

# DOT Weekly

NEWSLETTER FEBRUARY 22 - FEBRUARY 28 , 2025 VOL:3 ISSUE: 8

## LAND AND SEA

Vice admiral Daniel Cheever and force master chief Dustin Kuers visited Japan and Guam from February 17 to February 26, 2025, to enhance war-fighting readiness and sailor well-being. They engaged with leadership, observed advanced platforms like the *F-35C* Lightning II, and reinforced the U.S. Navy's Indo-Pacific commitment.

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

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The sixth edition of the Indo-Japanese joint military exercise *Dharma Guardian* will be held from February 24 to March 9, 2025, at Japan's East Fuji training area.

Source: [PIB](#)

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The Pentagon plans to lay off 61,000 civilian workers, starting with 5,400 this week, as part of an 8 percent workforce reduction. The move aims to cut costs and reallocate resources.

Source: [Defense One](#)

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The Indian Army and Indian Air Force conducted a joint training exercise in the Jammu sector on February 24 and February 25, 2025. The two-day drill focused on integrated combat manoeuvres and rapid response strategies.

Source: [Economic Times](#)

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Exercise *CYCLONE 2025*, a joint India-Egypt special forces drill, culminated on February 23, 2025, focusing on counterterrorism, combat medical skills, demolitions, and special heliborne operations.

Source: [Indian Army X](#)

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Indian naval ship *Tamal*, India's last imported warship, is expected to be commissioned in June 2025. The stealth frigate is undergoing final trials in Russia before joining the Indian Navy.

Source: [The Hindu](#)

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U.S. military sealift command is supporting *Operation Deep Freeze 2025*, delivering supplies to Antarctica for the U.S. Antarctic Program. The mission ensures logistical support for scientific research in extreme conditions.

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

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The forty-fourth *Cobra Gold* exercise began on February 25, 2025, in Thailand, bringing together over 3,200 U.S. troops and multinational forces. The drill strengthens regional security, cooperation, and military readiness.

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

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The Defence Research and Development Organisation (DRDO) and the Indian Navy successfully tested the naval anti-ship missile – short range from the Indian Navy's *Sea King* helicopter. The missile, featuring a "man-in-loop" control system, showcased its sea-skimming strike capability.

Source: [DRDO X](#)

**SOFTWARE,  
SYSTEMS, AND  
CYBER**

India's Vanar Robotics reveals plans for a "generation 1" biomechanical humanoid intelligence robot designed for enterprise and home use, integrating advanced artificial intelligence with robotics for diverse applications.

Source: [Vanar Generation X](#)

The U.S. is set to enhance its air defense capabilities with the acquisition of twelve terminal high altitude area defense interceptors in 2025. The move strengthens missile defense against high-altitude threats.

Source: [Army Recognition](#)

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Past Issues

China has deployed an advanced long-range phased array radar near the Myanmar border, raising security concerns for India. The radar enhances China's surveillance capabilities, potentially impacting India's security.

Source: [India Today](#)

A Coimbatore-based firm has developed a stage mounting adaptor (SMA) for the International Space Research Organisation's semi-cryogenic propulsion project. The SMA, measures six meters in diameter and weighs approximately 24 tonnes.

Source: [Times of India](#)

## SPACE AND AEROSPACE

DRDO's National Science Day exhibition was held between February 28 and March 2, 2025, at Gachibowli Stadium, Hyderabad.

Source: [DRDO X](#)

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India's Defence Ministry is exploring ways to enhance private sector involvement in developing India's indigenous fifth generation advanced medium combat aircraft (AMCA) fighter.

Source: [ANI](#)

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U.S. based private company AstroForce hopes to revolutionize space resource exploration with its *ODIN* mission, targeting platinum-rich asteroids for mining.

Source: [AstroForce X](#)

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India's indigenous *Sheshnaag-150* swarming drone successfully takes flight.

Source: [Raksha Anirveda](#)

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The Government Accountability Office report (GAO-25-106838) highlights concerns over the Space Development Agency's laser communication technology for the proliferated warfighter space architecture, citing integration and testing challenges. It warns that unresolved issues could delay deployment and impact mission effectiveness.

Source: [GAO](#)

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Bangalore-based Cingularity Aerospace unveils *Pratyaksha*, a tow body hauler for soft target training, enhancing defense training capabilities. The system aids in realistic combat simulations, improving

accuracy and operational readiness.

Source: [idrw](#)

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India's Defence Ministry has formed a high-level panel to boost the indigenous production of light fighter jets.

Source: [Economic Times](#)

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## BUSINESS UPDATES

Mazagon Dock Shipbuilders and Germany's Thyssenkrupp Marine Systems secure approval for their joint proposal to construct six advanced conventional submarines for the Indian Navy.

Source: [Economic Times](#)

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Seonics develops India's first throttle quadrant control grip assembly for the indigenous AMCA. Throttle quadrant control grip is the handgrip on an aircraft's throttle lever, allowing pilots to control engine power and access key flight functions.

Source: [India Defence News](#)

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The Directorate General of Propulsion and Bharat Dynamics Limited are co-developing advanced engines for loitering munitions and unmanned aerial vehicles.

Source: [Defence.in](#)

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Hindustan Aeronautics Limited (HAL) signs a memorandum of understanding (MoU) with Bharat Earth Movers Limited to provide strategic leadership and technical training programs through HAL Management Academy.

Source: [HAL X](#)

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Armasen Tactical has introduced a high-cut ballistic helmet cover with a detachable counterweight battery pack, enhancing soldier comfort and operational efficiency. The innovation improves weight distribution and modularity for tactical gear.

Source: [Indian Defence Research Wing](#)

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Kalyani Powertrain has partnered with Advanced Micro Devices to enter the Indian server market, leveraging advanced processing technology.

Source: [Business Standard](#)

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Tata Group plans to sign MoUs with ten more Assam-based institutes to strengthen semiconductor and technology-related skill development.

Source: [The Tribune](#)

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Per reports, Kalyani Strategic Systems Ltd. exported 100 indigenous artillery guns in 2024.

Source: [Economic Times](#)

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The HUGIN “superior autonomous underwater vehicle” (AUV) completes testing for the U.S. Navy, demonstrating underwater reconnaissance and surveillance capabilities. The AUV enhances naval operations with improved endurance, mapping, and data collection.

Source: [Kongsberg](#)

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Ukrainian President Volodymyr Zelensky stated that

## GOVERNMENT UPDATES

he would be willing to step down if it guaranteed peace or Ukraine's NATO membership.

Source: [BBC](#)

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The United States sanctions four Indian companies for allegedly trading and transporting Iranian crude oil. The action was announced on February 24, 2025, as part of efforts to curb Iran's oil exports and funding channels.

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

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Assam government unveils its Aerospace & Defence Manufacturing Policy 2025, aiming to boost indigenous production and investments.

Source: [Government of Assam](#)

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The United States blocked the sale of Saab's Gripen E fighter jets to Colombia due to export restrictions on the General Electric *F414-GE-39E* engine, a critical component of the aircraft.

Source: [The Rio Times](#)

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India's technological sector is projected to reach \$300 to \$350 billion in the next five years, as highlighted by defence minister Rajnath Singh. He made this statement on February 24, 2025, during the sixteenth Foundation Day of IIT Mandi.

Source: [PIB](#)

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President Donald J. Trump has dismissed Air Force General CQ Brown Jr. as chairman of the joint chiefs of staff and nominated Major General Dan Razin-Caine as his replacement.

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

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President Donald J. Trump fires six senior Pentagon officials, including admiral Lisa Franchetti, general James Slife, and the top lawyers for the Army, Navy, and Air Force.

Source: [The New York Times](#)

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On February 28, 2025, President Donald J. Trump nominated Hung Cao as the next U.S. under secretary of the Navy.

Source: [Donald Trump \(Truth Social\)](#)

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On February 28, 2025, President Donald J. Trump nominated Paul Dabbar as the U.S. deputy secretary of commerce.

Source: [Donald Trump \(Truth Social\)](#)

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The Pentagon has begun identifying transgender troops for removal under new orders, reversing previous policies that allowed their service.

Source: [Pete Hegseth X](#)

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A new global map reveals the locations of rare earth mineral deposits, crucial for high-tech industries and green energy. The discovery could reshape global supply chains and reduce dependence on China.

Source: [Daily Galaxy](#)

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European Commission's president Ursula von der Leyen, along with the college of commissioners, visited India for discussions on strengthening India-EU ties. On February 28, 2025, Prime Minister Narendra Modi and president Ursula von der Leyen held a joint press conference, where both sides agreed to finalize a bilateral free trade agreement by the end



of 2025. Key deliverables included cooperation in technology, security, and green energy. The two sides also committed to advancing the India-Middle East-Europe economic corridor and launching a new post-2025 roadmap for collaboration at the next India-EU Summit.

Source: [MEA](#)

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President Donald J. Trump announces an additional 10 percent tariff on Chinese goods, from March 4, 2025, citing its role in fentanyl supply and the U.S. drug crisis.

Source: [Donald Trump \(Truth Social\)](#)

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## TENDERS AND REQUEST FOR PROPOSALS

Stocks-Mann Architects PLC and three other firms were awarded a \$15 million contract for architect-engineer services at Little Rock Air Force base, expected to be completed by February 24, 2030.

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

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Tender opportunity for repairing and renovating four buildings used as married accommodation for student officers at the Military Institute of Technology in Girinagar, Pune. Contractors can submit bids until March 28, 2025. Bids will be reviewed on April 1, 2025.

Source: [Defence e-Procurement](#)

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The Indian Army signed a contract for procuring 223 automatic chemical agent detection and alarm systems on February 25, 2025, from Larsen and Toubro Limited.

Source: [PIB](#)

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Raytheon missiles and Defense receives a \$322.5 million modification contract to supply the tube-launched optically-tracked wireless guided weapon system, with work expected to conclude by September 30, 2026.

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

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PD Power Systems LLC secures a \$114.6 million firm-fixed-price contract to provide prime power distribution systems, with an estimated completion date of February 20, 2030.

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

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Avantel Limited received a \$ 4.99 million contract from NewSpace India Limited, the commercial arm of the Indian Space Research Organisation, to supply, install, and commission devices for Xponders.

Source: [Business Standard](#)

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Tyonek Technical Services LLC secures a \$98.1 million contract for cyber operations training support for the thirty-ninth Information Operations Squadron, with work across multiple U.S. Air Force bases, completing by February 28, 2027.

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

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General Dynamics National Steel and Shipbuilding Company-Bremerton wins a \$654.6 million contract for aircraft carrier shipyard availabilities, with work extending until October 2030.

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

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Lockheed Martin Space receives a \$211.7 million contract modification to support terminal high altitude area defense maintenance and sustainment for the UAE under foreign military sales.

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

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L3 Harris Technologies Inc. wins a \$33.5 million contract for counter communication system meadowlands development, supporting U.S. Space Force's operations at key bases, completing by November 2028.

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.

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