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# DOT Weekly

NEWSLETTER DECEMBER 28 – JANUARY 03, 2025

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## LAND AND SEA

On January 15, 2025, the Indian navy will commission three frontline combatants: Nilgiri (Project 17A stealth frigate), Surat (Project 15B stealth destroyer), and Vagsheer (Scorpene-class submarine) at Naval Dockyard, Mumbai.

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

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## SOFTWARE, SYSTEMS, AND CYBER

The U.S. Department of Commerce's Bureau of Industry and Security issued an advance notice of proposed rulemaking or ANPRM seeking public input on securing the information and communication technology and services or ICTS supply chain for unmanned aircraft systems or UAS. The notice highlights potential threats from foreign adversaries, particularly China and Russia, which could exploit UAS ICTS supply chains to access sensitive U.S. data.

**Source:** [Bureau of Industry and Security](#)

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The Department of the Treasury's Office of Foreign Assets Control or OFAC sanctioned Integrity Technology Group, a Beijing-based cybersecurity firm, for its involvement in cyber intrusions against U.S. entities. These incidents, attributed to Flax Typhoon, a Chinese state-sponsored cyber group active since 2021, have targeted U.S. critical infrastructure sectors.

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

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## SPACE AND AEROSPACE

National Aeronautics and Space Administration (NASA)'s Lunar Environment Heliospheric X-ray Imager or LEXI will soon launch to the Moon as part of the Artemis campaign, aiming to capture the first global images of Earth's magnetic field. LEXI is among 10 payloads aboard Firefly Aerospace's blue ghost lander, set to launch in mid-January through NASA's Commercial Lunar Payload Services or CLPS initiative.

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

On December 30, 2024, the Indian Space Research Organisation (ISRO) successfully launched the Space Docking Experiment or SpaDeX mission from the Satish Dhawan Space Centre in Andhra Pradesh. This mission deployed two 220-kg satellites into a 470-km orbit, marking India's first attempt at in-space docking.

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

Researchers at Bengaluru's Raman Research Institute have identified the Indian astronomical observatory in Hanle, Ladakh, as a prime site for transmitting quantum-based communication signals into space.

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

## BUSINESS UPDATES

Teledyne Technologies and Micropac Industries completed the merger of Micropac with a wholly-owned subsidiary of Teledyne, marking the successful conclusion of their announced partnership.

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

Boeing announced the appointment of Dana Deasy as the company's new chief information digital officer and senior vice president of information technology & data analytics.

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

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## GOVERNMENT UPDATES

The U.S. secretary of state and the foreign ministers of Australia, India, and Japan issued a joint statement commemorating the twentieth anniversary of Quad cooperation, reaffirming their commitment to a free, open, and inclusive Indo-Pacific.

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

A 334-member Indian Army contingent departed for Nepal to participate in the eighteenth battalion-level joint military exercise SURYA KIRAN. The exercise will take place in Saljhandi, Nepal, from December 31, 2024, to January 13, 2025.

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

INS Sarvekshak arrived in Port Louis, Mauritius, on December 26, 2024, to conduct a joint hydrographic survey.

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

Air marshal Jeetendra Mishra assumed command of the Indian Air Force's western air command on January 1, 2025.

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

Defence minister Rajnath Singh visited Defence Research and Development Organisation (DRDO) headquarters on January 2, 2025, to commemorate its sixty-seventh foundation day and engaged with senior scientists and officials.

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

Antony Blinken held a discussion with French minister for Europe and foreign affairs Jean-Noël Barrot. They discussed recent developments in Syria and explored strategies to support the Syrian people in building a better future.

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

## TENDERS AND REQUEST FOR PROPOSALS

The ministry of defence signed two contracts worth \$334.91 million for constructing DRDO's air independent propulsion plug as well as integrating Electronic Heavy Weight Torpedoes or EHWT into kalvari-class submarines.

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

URSA Major Technologies Inc. secures a \$7.65 million contract for space launch system propulsion technology.

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

Northrop Grumman Systems Corp. receives a \$481.32 million contract for updates and improvements to the integrated air and missile defense battle command system's software.

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

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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.