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# DOT Weekly

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## LAND AND SEA

The U.S. Army, in collaboration with Sev1Tech, hosts a two-day training event for soldiers on new radio equipment at Mihail Kogălniceanu Air Base in Romania from August 28, 2024, to August 29, 2024.

**Source:** [U.S. Army](#)

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The Defence Research and Development Organisation (DRDO) hands over the production documentation for the 30mm high explosive preformed fragmentation shell to the director general of naval armament inspection. Developed by the armament research and development establishment in Pune, the shell is designed to enhance the Indian Navy's combat capabilities against drones.

**Source:** [Press Information Bureau](#)

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Bharat Electronics Limited is currently developing the long range radar, known as *SASTRA*. The advanced radar system is designed to detect and track conventional and stealth aircraft, as well as unmanned aerial vehicles, offering critical early warning and enhanced situational awareness.

**Source:** [Defence.in](#)

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## SOFTWARE, SYSTEMS, AND CYBER

National cyber director Harry Coker announces the Serve for America initiative, which removes the four-year degree requirement for federal information technology contracts. The initiative aims to help fill the half-million open cybersecurity positions across the country.

**Source:** [ONCD Twitter](#)

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The intermediate range ballistic missile *Agni-4* was successfully launched from the Integrated Test Range in Chandipur, Odisha, on September 06, 2024.

**Source:** [Press Information Bureau](#)

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## SPACE AND AEROSPACE

National Aeronautics and Space Administration (NASA) and the Defense Advanced Research Projects Agency (DARPA) are partnering to conduct a satellite servicing demonstration in geosynchronous Earth orbit. Under the agreement, NASA is actively contributing its subject matter expertise to DARPA's robotic servicing of geosynchronous satellites program.

**Source:** [NASA](#)

A field campaign involving a research vessel and two aircraft is being conducted by over a hundred scientists to validate the accuracy of data collected by NASA's innovative *PACE* satellite: the plankton, aerosol, cloud, ocean ecosystem mission. Launched in February 2024, the mission is currently gathering ocean observations and measuring atmospheric particle and cloud characteristics.

**Source:** [NASA](#)

## BUSINESS UPDATES

Dr. D. K. Sunil, director of engineering, research, and development, assumes the position of chairman and managing director (additional charge) of Hindustan Aeronautics Limited, succeeding Mr. C. B. Ananthakrishnan.

**Source:** [HAL](#)

BAE Systems acquires Kirintec, which will bring together complementary capabilities in cyber and electromagnetic activities to strengthen BAE's electronic warfare products and solutions.

**Source:** [BAE Systems](#)

The Spaceport Company inaugurates its offshore hypersonic test range with the launch of a medium surface-launched interceptor provided by Evolution Space. The operation took place in the Gulf of Mexico, approximately thirty miles south of Mississippi.

**Source:** [The Spaceport Company](#)

Flying Wedge Defence and Aerospace announces the successful maiden flight of the indigenously developed unmanned bomber, *FWD 200B*. The platform is equipped with advanced optical payloads for surveillance and missile-like weapons for precision air strikes.

**Source:** [Business Standard](#)

The Indian ministry of defence approves Mazagon Dock Limited to collaborate with Germany's ThyssenKrupp Marine Systems for the construction of six submarines.

**Source:** [The EurAsian Times](#)

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DG Propulsion Private Limited announces its *DG J40* jet engine is in the final stages of production, following the company's recent recognition as an iDEX winner. The *DG J40* is set to power high-speed unmanned aerial vehicles.

**Source:** [Indian Defence Research Wing](#)

## GOVERNMENT UPDATES

Deputy secretary of state Kurt Campbell and President Surangel Whipps, Jr. meet on the sidelines of the Pacific Islands forum leaders meeting in Tonga, reaffirming the strong partnership between the United States and Palau.

**Source:** [U.S. Department of State](#)

The third INDUS-X Summit was held at Stanford University from September 09, 2024, to September 10, 2024, bringing together top defense policymakers from the United States and India to strengthen defense and technology innovation partnerships. At the summit, the Defense Innovation Unit (DIU) and Innovations for Defence Excellence-Defence Innovation Organisation (iDEX-DIO) signed an upgraded memorandum of understanding.

**Source:** [U.S. Department of Defense](#)

Prime Minister Narendra Modi (PM Modi) will visit the United States and take part in the United Nations (UN) Summit of the Future. PM Modi will also address a community event at New York and attend the Quad Summit.

**Source:** [Financial Express](#)

Phase two of exercise *Tarang Shakti 2024* commenced on August 30, 2024, at Jodhpur Air Force Station, India, and will continue until September 14, 2024. The exercise involves participation from 10 nations and 18 observing nations.

**Source:** [U.S. Indo-Pacific Command](#)

Prime Minister Narendra Modi visits Singapore from September 04, 2024, to September 05, 2024, setting six key pillars to enhance bilateral cooperation i.e. sustainability, digitalization, skills development, healthcare, advanced manufacturing, and connectivity. During the visit, he toured AEM, a prominent semiconductor and electronics company, and signed a memorandum of understanding on the India-Singapore semiconductor ecosystem partnership.

**Source:** [MEA](#)

Prime Minister Narendra Modi's visits Brunei from September 03, 2024, to September 04, 2024, and expresses appreciation for hosting the Indian Space Research Organisation's (ISRO) telemetry, tracking, and tele-command station in the country.

**Source:** [MEA](#)

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The directorate general of foreign trade notifies the updated SCOMET (special chemicals, organisms, materials, equipment, and technologies) export control list for India.

**Source:** [Press Information Bureau](#)

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Union minister of ports, shipping, and waterways Sarbananda Sonowal launches *Sagarmanthan* or the great oceans dialogue, scheduled in Mumbai from November 18, 2024, to November 19, 2024.

**Source:** [Press Information Bureau](#)

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The Indian Coast Guard (ICG) offshore patrol vessel *Sujay*, accompanied by an integral helicopter, makes a port call at Incheon, South Korea, on September 4, 2024, as part of its ongoing deployment to East Asia. During the four-day visit, the ICG crew participated in professional exchanges with the Korea Coast Guard.

**Source:** [Press Information Bureau](#)

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*INS Tabar*, the Indian Navy's stealth frigate, and a *P-8I* aircraft arrive in Toulon, France, to participate in the twenty-second edition of the *Varuna* Exercise from September 02, 2024, to September 04, 2024.

**Source:** [Indian Navy Twitter](#)

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Air marshal Tejinder Singh assumes the position of deputy chief of the air staff of the Indian Air Force at Air Headquarters.

**Source:** [Press Information Bureau](#)

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On September 05, 2024, defence minister Rajnath Singh presided over the inaugural Joint Commander's Conference in Lucknow, Uttar Pradesh. During the event, he launched eight innovative applications, including the *e-Museum* and *e-Granthalaya*.

**Source:** [Press Information Bureau](#)

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The Indian Army launches two significant events *HIM-DRONE-A-THON 2* and *HIMTECH-2024*, both aimed at advancing military technologies for high-altitude operations.

**Source:** [Press Information Bureau](#)

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The third edition of the joint defence cooperation committee meeting between India and Kenya took place in New Delhi on September 03, 2024.

**Source:** [Press Information Bureau](#)

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The Indian Navy and the South African Navy sign an implementing agreement to enhance the safety of the South African Navy's submarine crew during times of distress or accidents.

**Source:** [Press Information Bureau](#)

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India and Saudi Arabia held the sixth edition of the joint committee on defence cooperation meeting in Riyadh, Saudi Arabia, on September 4, 2024.

**Source:** [Press Information Bureau](#)

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Senior Indian officials visited European Union (EU) institutions in Brussels to enhance bilateral security and defense ties. According to the EU envoy to New Delhi, Herve Delphin, these visits underscore the mutual commitment of India and the EU to deepen their cooperation.

**Source:** [Business Standard](#)

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*UNITAS LXV*, the world's longest-running multinational maritime exercise, commenced on September 2, 2024, and will run until September 12, 2024. The exercise brings together twenty-four nations to enhance tactical proficiency and boost interoperability in joint maritime operations.

**Source:** [U.S. Navy](#)

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The United States and the Republic of Korea (ROK) convened the seventh U.S.-ROK working group from September 05, 2024, to September 06, 2024, to address cyber threats posed by the Democratic People's Republic of Korea.

**Source:** [U.S. Department of State](#)

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## TENDERS AND REQUEST FOR PROPOSALS

Centum Electronics Ltd. secures an order from DRDO valued at \$13.05 million. The order involves the supply of inter-satellite links and other payload subsystems which are critical components for satellite communication and data transmission.

**Source:** [Business Standard](#)

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The cabinet committee on security approves the procurement of 240 *AL-31FP* aero-engines for the Indian Air Force's *Su-30 MKI* aircraft on September 2, 2024. The engines will be supplied by Hindustan Aeronautics Limited at \$309.71 million.

**Source:** [Press Information Bureau](#)

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On September 3, 2024, the Defence Acquisition Council, chaired by Defence Minister Rajnath Singh, grants acceptance of necessity for ten capital acquisition proposals totaling \$17.23 billion. The approved procurements include future ready combat vehicles, air defence fire control radars, *Dornier-228* aircraft, and next generation fast patrol and offshore patrol vessels.

**Source:** [Press Information Bureau](#)

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CAE Defense & Security USA secure a \$57 million contract from the United States Navy under the U.S. foreign military sales program. The contract involves providing two training devices and supporting the training of *MH-60R Seahawk* helicopter pilots and mission crew for the Indian Navy.

**Source:** [CAE](#)

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## About Us



IndUS Tech Council (IndUS Tech) is a Washington D.C. and New Delhi-based organization focused on accelerating U.S.-India technology collaboration, innovation, and investments. IndUS Tech's mission is to position the U.S.-India technology ecosystem for global innovation through thought leadership, policy advocacy, and facilitating collaborative partnerships between the two nations' private sectors.

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