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# DOT Weekly

NEWSLETTER JANUARY 04 – JANUARY 10, 2025

VOL: 3 ISSUE: 1

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## LAND AND SEA

Two indigenously designed fast patrol vessels, *Amulya* and *Akshay*, constructed by Goa Shipyard Limited, were launched for the Indian Coast Guard in the presence of secretary (defence production) Sanjeev Kumar in Goa on January 5, 2025.

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

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## SOFTWARE, SYSTEMS, AND CYBER

IndiaAI, an independent business division under the Digital India Corporation, signs a memorandum of understanding with Microsoft to accelerate artificial intelligence (AI) adoption and development in India.

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

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AiRANACULUS secures a two-year contract with the U.S. Army to develop an intelligent navigation antenna system. The AI-driven solution will enable real-time identification and mitigation of spurious positioning signals in battlefield environments.

**Source:** [Defence Industries](#)

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On January 8, 2025, the national conference on cybersecurity, AI, and blockchain took place at the PHD Chamber of Commerce and Industry in New Delhi, bringing together experts to discuss advancements in these critical technologies.

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

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## SPACE AND AEROSPACE

Space42 successfully launches its *Thuraya 4* satellite, enhancing its role in geospatial data, AI analytics, non-terrestrial networks, and secure connectivity. The launch was aboard SpaceX's Falcon 9 from Cape Canaveral, Florida.

**Source:** [Space42](#)

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The U.S. National Science Foundation is offering up to \$3.6 million in total funding for multiple projects to utilize the international space station for fundamental research.

**Source:** [Defence Industries](#)

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## BUSINESS UPDATES

Defense Innovation Unit has chosen General Atomic's Electromagnetic Systems (GA-EMS) clean earth waste facility in Charlotte, North Carolina, to demonstrate GA-EMS's industrial supercritical water oxidation or *iSCWO* system. Under a Department of Defense contract, GA-EMS will deliver, install, and demonstrate the *iSCWO* system for on-site destruction of highly concentrated per- and polyfluoroalkyl or PFAS waste, including aqueous fire fighting foam, from military installations.

**Source:** [General Atomic's](#)

General Dynamics announces the appointment of Josh Thompson, currently serving as senior vice president and chief financial officer of Gulfstream Aerospace Corporation, as the president of General Dynamics Ordnance and Tactical Systems.

**Source:** [General Dynamics](#)

## GOVERNMENT UPDATES

U.S. National Security Advisor Jake Sullivan met with Indian counterparts in New Delhi, reinforcing the U.S.-India strategic technology partnership under the Initiative on Critical and Emerging Technology or *iCET*. The discussions focused on advancing key sectors like space, semiconductors, biotechnology, cybersecurity, and clean energy, yielding significant progress. Key achievements include the planned joint mission of American and Indian astronauts to the International Space Station, enhanced defense industrial cooperation, and strengthened partnerships in clean energy and critical minerals. The establishment of a semiconductor fabrication plant in India marks another milestone in building resilient supply chains. Additionally, frameworks have been developed to boost cooperation in AI, advanced computing, and quantum technologies, alongside initiatives to foster talent exchange and innovation. Advancements in the co-production of U.S. sonobuoys with Bharat Dynamics Limited were also made. There is progress on opening the U.S. Consulate in Bengaluru and new Indian Consulates in Boston and Los Angeles. Bio-X initiative for biotechnology cooperation between the two countries was also launched.

**Source:** [White House](#)

Minister of external affairs Dr. S. Jaishankar will attend the swearing-in ceremony of President-Elect Donald J. Trump as the forty-seventh President of the U.S. During his visit, the external affairs minister will also engage in meetings with representatives of the incoming administration.

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

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President-Elect Donald J. Trump has announced several key appointments to his cabinet and the confirmation hearings for the same have begun. Some top nominees include Susie Wiles as the White House chief of staff; senator Marco Rubio as secretary of state; Pete Hegseth as the secretary of defense; Michael Waltz as the national security adviser; Tulsi Gabbard as the director of national intelligence; and Sriram Krishnan as senior White House policy advisor on AI.

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The eighteenth Brigs military nursing service work study conference, chaired by Maj Gen Ignatius Delos Flora was held at Army Hospital (Research & Referral), New Delhi, from January 03, 2025, to January 04, 2025.

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

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The appointments committee appointed Dr. V. Narayanan as the chairman of the Indian Space Research Organisation (ISRO) and secretary of the department of space. His tenure begins on January 14, 2025, for two years or until further notice.

**Source:** [Economic Times](#)

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Defence minister Rajnath Singh chaired the ambassadors' round-table in New Delhi on January 10, 2025, ahead of Aero India 2025, and briefed attendees on the event's major highlights.

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

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Dr. Jitendra Singh, union minister of state for science and technology, announced at the Genome India Data Conclave in New Delhi that India has achieved self-reliance in genomic data, no longer relying on foreign sources.

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

## TENDERS AND REQUEST FOR PROPOSALS

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BlueHalo secures a five-year contract worth \$49.9 million from the Naval Information Warfare Center Pacific. Under the contract, BlueHalo will provide hardware, materials, and components, along with engineering services, integration, and operational support to the U.S. Navy and U.S. Special Operations Command or *USSOCOM*. The focus will be on modular payload-compliant Electronic Warfare or *EW* sensors, which will be deployed on multiple uncrewed aerial systems or *UAS*.

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

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BLT receives the U.S. Navy's SeaPort Next Generation (*SeaPort-NxG*) contract vehicle, a multiple award contract with a \$4 billion ceiling over five years. BLT will provide engineering services, systems engineering, software development, and program management support, contributing to the broader \$50 billion *SeaPort-NxG* initiative over the next five years.

**Source:** [Defence Industries](#)

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Stratolaunch secures a \$24.7 million contract by the Missile Defense Agency to support national defense through a hypersonic flight test mission, expanding *Talon-A* capabilities globally using the *Spirit of Mojave 747* launch platform.

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

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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.