

DOT Weekly

NEWSLETTER MARCH 01 - MARCH 07, 2025 VOL:3 ISSUE: 9

LAND AND SEA

The Pentagon is deploying a *Stryker* brigade and an aviation battalion to the U.S. southern border to support security efforts and migration challenges.

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

Indian naval ship (INS) *Shardul*, INS *Sujata* and Indian coast guard ship *Veera* arrived at Phuket, Thailand on March 01, 2025 as part of the first training squadron deployment, strengthening maritime cooperation with the Royal Thai Navy through joint exercises.

Source: [PIB](#)

Mazagon Dock Shipbuilders Limited successfully builds four submarines without foreign oversight, enabled by French naval group's technology transfer.

Source: [India Defence Review](#)

The America amphibious ready group and the thirty-first marine expeditionary unit are conducting exercise *Iron Fist 2025* with Japan's Ground Self-Defense Force from February 19 to March 7, 2025, in the East China Sea.

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

Goa Shipyard will deliver the first two *Adamyra*-class fast patrol vessels to the Indian Coast Guard in March

2025.

Source: [Janes](#)

On March 04, 2025, U.S. Navy submarines, ships, and aircraft commenced *Black Widow 2025* exercise in the Hawaii Operating Area.

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

On March 05, 2025, the Indian Navy conducted a maritime awareness lecture at Hindu College, where maritime expert Admiral Surendra Ahuja (Retd) shared insights on naval history, capabilities, and career opportunities.

Source: [Indian Navy X](#)

On March 5, 2025, India's Chief of Defence Staff General Anil Chauhan visited Australia.

Source: [Australian Government](#)

The U.S., Australia, India, Japan, and South Korea have commenced *Sea Dragon 2025* exercise near Guam. The annual anti-submarine warfare drill strengthens regional cooperation in the Indo-Pacific.

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

The tenth annual Northern Warfare Challenge, hosted by the University of Wisconsin-La Crosse Army Reserve Officers Training Corps, tested 250 cadets on cold-weather survival and endurance.

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

SOFTWARE, SYSTEMS, AND CYBER

The U.S. Justice Department and Federal Bureau of Investigation reveal China's use of cyber mercenaries, including *APT27*, to suppress dissent and steal data globally. Indictments target twelve Chinese nationals, including state-linked hackers.

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

SPACE AND AEROSPACE

The Civil Aviation Ministry launched a Boeing-737 flight on the Kolkata-Hindon-Goa route under UDAN on March 1, 2025. Hindon airport's dual-use capabilities will help decongest the national capital region's air traffic.

Source: [PIB](#)

The Indian Space Research Organisation (ISRO) will resume experiments on its space docking experiment SpaDeX mission in mid-March, focusing on the separation and re-docking of satellites *SDX01* (Chaser) and *SDX02* (Target).

Source: [India Today](#)

On March 2, 2025, the Indian Air Force (IAF) deployed *Mi-17 IV*, *Cheetah* helicopters, drone-based intelligent buried object detection system for rescue operation in Mana, Uttarakhand.

Source: [Indian Air Force X](#)

Exercise *Desert Hunt 2025* was conducted at Air Force Station Jodhpur for enhancing joint

interoperability among the para special forces, marine commandos, and the Garud Special Forces.

Source: [PIB](#)

On 4 March 2025, Defence Research and Development Organisation (DRDO) and the Defence Bio-Engineering and Electro Medical Laboratory successfully conducted high-altitude trials of the indigenous on-board oxygen generating system-based integrated life support system for light combat aircraft *Tejas*.

Source: [PIB](#)

The U.S. Air Force has designated two new fighter prototypes, *YFQ-42A* (General Atomics) and *YFQ-44A* (Anduril), under its collaborative combat aircraft program. Both the aircraft are uncrewed, marking a first.

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

The *F-35B* flight-tested the long-range anti-ship missile, advancing its integration into the U.S. arsenal.

Source: [Lockheed Martin](#)

VEM Technologies, has introduced the “*VIDHWAMS*” guided rocket, with precision strike capabilities ranging 250 kilometers.

Source: [Raksha Anirveda](#)

On March 6, 2025, the Israeli Air Force conducted a joint aerial exercise with the U.S. Air Force for enhancing strategic cooperation, featuring Israeli *F-35i* and *F-15i* aircraft flying alongside the U.S. *B-52* strategic bomber.

Source: [Israel Defense Forces X](#)

The IAF is considering acquiring Russia's *Il-78M-90A* refueller to enhance long-range operations.

Source: [Sputnik News](#)

The U.S. Air Force is evaluating Xona Space Systems Pulsar LEO satellite constellation as a potential alternative to GPS, enhancing positioning, navigation, and timing resilience.

Source: [Seraphim](#)

BUSINESS UPDATES

Lockheed Martin unveils the common multi-mission truck missile, a low-cost, long-range option for U.S. defense.

Source: [Reuters](#)

Kolkata-based spacetechnology startup Sisir Radar secures \$1.5 million seed funding, specializing in synthetic aperture radar, to enhance research and launch the world's highest-resolution L-band synthetic aperture radar satellite by 2026.

Source: [Karo Startup](#)

An artificial intelligence-powered foreign object debris detection system has successfully cleared the single stage composite trials and is now set for induction into the Indian Navy.

Source: [Zoid Technology](#)

On March 4, 2025, Pratt & Whitney, an RTX business, completed a series of tests on its rotating detonation

engine, validating key design elements. The company plans further investment and collaboration with the U.S. Department of Defense for future ground tests.

Source: [RTX](#)

Vijayan Trishul Defence Solution Pvt Ltd has secured a 20-hectare plot in Jhansi's defence industrial corridor to expand small-caliber weapons and ammunition manufacturing.

Source: [Vijay Trishul X](#)

John Cockerill Defense and Electro Pneumatics and Hydraulics Pvt Ltd have signed a joint venture agreement, focusing on the production of advanced turrets for the Indian Army's light tank program

Source: [John Cockerill](#)

Parsons Corporation, in collaboration with the Air Force Civil Engineer Center, is integrating its *ZEUS 4* directed energy system onto the joint light tactical vehicle. The initiative aims to modernize the U.S. Air Force's Recovery of Airbase Denied by Ordnance capabilities.

Source: [SOFREP](#)

Tata Electronics, in partnership with Taiwan's Powerchip Semiconductor Manufacturing Corp. and Himax Technologies, will establish a display chip manufacturing unit in Dholera, Gujarat.

Source: [Business Standard](#)

India's Bharat Electronics Limited has completed deliveries of Swathi WLR *Mk I* (advanced radar systems) to the Indian Army. The Indian Army now

operates 43 Swathi *Mk I* and 6 Swathi *Mk II* radars for plains and mountainous terrains.

Source: [Janes](#)

TakeMe2Space, a Hyderabad-based space technology startup, raised approximately \$635,104 in a pre-seed funding round to launch MOI-1, India's first artificial intelligence laboratory in space.

Source: [The Hindu Business Line](#)

Zen Technologies secures its third patent for a T-90 tank simulator, providing immersive training for Indian Army operators and defense technology with cutting-edge battlefield simulation.

Source: [India Today](#)

The Defense Advanced Research Projects Agency and Serco have launched Defiant, a fully autonomous unmanned surface vessel under the no manning required ship program.

Source: [The Maritime Executive](#)

India's defence minister Rajnath Singh met Princess Astrid of Belgium and defence minister Mr. Theo Francken on March 03, 2025.

Source: [PIB](#)

On March 3, 2025, the U.S. paused and reviewed military aid to Ukraine after providing \$66.5 billion since 2022.

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

GOVERNMENT UPDATES

China's Ministry of Commerce announced on March 4, 2025, an immediate ban on the import of Illumina Inc.'s gene-sequencing machines.

Source: [Reuters](#)

The Ministry of Defence has set up a committee to reform the Defence Acquisition Procedure 2020, aiming to expedite procurement. The committee plans to finalize reforms within six months to shorten the current five–seven year acquisition timeline.

Source: [India Today](#)

The Department of Government Efficiency has identified \$80 million in wasteful Department of Defense spending, including diversity, equity, and inclusion programs and academic studies.

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

U.S. President Donald J. Trump, in his first address to a joint session of Congress on March 4, 2025, highlighted military reforms, including recruitment, a proposed “Golden Dome” missile defense shield, and a revival of U.S. shipbuilding.

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

On March 4, a Russian SU-35 intimidated a French Reaper drone over the Eastern Mediterranean.

Source: [Reuters](#)

India and the United Arab Emirates officials discuss advancing the India-Middle East-Europe Corridor, a key transcontinental trade route.

Source: [DD News](#)

TENDERS AND REQUEST FOR PROPOSALS

The Indian Navy has issued an expression of interest to procure twelve extra-large unmanned underwater vehicles for anti-submarine warfare, intelligence, surveillance, and high-risk missions.

Source: [Free Press Journal](#)

AmerisourceBergen, DMS Pharmaceutical, and Cardinal Health secure a \$5.94 billion contract to supply pharmaceuticals to the U.S. military until 2027.

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

L3 Harris secures a \$24.7 million contract to provide flight test systems for military aircraft.

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

Anduril Industries won a \$642 million deal to deploy counter-unmanned aircraft systems for the Marine Corps over the next decade.

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

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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info@industechcenter.org

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