

# DOT Weekly

NEWSLETTER FEBRUARY 08 - FEBRUARY 14, 2025 VOL: 3 ISSUE: 6

## LAND AND SEA

The U.S. Navy, Royal Australian Navy, and Royal Navy conducted a link exercise, coordinated maneuvering, and combined operations in the South China Sea on February 6 and February 7, 2025, to enhance regional security and interoperability.

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

The U.S. Navy Explosive Ordnance Disposal (EOD) Group 2 conducted Snow Crab Exercise 2025 at Camp Ripley, Little Falls, Minnesota, from January 27 to February 7, 2025, testing cold weather and Arctic operations for Navy EOD.

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

The Indian Navy's First Training Squadron, consisting of INS Sujata, INS Shardul, and ICGS Veera, visited Changi Naval Base, Singapore, from February 6 to February 9, 2025.

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

The Indian Navy inducted the third

25T bollard pull tug Ashva at the Naval Dockyard, Visakhapatnam, on 12 February 2025, enhancing naval operations with firefighting and rescue capabilities.

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

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Microsoft and Anduril Industries have expanded their partnership to advance the U.S. Army's integrated visual augmentation system with Anduril overseeing the production and development. The collaboration integrates Microsoft Azure for cloud support and artificial intelligence technologies to enhance battlefield effectiveness and decision-making.

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

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On February 13, 2025, Anduril showcased its Menace family of systems during the U.S. Marine Corps' Steel Knight exercise, enhancing real-time maritime domain awareness and decision-making for warfighters.

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

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The eighth missile cum ammunition barge LSAM 11 was launched on 14 February 2025 at Mira Bhayandar, Maharashtra, supporting the Indian Navy's operational capabilities. The barge, built under the Make in India initiative, supports ammunition transport and embarkation.

## SOFTWARE, SYSTEMS, AND CYBER

India's Defence Research and Development Organisation (DRDO) is developing a new hard-kill active protection system (APS) for battle tanks. The APS consists of four X-band radars and two traversable effector launchers, each equipped with two anti-threat munitions.

Source: [Janes](#) / [DRDO](#)

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Lockheed Martin's precision strike missile successfully completes a flight test in New Mexico.

Source: [Lockheed Martin](#)

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On 12 February 2025, researchers at the Naval Postgraduate School in Monterey, California developed an artificial intelligence-powered laser weapon system to automate drone defense, enhancing targeting and engagement efficiency.

Source: [U.S Navy](#)

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French prosecutors launch an investigation into Elon Musk's X platform over concerns about potential algorithmic bias that may distort automated data processing.

Source: [Reuters](#)

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The United States, U.K., and Australia have sanctioned Russian bulletproof hosting provider Zservers for facilitating ransomware attacks.

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

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In 2024, India experienced over 44 million internet-based threats, with nearly 30 percent of users targeted. File-less malware and social engineering were the most common attack methods. The data was gathered from a global cybersecurity network using big data and machine learning.

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

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L3Harris Technologies introduces AMORPHOUS, a software platform that allows the control of thousands of autonomous assets across multiple domains. Designed with an open architecture, the platform enables U.S. and allied militaries to operate uncrewed systems from different manufacturers simultaneously.

**Source:** [L3 Harris Technology](#)

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The U.S. Air Force exhibits the C-17 Globemaster III, F-35A Lightning II, B-1B Lancer, and F-16 Fighting Falcon at Aero India in Bengaluru.

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

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## SPACE AND AEROSPACE

Tata Advanced Systems Limited (TASL) is expanding its operations in Karnataka by establishing a maintenance, repair, and overhaul facility in Bengaluru. The facility, in collaboration with Lockheed Martin, will support India's Air Force.

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

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India's central government revises Gaganyaan mission's scope. The missions will now include two crewed missions and six uncrewed missions.

**Source:** [Press Trust of India](#)

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Indian Institute of Technology Madras and Indian Space Research Organisation (ISRO) successfully develop and boot India's first indigenous aerospace-grade semiconductor chip called IRIS. Built on the SHAKTI RISC-V processor, the IRIS chip is designed for ISRO's space applications.

**Source:** [IIT Madras](#)

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GE Aerospace enters into a five-year performance-based logistics contract with the Indian Air Force (IAF) to provide full maintenance and support for the T700-GE-701D engines used in the Indian Air Force's AH-64E-I Apache helicopters.

**Source:** [India Defence News](#)

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Godrej & Boyce signed an MoU with

the Aeronautical Development Agency India for indigenously manufacturing the flight control actuators for India's advanced medium combat aircraft program at Aero India 2025.

**Source:** [Godrej enterprise](#)

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Aegis Aerospace Partners with Texas A&M University to create a dedicated flight facility at the International Space Station for research purposes. The facility will help in activities such as in-space research, testing, advanced materials manufacturing, and robotics testing.

**Source:** [Aegis aero](#)

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## BUSINESS UPDATES

The Javelin Joint Venture (JJV), a collaboration between Raytheon (RTX) and Lockheed Martin, is exploring co-production opportunities for the Javelin anti-tank weapon system in India. JJV has signed an MoU with Bharat Dynamics Limited (BDL) to assess manufacturing opportunities in India.

**Source:** [Lockheed Martin](#)

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Ultra Maritime and Bharat Dynamics Limited (BDL) sign a co production agreement to produce U.S. specification sonobuoys in India.

**Source:** [Ultra Maritime](#)

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Bharat Dynamics Limited signs an MoU with Rafael Advanced Defense Systems to support the production of the ice breaker stand-off air-to-surface missile in India.

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

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Dynauton Systems unveils India's first sub-medium altitude long endurance class unmanned aerial vehicle, named Cheel.

**Source:** [Dynauton Systems X](#)

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U.S.-based BlackSky announces its collaboration with Thales Alenia Space of France to support India's first private Earth observation constellation for Nibe Ltd., an emerging entity in India's aerospace and defense sector.

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

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TASL and DRDO have co-developed a passive exoskeleton designed to assist soldiers in carrying heavy combat loads across demanding terrains.

**Source:** [TASL X](#)

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BEML Ltd. and Goa Shipyard Limited sign an (MoU) to collaborate on maritime projects and composites focused on manufacturing glass fiber-reinforced polymer and composite parts.

**Source:** [Deccan Herald](#)

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Honeywell and AM Green sign an MoU at India Energy Week, 2025 to explore sustainable aviation fuel (SAF) production.

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

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India's Ministry of Defence cancels three contracts for procuring 400 logistics drones owing to concerns over the use of Chinese components and electronics.

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

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## GOVERNMENT UPDATES

Prime Minister Narendra Modi (PM Modi) visited Washington, D.C., on February 13 and February 14, 2025, for an official working visit with President Donald J. Trump. During their meeting, the leaders launched the U.S.-India COMPACT (Catalyzing Opportunities for Military Partnership, Accelerated Commerce & Technology) for the 21st Century. They announced plans to finalize a new ten-year Framework for the U.S.-India Major Defense Partnership, pursue co-production agreements for Javelin anti-tank guided missiles and Stryker infantry combat vehicles in India, and initiate the Autonomous Systems Industry Alliance (ASIA) to advance



collaboration in autonomous defense technologies. The leaders also agreed to review their respective arms transfer regulations, including the International Traffic in Arms Regulations or ITAR, to streamline defense trade and technology exchange, and to begin negotiations for a Reciprocal Defense Procurement or RDP agreement to align procurement systems. The leaders expect to complete the procurement of six additional P-8I maritime patrol aircraft to enhance India's maritime surveillance capabilities. Notable industry partnerships were also highlighted, including collaborations between Anduril Industries and Mahindra Group on advanced autonomous technologies, and between L3Harris and Bharat Electronics for the co-development of active towed array systems.

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

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President Donald J. Trump and PM Modi announced the launch of INDUS Innovation, a new initiative modeled after the INDUS-X platform. The initiative aims to advance the U.S.-India industry and academic partnerships, fostering investments in space, energy, and other emerging technologies.

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

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U.S. Defence secretary Pete Hegseth states that the Department of Defense is committed to passing a clean audit across the department, as the Marine Corps has done for the last two years.

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

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During his visit to Washington D.C., PM Modi met with U.S. national security advisor Michael Waltz, director of national intelligence Tulsi Gabbard, head of the U.S. Department of Government Efficiency Elon Musk, and Vivek Ramaswamy.

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

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The United States has offered to review its policy on offering the fifth-generation aircraft (F35) to India.

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

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PM Modi visited France from 10-12 February 2025, where he co-chaired the Artificial Intelligence Action Summit along with the French President Emmanuel Macron. The two leaders discussed strengthening defense, space, and nuclear cooperation, expanding trade and cultural ties, and addressing global challenges like climate change and terrorism. The leaders launched the India-France Year of Innovation and

committed to deepening bilateral collaboration on sustainable development and defense.

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

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PM Modi invites the French Army to consider the Pinaka multi-barrel rocket launcher developed by DRDO.

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

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The 25E6 promotion testing cycle is delayed and will now occur between March 3 and May 1, 2025, to remove diversity, equity, and inclusion (DEI) related content from study materials per executive orders. DEI-related test questions will not be scored, ensuring promotions stay on schedule.

**Source:** [U.S Air Force](#)

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India and Egypt took part in the third edition of the annual joint special forces exercise called Cyclone at Mahajan Field Firing Ranges in Rajasthan. The exercise began on February 10, 2025, and will conclude on February 23, 2025.

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

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The Indian Army issues a request for technical and commercial proposal for procuring nine integrated drone detection and interdiction system

## TENDERS AND REQUEST FOR PROPOSALS

Mark I under the Buy (Indian-IDDMM) category. Published on February 11, 2025, the proposal submission deadline is March 4, 2025.

**Source:** [Indian Army](#)

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The Indian Army issues a request for information (RFI) for the procurement of surveillance copters for high-altitude areas to enhance operational capabilities.

**Source:** [Indian Army](#)

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Indian Army issues an RFI to procure 50 heavy crawler rock drills. Submissions are due on March 12, 2025.

**Source:** [Indian Army](#)

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Saft America Inc. receives a \$38.9 million contract for the supply of non-rechargeable batteries for the army, air force, navy, and marine corps.

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

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India's Ministry of Defence inks a \$73.8 million contract with Bharat Electronics Ltd for 28 electro-optical fire control systems EON- 51 for 11 new generation offshore patrol vessels and three cadet training ships.

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

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Lockheed Martin Rotary and Mission Systems secured a \$114.16 million

contract modification to provide hardware for the U.S. Navy to support sound, navigation, and ranging systems.

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

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Teledyne FLIR Defense Inc., Elkridge, Maryland receives a\$74.2 million contract to integrate sensors onto the M1135Stryker vehicles.

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

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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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