmark-targets-digitalisation-as-it-sets-out-global-maritime-hub-plans-by-2025.html> The Danish Ministry of Economic and Business Affairs said that the plan aimed for Denmark to be a frontrunner in developing autonomous maritime technologies and maritime digitalization.

Clean Arctic Alliance response to new record volume of goods shipped on the Northern Sea Route. *Clean Arctic Alliance*. 23 January 2018. Available from: <http://www.hfofreearctic.org/en/2018/01/23/clean-arctic-alliance-response-to-new-record-volume-of-goods-shipped-on-the-northern-sea-route/> Responding to the latest figures from the Russian Federal Agency for Maritime and River Transport regarding a record volume of 9,737 million tons of goods shipped on the Northern Sea Route during 2017, Dr Sian Prior, lead advisor to the Clean Arctic Alliance said...

'Maritime a sure way of growing African economy'. By Sulaimon Salau. *Guardian (Nigeria)*. 24 January 2018. Available from: <https://guardian.ng/business-services/maritime/maritime-a-sure-way-of-growing-african-economy/> The Chairman, Association of African Maritime Administration (AAMA), Dakuku Peterside, has said the maritime sector is crucial to the growth and development of the African economy.

Professor questions several aspects of Maersk and IBM's blockchain project. By Søren Pico.

ShippingWatch. 24 January 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10238318.ece> It is far from certain that Maersk and IBM will win the race to produce the future data platform for shipping despite massive attention and interest in the two parties' collaboration, says Shipping Professor Roar Os Ådland when ShippingWatch meets him.

Hempel launches new performance monitoring system. By Vincent Wee. *Seatrade Maritime News*.

25 January 2018. Available from: <http://www.seatrade-maritime.com/news/europe/hempel-launches-new-performance-monitoring-system.html> Billed as fuel efficiency intelligence, the Systems for Hull and Propeller Efficiency (SHAPE) is based on the ISO 19030 framework, and combines elements of hull and propeller efficiency optimisation, making expert advice and solutions available to every ship operator.

Tanzania's flags of inconvenience. By Simon Allison. *Mail & Guardian (South Africa)*.

26 January 2018. Available from: <https://mg.co.za/article/2018-01-26-00-tanzanias-flags-of-inconvenience> The *Andromeda* has seen better days - the cracked deck and inoperable lifeboats attest to that.

Denmark to name sulfur cheaters. By Louise Vogdrup-Schmidt and Katrine Grønvald Raun.

ShippingWatch. 26 January 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10247044.ece> If a carrier violates sulfur requirements in Danish waters, it will no longer be possible to save face and reputation.

ECSCA chairman encourages EU countries to protect shipping. By Niklas Krigslund.

ShippingWatch. 26 January 2018. Available from:

<https://shippingwatch.com/secure/carriers/article10247011.ece> The new chairman for the European Community Shipowner's Association (ECSCA), Panos Lakaridis, warns that current, tough competition from Asia will intensify in coming years.

Japanese firms to launch LNG bunkering business. By Jamey Bergman. *LNG World Shipping*.

29 January 2018. Available from: http://www.lngworldshipping.com/news/view,japanese-firms-to-launch-lng-bunkering-business_50625.htm Four of Japan's largest firms – K Line, NYK Line, Toyota Tsusho Corporation and Chubu Electric Power Co – have begun discussions on a new business to supply LNG to vessels in Japan.

Is a ballast water treatment system necessary? By Malcolm Latache. *ShipInsight*. 30 January 2018.

Available from: <https://shipinsight.com/ballast-water-treatment-system-necessary/> To understand why a system may be unnecessary it is first important to understand why ships carry ballast.

SEALNG launches LNG Bunker Navigator Tool. By Priyanka Ann Saini. *Sea News*.

31 January 2018. Available from: <http://seanews.co.uk/sealng-launches-lng-bunker-navigator-tool/> SEALNG, the multi-sector industry coalition aiming to accelerate the widespread adoption of liquefied natural gas (LNG) as a marine fuel, today announced that it has launched a new free-to-access online tool to improve understanding of the current, and rapidly evolving, LNG bunkering infrastructure landscape.

RESEARCH

Vessel noise cuts down communication space for vocalizing fish and marine mammals.

By R. L. Putland, N. D. Merchant et al. *Global Change Biology*. (2017). Available from:

<http://dx.doi.org/10.1111/gcb.13996> Anthropogenic noise across the world's oceans threatens the ability of vocalizing marine species to communicate.

High Sensitivity of Arctic Liquid Clouds to Long-Range Anthropogenic Aerosol Transport.

By Q. Coopman, T. J. Garrett et al. *Geophysical Research Letters*. (2018). Available from:

<http://dx.doi.org/10.1002/2017GL075795> The rate of warming in the Arctic depends upon the response of low-level microphysical and radiative cloud properties to aerosols advected from distant anthropogenic and biomass-burning sources.

An Overview of Seabed Mining Including the Current State of Development, Environmental Impacts, and Knowledge Gaps.

By Kathryn A. Miller, Thompson, Kirsten F., Johnston, Paul, and

Santillo, David. *Frontiers in Marine Science*. 2018. Available from:

<https://www.frontiersin.org/article/10.3389/fmars.2017.00418> Rising demand for minerals and metals, including for use in the technology sector, has led to a resurgence of interest in exploration of mineral resources located on the seabed.

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.

Current and previous issues of CAB are archived at:
[Maritime Knowledge Centre](#)

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.