

DOT Weekly

NEWSLETTER DEC 23 – DEC 29, 2023

VOL: 2 ISSUE: 1

LAND AND SEA

LSAM 10, the fourth of eight missile cum ammunition barges constructed by a private shipyard for the Indian Navy was inducted on December 28, 2023, at Naval Dockyards, Mumbai. The barges were indigenously made by a small business, SECON Engineering Projects Pvt Ltd.

Source: [Press Information Bureau](#)

Pune's Tata Advanced Systems (TASL) is set to deliver quick reaction force vehicles to the Indian Army.

Source: [DRDO News](#)

On December 26, 2023, the Indian Navy added the new stealth-guided missile destroyer *INS Imphal* to its fleet. The ship underwent extensive trials at sea and in the harbor before its delivery to the Navy in October 2023.

Source: [All India Radio](#)

SOFTWARE, SYSTEMS, AND CYBER

The U.S. Air Force and Navy chose Raytheon to create and test systems using energy blasts to disable electronic parts. Raytheon aims to provide DEFEND prototypes by fiscal 2024 and 2026. The work on high-power microwave antennas has started in Tucson, Arizona, under a \$31.3 million contract spanning three years.

Source: [Defense News](#)

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SPACE AND AEROSPACE

The United States Space Force, alongside SpaceX, successfully launched the *USSF-52* aboard a Falcon Heavy rocket from the Kennedy Space Center Launch Complex on December 28, 2023. The mission marked the *X-37B* orbital test vehicle's seventh space flight and its inaugural launch on a Falcon Heavy.

Source: [United States Space Force](#)

The Indian Space Research Organisation (ISRO) will kick off 2024 by launching India's inaugural x-ray polarimeter satellite, XPoSat, on January 1. The mission aims to unravel the emission processes of celestial bodies such as black holes and neutron stars, marking a promising start to the new year in space exploration.

Source: [DRDO](#)

BUSINESS UPDATES

D-Wave Quantum, a quantum computing company, praises U.S. policymakers for integrating a quantum pilot program into the National Defense Authorization Act, signed into law by President Biden on December 22, 2023. The program will specifically target near-term quantum computing applications to tackle Department of Defense challenges, benefiting the Armed Forces.

Source: [D-Wave](#)

Leidos, a renowned innovator in science and technology, introduced the first enduring shield launchers last week. The primary objective of the launchers is to provide assistance to the Indirect Fire Protection Capability Increment 2 program of the United States Army, which is an essential element of the layered defense strategy of the Department of Defense.

Source: [Leidos](#)

GOVERNMENT UPDATES

Department of Defense introduces a proposed rule for the cybersecurity maturity model certification (CMMC) program. CMMC aims to guarantee compliance among defense contractors and subcontractors with information protection standards for federal contract information and controlled unclassified information.

Source: [Department of Defense](#)

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GOVERNMENT UPDATES

Japan's smart lander for investigating the Moon achieved a significant milestone by entering the Moon's orbit on Christmas Day. The advancement brings Japan closer to its inaugural successful lunar landing, potentially making it the fifth country globally to achieve the feat. To date, the United States, Russia, China, and India have successfully landed probes on the lunar surface.

Source: [Wion](#)

U.S. Secretary of Defense Lloyd J. Austin III spoke with Israeli Minister of Defense Yoav Gallant this week about Gaza's military situation and plans for stabilizing the region post-combat.

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

The eighth edition of the Indian Ocean Naval Symposium (IONS) conclave of chiefs was held in Bangkok, Thailand from December 19 to 22, 2023. IONS, initiated by the Indian Navy in 2008, aims to boost collaboration among Indian Ocean littoral states' navies.

Source: [Press Information Bureau](#)

TENDERS AND REQUEST FOR PROPOSALS

The U.S. Navy awards CACI Enterprise Solutions LLC a contract worth \$32,679,919 to assist the Military Sealift Command (MSC) Integrated Business Systems. The system supports crucial software-intensive operations for both onshore and offshore personnel, providing essential business and operational assistance to the MSC fleet.

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

The U.S. Air Force awards Intelsat General Communications LLC a \$9,087,138 contract for the defense experimentation using commercial space internet. The contract involves developing and testing satellite communication systems that can work with various commercial space internet networks in different orbits.

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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