



Singapore Police Force via Channel News Asia

Naval Development and Policy:

Invincible, first of Singapore's biggest and most advanced submarines, launches in Germany

— p. 4

Maritime Safety and Security:

Malaysia vessel Polaris, Greece-registered ship collide in Singapore waters: MPA

— p. 6

Shipping, Ports, and the Maritime Economy:

Toxic bacteria found on microplastics along Singapore's coastline

— p. 8

Table of Contents

NAVAL DEVELOPMENT AND POLICY	4
Invincible, first of Singapore's biggest and most advanced submarines, launches in Germany	4
China Focus: BeiDou achieves real-time transmission of deep-sea data	4
CNO Richardson Calls for Tougher Actions in Gray Zone Conflicts with Russia, China	4
China deploys militia as Philippines builds on Pag-asa Island	4
China's first aircraft carrier may become test bed for top flight electromagnetic warplane launcher	5
Future South China Sea FONOPS Will Include Allies, Partners	5
Indonesia, DSME set to strike deal for submarines	5
Frigates under construction in Russia for India to get BrahMos missiles in 2020	5
Liaoning ends maintenance, leaves shipyard	5
CSBC Chairman: Taiwan's indigenous submarine to be ready by Jan. 2024	5
IRGC Navy chief: Hormuz Strait to remain open as long as Iran sells oil	5
Defense Ministry, PT PAL Indonesia to build fast missile boats	5
U.S. Destroyer, Cargo Ship Pass Through Taiwan Strait in 4th Warship Transit in 5 Months	5
SoKor to turn over Pohang-class corvette to PH Navy in June	5
MARITIME SAFETY AND SECURITY	6
Malaysia vessel Polaris, Greece-registered ship collide in Singapore waters: MPA	6
Marine officials probe viral photos of overloaded ferries in Sabah	6
Maldives begin installing surveillance radars by India	6
MMEA accuses Indonesia of encroaching and detaining fishing vessels	6
Jiaolong to return to Mariana Trench on new mothership	6
Japanese grant aid provides advisory services for improving oil spill management capabilities of Sri Lanka Coast Guard	6
Navy seizes eight cargo vessels, tanker in Bintan waters	7
Modernization of maritime units vs. drug smuggling begins	7
S. Korean research ship enters Japanese waters near disputed islets	7
Duterte urges joint efforts to end piracy at sea	7
ESSCom beefs up security level with deployment of more aircrafts	7
Ministry issues seaworthiness certificates to over 33 thousand fishing vessels	7
New software introduced to crack down on illegal activities using fishing boats	7
[Newsmaker] Seoul, Tokyo at odds again over Japan's participation in maritime exercises	7
Exclusive: Despite sanctions, Russian tanker supplied fuel to North Korean ship-crew members	7
PACFLEET commander says this happens when a ship isn't ready to deploy	7
SHIPPING, PORTS, AND THE MARITIME ECONOMY	8
Toxic bacteria found on microplastics along Singapore's coastline	8
DA forges fisheries deal with Papua New Guinea	8
Petronas sets Jan Malaysian Crude OSP at \$64.96/b, up \$2.17/b from Dec	8
Korea's Mega-Merger of Shipyards Set to Dominate Global Shipbuilding	8
Report to Congress on Changes in the Arctic	8
Bangladesh bolsters flagging Dhaka port	9
DP World sues China Merchants Ports, says it turned Djibouti against it	9
BIMCO tempers GDP growth projections ahead of IMO's next greenhouse gas study	9
Liners more digitally mature than their aviation peers	9
Call for IMO to ban single-use plastic bottles at sea	9
Dubai Ports Ease Qatar Cargo Ban After Similar Abu Dhabi Measure	9
Cruise giant Carnival Corp bullish on Chinese market	9
Indonesia Moves to Establish Fishing Zone Near South China Sea	9
Feature: Other ports play catch-up while Singapore takes lead in MFM bunkering	9
Solomon Trader's Bunker Spill Continues Without Containment	9

NOTES

Please click on the links for the full report. All links and news reports are correct at the time of publication. Through this bulletin, you will be linked to external websites. We have no control over the nature, content, and availability of those sites. The inclusion of any links does not necessarily imply a recommendation or endorsement of the views expressed within them.

Should you encounter any problem in retrieving the articles, or if you have any comments/suggestions/request, please feel free to contact us at:

RSISMSP@ntu.edu.sg

Maritime Security Programme, RSIS

Editorial Team

Lee YingHui
Collin Koh



Ministry of Defence, Singapore

SINGAPORE | 18 FEBRUARY | STRAITS TIMES

Invincible, first of Singapore's biggest and most advanced submarines, launches in Germany

Singapore's acquisition of four new Type 218SG submarines, which offer more firepower and combat options, is a timely move as maritime security challenges evolve and countries beef up their submarine fleets, said Defence Minister Ng Eng Hen.

[Full Report](#)

CHINA | 1 FEBRUARY | XINHUA

China Focus: BeiDou achieves real-time transmission of deep-sea data

China has achieved real-time transmission of deep-sea data at 6,000-meter depth through its self-developed BeiDou satellites for the first time, a move essential to more secure, independent and reliable deep-sea data transmission.

[Full Report](#)

JAPAN-SOUTH KOREA | 6 FEBRUARY | THE MAINICHI

Japan cancels defense port call in S. Korea as ties remain tense

Japan's Defense Ministry said Tuesday it decided to cancel a port call by a destroyer in South Korea this spring as relations between the two countries have been strained over alleged provocative acts by each of their militaries.

[Full Report](#)

UNITED STATES | 6 FEBRUARY | USNI NEWS

CNO Richardson Calls for Tougher Actions in Gray Zone Conflicts with Russia, China

The chief of naval operations upped his rhetoric regarding Russian and Chinese "gray-zone" aggression, saying the Navy needed to put pressure on Russia instead of passively reacting to the European competitor and calling for more "muscular" enforcement of rules of the sea when it comes to China.

[Full Report](#)

CHINA | 7 FEBRUARY | RAPPLER

China deploys militia as Philippines builds on Pag-asa Island

China deployed its maritime militia to the vicinity of Pag-asa Island (Thitu Island) in the West Philippine Sea (South China Sea) after the Philippines began constructing on the island, an international think tank said.

Continue on page 5

[Full Report](#)

CHINA | 10 FEBRUARY | SCMP

China's first aircraft carrier may become test bed for top flight electromagnetic warplane launcher

China is considering equipping its only serving aircraft carrier, the Liaoning, with a hi-tech launch system that will render its ski-jump flight deck obsolete and create a platform for training pilots in the latest naval aviation skills.

[Full Report](#)

UNITED STATES | 12 FEBRUARY | USNI NEWS

Future South China Sea FONOPS Will Include Allies, Partners

The U.S. will continue the recent pace of freedom of navigation operations in the South China Sea and will include allies and partners in future missions, the commander of U.S. Indo-Pacific Command told a Senate panel on Tuesday.

[Full Report](#)



INDONESIA | 20 FEBRUARY | KOREA JOONGANG DAILY

Indonesia, DSME set to strike deal for submarines

Korean shipbuilder Daewoo Shipbuilding and Marine Engineering (DSME) is in the final stages of negotiations for a massive deal to export submarines to Indonesia, company sources told the JoongAng Ilbo on Wednesday.

[Full Report](#)

INDIA | 21 FEBRUARY | TASS

Frigates under construction in Russia for India to get BrahMos missiles in 2020

BrahMos missiles will be provided for the two frigates of project 11356M, being built at the Yantar shipyards in Kaliningrad for India, in 2020, Russia's managing co-director of the BrahMos Aerospace company, Alexander Maksichev, told TASS on the sidelines of the IDEX 2019 weapons show.

[Full Report](#)

CHINA | 24 FEBRUARY | GLOBAL TIMES

Liaoning ends maintenance, leaves shipyard

China's first aircraft carrier Liaoning appears to have left the maintenance bay of the Dalian Shipyard on Sunday, as the country's second carrier, the Type 001A, is also expected to soon begin a new sea trial, reports said.

[Full Report](#)

TAIWAN | 25 FEBRUARY | TAIWAN NEWS

CSBC Chairman: Taiwan's indigenous submarine to be ready by Jan. 2024

The Chairman of Taiwan's CSBC Shipbuilding Corporation, Cheng Wen-Lon, speaking at an industry conference on Feb. 25 said that the completion of Taiwan's first indigenous submarine may come sooner than previously anticipated.

[Full Report](#)

IRAN | 25 FEBRUARY | TEHRAN TIMES

IRGC Navy chief: Hormuz Strait to remain open as long as Iran sells oil

Rear Admiral Alireza Tangsiri, the IRGC Navy chief, has said that the Strait of Hormuz will remain open as long as Iran sells its oil.

[Full Report](#)

INDONESIA | 25 FEBRUARY | ANTARA

Defense Ministry, PT PAL Indonesia to build fast missile boats

The Defense Ministry and state-run ship builder PT PAL Indonesia have signed a contract to build two fast missile boats of 60-meter class (KCR-60), to support the country's weaponry system.

[Full Report](#)

UNITED STATES | 25 FEBRUARY | USNI NEWS

U.S. Destroyer, Cargo Ship Pass Through Taiwan Strait in 4th Warship Transit in 5 Months

Two U.S. Navy ships passed through the Taiwan Strait today for the fourth time in recent months, in a move that is allowed under international law but usually provokes a negative reaction from China.

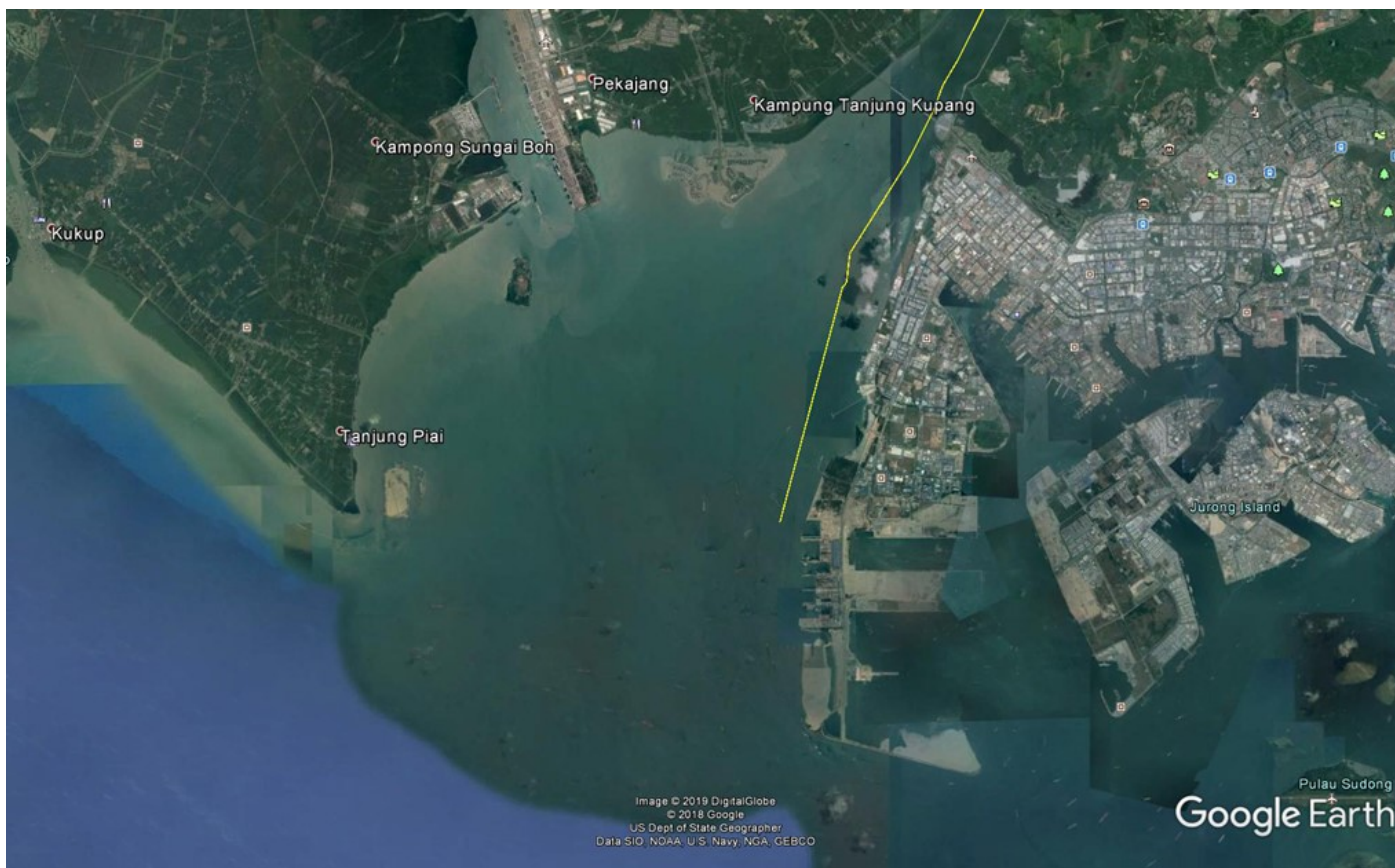
[Full Report](#)

THE PHILIPPINES-SOUTH KOREA | 28 FEBRUARY | PHILIPPINE NEWS AGENCY

SoKor to turn over Pohang-class corvette to PH Navy in June

The Pohang-class corvette, donated by the South Korean government to the country, will be formally turned over to the Philippine Navy (PN) on the third week of June.

[Full Report](#)



MALAYSIA-SINGAPORE | 9 FEBRUARY | CHANNEL NEWSASIA

Malaysia vessel Polaris, Greece-registered ship collide in Singapore waters: MPA

Malaysian buoy-laying vessel Polaris and a Greece-registered ship collided in Singapore waters on Saturday (Feb 9), the Maritime and Port Authority of Singapore (MPA) said.

[Full Report](#)

MALAYSIA | 1 FEBRUARY | THE STAR ONLINE

Marine officials probe viral photos of overloaded ferries in Sabah

Marine officials are investigating claims by passengers of a ferry from Labuan to Sabah's south-western Menumbok that their boat was overloaded both in terms of passengers, as well as vehicles.

[Full Report](#)

INDIA-MALDIVES | 4 FEBRUARY | THE SUN (MALDIVES)

Maldives begin installing surveillance radars by India

Maldives has begun installing the Coastal Radar Surveillance System (CSRR) donated to the Maldives by Indian government.

[Full Report](#)

INDONESIA-MALAYSIA | 13 FEBRUARY | THE STAR ONLINE

MMEA accuses Indonesia of encroaching and detaining fishing vessels

The Malaysian Maritime Enforcement Agency (MMEA) accuses Indonesian authorities of intruding into Malaysian waters and detaining local fishing vessels.

[Full Report](#)

CHINA | 15 FEBRUARY | CHINA DAILY

Jiaolong to return to Mariana Trench on new mothership

In July, Shenhai Yihao (Deep Sea No.1), the new mothership for deep-sea manned submersible Jiaolong, is expected to carry out research on the scientific application and performance optimization of Jiaolong.

[Full Report](#)

JAPAN-SRI LANKA | 16 FEBRUARY | COLOMBO PAGE

Japanese grant aid provides advisory services for improving oil spill management capabilities of Sri

Continue on page 7

Lanka Coast Guard

[Full Report](#)

Sri Lanka Coast Guard successfully completed an oil spill incident management training program for the Coast Guard personnel conducted under the Japanese grant aid as a collaborative training between Japanese Coast Guard and the Sri Lankan Coast Guard (SLCG).

[Full Report](#)

INDONESIA | 16 FEBRUARY | THE JAKARTA POST

Navy seizes eight cargo vessels, tanker in Bintan waters

The Indonesian Navy foiled an alleged illegal ship-to-ship transfer of supplies involving foreign-flagged vessels in the waters of Bintan, Riau Islands, last week, a senior officer has reported.

[Full Report](#)

THE PHILIPPINES | 17 FEBRUARY | PHILIPPINE NEWS AGENCY

Modernization of maritime units vs. drug smuggling begins

The Philippine National Police (PNP) has started the modernization of its maritime units in a bid to enhance its capability to combat seaborne illegal drugs smuggling.

[Full Report](#)



JAPAN-SOUTH KOREA | 19 FEBRUARY | THE MAINICHI

S. Korean research ship enters Japanese waters near disputed islets

The government said Tuesday a South Korean marine research vessel recently entered Japanese territorial waters near a pair of islands in the Sea of Japan disputed by the two countries, leading Tokyo to lodge a protest with Seoul.

[Full Report](#)

THE PHILIPPINES | 20 FEBRUARY | PHILIPPINE NEWS AGENCY

Duterte urges joint efforts to end piracy at sea

President Rodrigo R. Duterte on Tuesday night called on members of the Brunei Darussalam-Indonesia-Malaysia-Philippines East ASEAN Growth Area (BIMP-EAGA) to exert combined efforts to end piracy at sea.

MALAYSIA | 22 FEBRUARY | BORNEO POST

ESSCom beefs up security level with deployment of more aircrafts

The Eastern Sabah Security Command (ESSCom) through its air operations division will mobilize efforts to increase the security level in the Eastern Sabah Security Zone (ESSZone) with the empowerment of integrated air monitoring and control.

[Full Report](#)

INDONESIA | 22 FEBRUARY | ANTARA

Ministry issues seaworthiness certificates to over 33 thousand fishing vessels

The Transportation Ministry has issued certificates of seaworthiness and safety to 33,052 fishing vessels as of February 2019.

[Full Report](#)

SRI LANKA | 22 FEBRUARY | COLOMBO PAGE

New software introduced to crack down on illegal activities using fishing boats

State Minister of Fisheries and Aquatic Resources Development Dilip Wedaarachchi has taken steps to introduce a special software for the controlling of illegal activities including drug smuggling.

[Full Report](#)

JAPAN-SOUTH KOREA | 24 FEBRUARY | THE KOREA HERALD

[Newsmaker] Seoul, Tokyo at odds again over Japan's participation in maritime exercises

Seoul and Tokyo are at odds over Japan's participation in planned multinational maritime exercises in spring, raising tension between the two countries already strained by a recent military spat and historical issues.

[Full Report](#)

NORTH KOREA-RUSSIA | 26 FEBRUARY | REUTERS

Exclusive: Despite sanctions, Russian tanker supplied fuel to North Korean ship-crew members

Russian tanker violated international trade sanctions by transferring fuel to a North Korean vessel at sea at least four times between October 2017 and May 2018, two crew members who witnessed the transfers said.

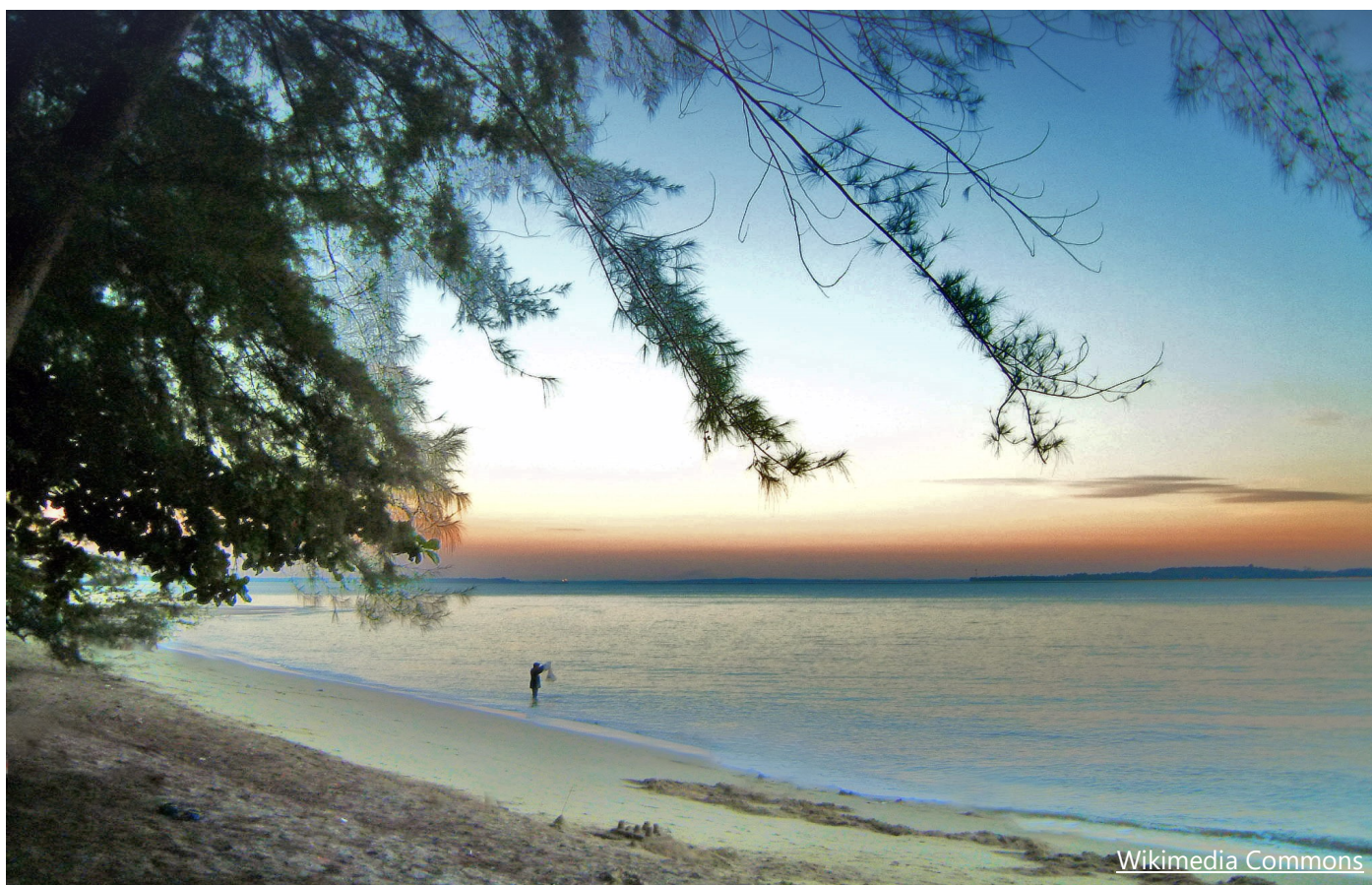
[Full Report](#)

UNITED STATES | 26 FEBRUARY | NAVY TIMES

PACFLEET commander says this happens when a ship isn't ready to deploy

As the Navy revamps its surface fleet in the wake of two fatal 2017 warship collisions, vessels that aren't ready to deploy aren't getting underway.

[Full Report](#)



SINGAPORE | 11 FEBRUARY | CHANNEL NEWS ASIA

Toxic bacteria found on microplastics along Singapore's coastline

Toxic bacteria that can cause toxic infections on open wounds have been found on microplastics collected from three coastal areas in Singapore.

[Full Report](#)

PHILIPPINES-PAPUA NEW GUINEA | 4 FEBRUARY | FISH INFORMATION AND SERVICES

DA forges fisheries deal with Papua New Guinea

The Department of Agriculture (DA), through the Bureau of Fisheries and Aquatic Resources (BFAR), has forged a deal on fisheries development with the National Fisheries Authority (NFA) of the Independent State of Papua New Guinea.

[Full Report](#)

MALAYSIA | 4 FEBRUARY | S&P GLOBAL

Petronas sets Jan Malaysian Crude OSP at \$64.96/b, up \$2.17/b from Dec

State-owned Petronas raised the Malaysian Crude Oil official selling price for a basket of crude grades loaded in January by \$2.17/b from December to \$64.96/b, the company said Monday.

[Full Report](#)

SOUTH KOREA | 6 FEBRUARY | THE WALL STREET JOURNAL

Korea's Mega-Merger of Shipyards Set to Dominate Global Shipbuilding

Shipyards in South Korea are trying to forge a new shape for the industrial sector that underpins global shipping.

[Full Report](#)

UNITED STATES | 8 FEBRUARY | USNI NEWS

Report to Congress on Changes in the Arctic

The diminishment of Arctic sea ice has led to increased human activities in the Arctic, and has heightened interest in, and concerns about, the region's future.

[Full Report](#)

BANGLADESH | 11 FEBRUARY | JOC

Bangladesh bolsters flagging Dhaka port

The government of Bangladesh has begun offering 'priority berthing' to vessels carrying containers destined to Pangaon Container Terminal (PCT), located near the capital city of Dhaka.

[Full Report](#)

CHINA-DJIBOUTI | 13 FEBRUARY | GLOBAL CONSTRUCTION REVIEW

DP World sues China Merchants Ports, says it turned Djibouti against it

Dubai-based global ports operator DP World has taken its fight against the tiny African country of Djibouti to Hong Kong, where it has sued a major Chinese state-owned ports company for turning the Djibouti government against it.

[Full Report](#)

GLOBAL | 14 FEBRUARY | SPLASH 24/7

BIMCO tempers GDP growth projections ahead of IMO's next greenhouse gas study

A global shipowning body has called for regulator International Maritime Organization (IMO) to dismiss high global gross domestic product (GDP) growth projections when addressing its next greenhouse gas (GHG) study, due to get underway next month.

[Full Report](#)

GLOBAL | 20 FEBRUARY | SPLASH 24/7

Liners more digitally mature than their aviation peers

Maritime is often lambasted for being behind the digital curve but a new benchmarking study shows liners are far ahead of their air cargo peers.

[Full Report](#)

GLOBAL | 25 FEBRUARY | SPLASH 24/7

Call for IMO to ban single-use plastic bottles at sea

A call has been made for the International Maritime Organization to regulate against the use of single-use plastic bottles onboard.

[Full Report](#)

UNITED ARAB EMIRATES | 26 FEBRUARY | BLOOMBERG

Dubai Ports Ease Qatar Cargo Ban After Similar Abu Dhabi Measure

Dubai's biggest port operator has followed Abu Dhabi in advising that third-party shippers can now move cargo to and from Qatar, seemingly easing restrictions in place for nearly two years.

[Full Report](#)

CHINA | 26 FEBRUARY | XINHUA

Cruise giant Carnival Corp bullish on Chinese market

Costa Venezia, the first ship designed by Costa and built specially for Chinese guests will arrive at its homeport in Shanghai on May 18, according to Costa Cruises, the Italian brand of Carnival Corporation, the world's largest cruise company, on Monday.

[Full Report](#)



INDONESIA | 26 FEBRUARY | RADIO FREE ASIA

Indonesia Moves to Establish Fishing Zone Near South China Sea

Indonesia is pushing ahead with plans to develop a fishing zone on the edge of the South China Sea, a senior official said Tuesday, as the country seeks to assert sovereignty amid claims of overlapping rights by China.

[Full Report](#)

SINGAPORE | 26 FEBRUARY | MANIFOLD TIMES

Feature: Other ports play catch-up while Singapore takes lead in MFM bunkering

Singapore's mass flowmeter (MFM) bunkering project, initiated by the Maritime and Port Authority of Singapore (MPA) and national standards body SPRING Singapore in 2009, which also resulted in the development of the Technical Reference for bunker mass flow metering (TR48:2015), has reached commercial maturity at the republic.

[Full Report](#)

SOLOMON ISLANDS | 28 FEBRUARY | THE MARITIME EXECUTIVE

Solomon Trader's Bunker Spill Continues Without Containment

The Port of Rotterdam has announced it has joined an Satellite imagery taken February 25 shows that fuel oil from the grounded freighter Solomon Trader has spread for hundreds of meters along a coral reef on the coast of Rennell Island, the southernmost island in the Solomons.

[Full Report](#)