



MAKING WAVES

A maritime news brief covering:

- MARITIME SECURITY
- MARITIME FORCES
- SHIPPING, PORTS AND OCEAN ECONOMY
- MARITIME ENVIRONMENT
- GEOPOLITICS

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MARITIME SECURITY

NAVY SHOWCASES TWIN-CARRIER OPERATIONS IN A MAJOR UPGRADE TO MARITIME SECURITY

As indigenous aircraft carrier INS Vikrant gears up to become fully operational later this year, the Indian Navy has put on display its multi-carrier operations, with the coordinated deployment of Vikrant, INS Vikramaditya and more than 35 aircraft in the Arabian Sea. This marks a significant milestone in the Indian Navy's pursuit of enhancing maritime security and the projection of its power in the Indian Ocean and beyond, the navy spokesperson said. "The exercise involved seamless integration of two aircraft carriers — INS Vikramaditya and the indigenously built INS Vikrant — along with a diverse fleet of ships, submarines and aircraft, showcasing India's technological expertise in the maritime domain," the spokesperson said in a statement. "This demonstration of naval prowess underscores India's commitment to safeguarding its national interests, maintaining regional stability, and fostering cooperative partnerships in the maritime domain," the spokesperson added

Source: [Here](#) 10 June 2023

INDONESIAN VOTERS MUST PAY DUE ATTENTION TO MARITIME SECURITY

As the legislative and presidential elections draw closer, maritime security is an issue that voters should pay attention to and study candidates' policies regarding it. Maritime security is not necessarily limited to warships and naval warfare. It also encompasses the maritime environment's integrity and maritime navigation safety. As an archipelagic nation, Indonesia has an inherent interest in keeping its maritime environment safe and secure from threats at and from the sea.

Source: [Here](#) 15 June 2023

MAIDEN TRILATERAL NAVAL EXERCISE IN GULF OF OMAN DEMONSTRATES INDIA, FRANCE, AND UAE'S COMMITMENT TO MARITIME SECURITY

India, France, and the United Arab Emirates (UAE) successfully concluded their first trilateral maritime exercise in the Gulf of Oman on June 8. The two-day exercise, which began on June 7, involved the participation of naval assets from all three countries. The exercise was aimed at enhancing maritime security and interoperability among the participating nations. The exercise witnessed a wide spectrum of naval operations such as Surface Warfare, involving tactical firing and Drills for Missile engagements on surface targets, Helicopter Cross Deck Landing Operations, gunnery exercises, seamanship drills, Advanced Air Defence Exercise and Boarding operations. The exercise included cross-

embarkation of personnel for the exchange of best practices. India was represented in the exercise by the guided-missile frigate INS Tarkash. France was represented by the frigate FS Surcouf and fighter aircrafts. The UAE was represented by Maritime Patrol Aircraft. Helicopters from all three countries participated in the exercise. The exercise was a success, and the participating navies were able to achieve their objectives. They were able to improve their coordination and interoperability, and they were able to exchange valuable information and best practices.

Source: [Here](#) 09 June 2023

PAK TO EXAMINE IRAN'S INDIAN OCEAN ALLIANCE PROPOSAL MARITIME SECURITY

Pakistan has said it will examine the proposal floated by Iran about forming an Indian Ocean naval alliance aimed at ensuring collective maritime security. Iran's Naval chief Rear Admiral Shahram Irani had proposed the alliance comprising Bahrain, Saudi Arabia, the UAE, India, and Pakistan. We have seen that statement and we will examine any proposal when it comes to Pakistan. At this stage, we are not able to comment on a statement which has been made," Foreign Office spokesperson Mumtaz Zahra Baloch said.

Source: [Here](#) 09 June 2023

INDIA AND VIETNAM STRENGTHENED MARITIME SECURITY FOR REGIONAL SECURITY

In view of growing Chinese aggression in the region, for inclusive growth and global wellbeing India and Vietnam discussed ways to sustain a secure maritime environment. At the 3rd India-Vietnam Maritime Security Dialogue held in New Delhi on May 31, according to an official statement issued by the Ministry of External Affairs, both sides reviewed the ongoing initiatives in the maritime domain. And for comprehensive maritime security the two countries focused on the avenues of reinforcing regional and international mechanisms.

Source: [Here](#) 01 June, 2023

MARITIME FORCES

NO ONE LEFT BEHIND: NATO PRACTICES JPR DURING BALTOPS 23

The central tenant of Personnel Recovery (PR) is preparing for the moment a Soldier, Sailor, Marine or Airman is isolated from their unit, in a combat or contentious scenario. This can be anything from a pilot who is shot down above the Baltic Sea, to special forces stranded behind enemy lines – with adversaries actively trying to harm the recovery target and PR team flying to the rescue. It is a general term for a wide variety of recoveries, but it boils down to a simple statement – no one left behind. The nature of modern combat means allied forces will never know when, how, or where a recovery scenario will kick off. In BALTOPS 23, the dynamic nature of PR is mitigated by relentless practice – five events,

ranging from stranded-at-sea helicopter rescues to Tactical Recovery of Aircraft and Personnel, or TRAP, on the beachfront.

Source: [Here](#) 14 June 2023

DOD SECRETARY SELECTS ADM. SAMUEL PAPARO FOR CHIEF OF NAVAL OPERATIONS ROLE

Defence Secretary and a three time Wash100 awardee Lloyd Austin has recommended Adm. Samuel Paparo, commander of US Pacific Fleet, for the position of operations. Senior defence officials told that President Joe Biden has yet to sign Paparo's nomination, which was sent to the White House a week ago. Paparo was commander of US Naval Forces Central Command, US 5th Fleet and Combined Maritime Forces before assuming command of US Pacific Fleet in May 2021. He served as executive assistant to commander of US Fleet Forces Command and to the 31st Chief of Naval Operations and as director of operations, J3, within US Central Command. He would succeed Adm. Mike Gilday, whose four-year term as CNO ends in the fall of 2023, if nominated by the president and confirmed by the Senate, according to a report by Politico.

Source: [Here](#) 13 June, 2023

PH, JAPAN, US KICK OFF JOINT DRILLS; ELEVATE MARITIME COOPERATION

The Philippines, Japan and the United States kicked off on Thursday their first-ever trilateral maritime exercise, reflecting an increasing interest to level up cooperation for a free and open Indo-Pacific. In an arrival ceremony in Manila, Japan Embassy Chargé d'affaires Kenichi Matsuda said the inaugural drills is Tokyo taking a "step forward towards reinforcing maritime domain awareness and maritime law enforcement" in the region. "Without a doubt, the shared history between Japan, the Philippines and the United States realizes a free and open international order in the Indo-Pacific region," he said.

Source: [Here](#) 02 June 2023

SHIPPING, PORTS AND OCEAN ECONOMY

79 DEAD, HUNDREDS MISSING IN ONE OF EUROPE'S DEADLIEST SHIPPING DISASTERS OFF GREEK COAST

In one of Europe's deadliest shipping disasters in recent years, at least 79 migrants drowned and hundreds more were feared dead after their overloaded boat capsized and sank off the coast of Greece. The vessel, carrying an estimated 750 people, was en-route to Italy from Libya. The incident, one of the deadliest shipping disasters in Europe in recent years, occurred early on June 14 and rescue operations were underway to find survivors. According to a European rescue-support charity, around 750 people were on board the vessel, while the UN's migration agency put the number at up to 400.

Source: [Here](#) 15 June 2023

THE SHIPPING INDUSTRY'S GROWING INTEREST IN METHANOL B UNKERING – LIST

Denmark's Maersk said on Monday it has secured fuel for the world's first container vessel able to run on carbon-neutral methanol for its inaugural journey. Interest in methanol as an alternative fuel for bunkering has grown in the shipping industry, which seeks to achieve net-zero emissions by 2050. Maersk has ordered 19 methanol-enabled ships to work towards a goal of transporting 25% of its ocean cargo using green fuels by 2030. The world's first such ship will arrive in Copenhagen on its maiden voyage this year and be christened on Sept. 14. Also, a dozen methanol-fuelled 16,000-twenty-foot equivalent unit (TEU) vessels, to be built by Hyundai Heavy Industries 329180.KS, will be delivered to Maersk in 2024, and six 17,000-TEU ships are planned for 2025 delivery.

Source: [Here](#) 13 June 2023

NORTHERN SHIPPING SELLS THREE CONTAINER SHIPS TO GLOBAL FEEDER SHIPPING

Dubai-based Global Feeder Services (GFS) continues to buck the asset-light model preference in the feeder container sector with the acquisition of three 3,534-teu vessels from Northern Shipping Holding. The trio is part of a clearing out of older vessels by the German tonnage provider, which brokers reported has sold two larger container ships to Italy's Messina Line.

Source: [Here](#) 13 June 2023

PRICING EMISSIONS FROM SHIPPING: WHERE SHOULD THE MONEY GO?

The backbone of worldwide trade, international shipping moves more than 80 percent of global trade by volume. As a result, international shipping accounts about three percent of global greenhouse gas emissions. Unless shipping moves to zero-carbon fuels and innovative technologies to green its energy footprint, the latest estimates suggest that carbon emissions will grow by 90-130 percent by 2050, as compared to 2008 levels. The International Maritime Organization (IMO), a UN agency, aims to cut those emissions as soon as possible, with a goal of halving them (as compared to 2008 levels) by 2050.

Member states are currently revising shipping's climate ambition to set a course consistent with the temperature goals of the Paris Agreement.

Source: [Here](#) 15 June 2023

US LAYS OUT ITS GREEN GOALS FOR SHIPPING AHEAD OF MEPC 80

Ahead of July's crunch talks at the 80th gathering of the Marine Environment Protection Committee (MEPC) at the headquarters of the International Maritime Organization (IMO), the US has weighed in, giving member states a clear view of what Washington DC would like to see in terms of outcomes. Sue Biniarz, the US deputy special envoy for climate, described July's MEPC meeting as a "key moment" to create emissions reduction targets for the sector that align with the 1.5-degree goal in a post on the Department of State's website. Biniarz argued that the long-term goal of the current IMO greenhouse gas strategy – which includes reducing total annual greenhouse gas emissions by at least 50% by 2050 compared to 2008 – is insufficiently ambitious. The US has proposed the inclusion of a more ambitious goal – specifically, zero emissions from international shipping no later than 2050 – in the revised strategy.

Source: [Here](#) 15 June 2023

MARINE ENVIRONMENT

MARINE ENVIRONMENT AT RISK DUE TO SHIP EMISSIONS

According to a recent study conducted by [Chalmers University of Technology in Sweden](#), the collective release of metals and other environmentally harmful substances by ships poses a significant threat to the marine ecosystem. The researchers assessed the pollution levels caused by these emissions in four ports and discovered that over 90 percent of the contaminants originated from the water discharged by ships' scrubbers, which are designed to cleanse their exhaust fumes. Anna Lunde Hermansson, a doctoral student at Chalmers' Department of Mechanics and Maritime Sciences, emphasizes the importance of stricter regulations regarding the discharge water from scrubbers. She states, "The findings are clear and undeniable. Implementing more stringent controls on scrubber discharge water is essential to mitigate the degradation of the marine environment."

Source: [Here](#) 15 June 2023

ABU DHABI OCEAN REALM: WHERE SEAWORLD ANIMALS LIVE SUSTAINABLY

[Abu Dhabi Ocean Realm](#) is a renowned destination that offers visitors an opportunity to immerse themselves in the mesmerizing underwater world. The Ocean Realm is not only a great place to observe the breathtaking beauty of marine life but also a leader in marine conservation efforts. The center has many sea animals like dolphins, sharks, sea turtles, and others. They are committed to protecting them and the environment.

Source: [Here](#) 15 June 2023

CELEBRATING WORLD OCEANS DAY: REVITALIZING THE MARINE ECOSYSTEM WITH TECHNOLOGY- DRIVEN ENGINEERED REEFS TO ACCELERATE CO₂ CAPTURE

Every year on June 8th, World Oceans Day provides a global platform to raise awareness about the value of our oceans and the critical need for their protection. One thing is for certain: oceans are vital to our existence. Oceans cover 70% of the Earth's surface and is home to up to 80% of all life in the world. Oceans also generate 50% of the oxygen we need, absorb 25% of all carbon dioxide emissions, and capture 90% of the excess heat generated by these emissions. However, according to the National Oceanic and Atmospheric Administration, increasing greenhouse gas emissions are affecting the health of the ocean, so reducing the ocean's ability to absorb carbon dioxide and safeguard life on the planet.

Source: [Here](#) 13 June 2023

NO SANDEEL FISHING FOR 2023 IN EFFORT TO PROTECT MARINE ECOSYSTEM

For the third consecutive year, the UK government has decided to not allow UK Sandeel fishing for 2023 for the benefit of the wider marine ecosystem – such as seabirds and marine mammals – that feed on these eel-like fish. This means that UK fishermen cannot catch or swap any of the pre-agreed quota for Sandeel fishing in the North Sea – totalling 5,773 tonnes. Sandeels are an important forage fish and dietary source for vulnerable seabirds, marine mammals, and commercially valuable fish. Industrial fishing of Sandeels is shown to have an impact on the health of these other species within the marine ecosystem.

Source: [Here](#) 14 June 2023

GEOPOLITICS

INDO-MALDIVES JOINT MILITARY EXERCISE “EKUVERIN” COMMENCED AT CHAUBATIA, UTTARAKHAND

The 12th edition of joint military exercise “*Ex Ekuverin*” between the Indian Army & the Maldives National Defence Force has commenced at Chaubatia, Uttarakhand from 11 to 24 June 2023. *Ekuverin* meaning ‘Friends’ is a bilateral annual exercise conducted alternatively in India and Maldives. A platoon strength contingent from Indian Army and Maldives National Defence Force will be participating in 14 days long exercise. The exercise is aimed at enhancing interoperability in Counter Insurgency/ Counter Terrorism

Operations under the UN mandate and carry out joint Humanitarian Assistance and Disaster Relief operations. The focus is to share best practices, enhance coordination and cooperation between both the forces at tactical level. The 11th edition of the exercise was held in Maldives in December 2021. The defence cooperation between the two countries extends from joint exercises to assisting Maldives with defence training and equipment requirements. Both the nations have very close and friendly relations in economic, cultural, and military cooperation. ‘Ex Ekuverin’ will assist in further bolstering of these ties between the two nations.

Source: [Here](#) 12 June 2023

INDONESIA-LED ASEAN SEA DRILLS WILL TAKE HARDER AIM AT CHINA

Indonesia, the Association of Southeast Asian Nations’ current revolving chair (ASEAN), is set to stage the first-ever joint military drills among just Southeast Asian bloc’s navies, crucially at a time of escalating US-China tensions. According to Indonesian military chief Yudo Margono, the drills will be held in “the North Natuna Sea,” a resource-rich area off the coast of Indonesia’s Natuna islands. Jakarta expressly renamed the area as the “North Natuna Sea”, similar to the Philippines’ designation of its exclusive economic zone (EEZ) in the South China Sea as the “West Philippine Sea”, in order to challenge Beijing’s claims of “traditional rights” in the waters. The islands have been a long-time site of illegal Chinese fishing more recently fortified by a Chinese Coast Guard ship presence.

Source: [Here](#) 12 June 2023

OCEAN SANCTUARIES TO SHAPE GEOPOLITICS IN SOUTH CHINA SEA

Ahead of June 8, World Oceans Day, marine scientists and ocean stakeholders continue to sound alarms over the state of the oceans amid threats from climate change, illegal, unreported and unregulated (IUU) fishing, rising sea levels, and habitat destruction. The Economist World Ocean Outlook offers grim news about fish stocks, one-third of which are overexploited, while the anticipated global warming by 2 degrees Celsius above pre-industrial levels spells ecological disaster.

Source: [Here](#) 06 June 2023

INDIAN NAVAL SHIP SATPURA ARRIVES IN INDONESIA TO PARTICIPATE IN MULTILATERAL NAVAL EXERCISE KOMODO

Indian Naval Ship Satpura on Monday arrived at Makassar, Indonesia to participate in the 4th Edition of Multilateral Naval Exercise Komodo and International Fleet Review. This four-day exercise which began on 4 June 2023, will continue till June 8, 2023, in Makassar, Indonesia. This event marks the fourth iteration of the exercise since its inception in 2014.

Source: [Here](#) 05 June 2023

INDIAN NAVY AND RSNF STRENGTHEN BILATERAL TIES WITH JOINT NAVAL EXERCISE AND CADET TRAINING

Admiral R Hari Kumar, Chief of Naval Staff (CNS), interacted with cadets of the King Fahd Naval Academy, Saudi Arabia, who are undergoing sea training at the Southern Naval Command (SNC) in Kochi. The 55 cadets of the Royal Saudi Naval Force (RSNF) along with five Directing Staff are attached with the First Training Squadron ships, INS Tir and INS Sujata, as part of their afloat training with the Indian Navy. The CNS was apprised of the ongoing harbour and afloat training activities, including familiarization sea sorties. He was also briefed on the progress made by the trainees within the training period. As part of the training curriculum, simulator training was undertaken for the cadets prior to embarking for the sea training phase. The cadets have completed 10 days at sea aboard the Indian Naval Ships. During the sea sorties, they were exposed to rigorous training on practical aspects of navigation and seamanship, with emphasis on navigation in pilotage waters, anchoring, coastal navigation, replenishment at sea, sea boats, firefighting, and emergency drills. A two-day harbour training on sail training ship INS Sudarshini is also planned to familiarize them with the rigors of life onboard a sail ship.

Source: [Here](#) 02 June 2023