



Source: [Defense News](#)

# DOT Weekly

NEWSLETTER OCT 28 – NOV 03, 2023

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## LAND AND SEA

The U.S. Army initiates the revamp of software used to coordinate battlefield operations, specifically for managing mortars, missiles, and similar assets. Seeking industry input, the U.S. Army released a request for information on November 1, 2023, for the modernization of the advanced field artillery tactical data system and the creation of the joint targeting command and coordination suite.

**Source:** [Defense News](#)

The U.S. Army gets the first high-power microwave prototype to counter drone swarms. The system prototype handed over to the U.S. Army contributes to their initiative in creating an indirect fire protection capability. The capability aims to safeguard stationary and semi-permanent sites against drones, as well as rockets, artillery, mortars, and cruise missiles.

**Source:** [Defense News](#)

On November 1 2023, the Indian Navy confirmed the successful test launch of a BrahMos missile from one of its warships in the Bay of Bengal. The missile accomplished all its intended mission objectives.

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

## SOFTWARE, SYSTEMS, AND CYBER

Science Applications International Corp. unveiled purpose-built zero-trust security features addressing data, identity, devices, networks, applications, and workloads. These capabilities have been confirmed on AWS Snowball Edge and AWS Snow family devices, integrating storage, compute power, and select AWS functions.

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

SAIC introduces new solutions for Tenjin and enhanced functionalities for Koverse. The advanced Tenjin solutions empower organizations to securely manage and store intricate sensitive data from corporate settings to the edge, facilitating the operationalization of artificial intelligence.

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

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## SPACE AND AEROSPACE

NASA's Michoud Assembly Facility in New Orleans finishes a significant segment of welding for the advanced upper stage of the NASA Space Launch System (SLS) rocket. On October 24, 2023, the hardware was rotated horizontally and relocated within the facility. The weld confidence article is a component of the liquid oxygen tank for the SLS rocket's exploration upper stage. It represents the fifth out of seven articles being produced for the evolved SLS Block 1B configuration.

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

A Falcon 9 rocket successfully launches 23 of SpaceX's Starlink internet satellites from Florida's Cape Canaveral Space Force Station on November 3, marking the eighteenth mission for the Falcon 9's first stage.

**Source:** [Space.com](#)

The Indian Air Force's (IAF) Number 4 Squadron (Oorials) stationed at Air Force Station Uttarlai (Barmer) transitions from the MiG-21 to the Su-30 MKI, signifying a pivotal shift in the squadron's history. The squadron had operated the MiG-21 since 1966, which was the IAF's initial supersonic fighter, introduced in 1963.

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

## BUSINESS UPDATES

Tyler Technologies acquires ResourceX, a key provider of priority-based budgeting software in the public sector. The acquisition enhances Tyler's public sector budgeting solutions, addressing common issues like funding shortages and transparency, and bolsters its enterprise resource planning offerings.

**Source:** [Tyler Technologies](#)

Intelsat, a satellite and terrestrial network operator, and a prominent provider of inflight connectivity, signs a memorandum of understanding with Aalyria, a company specializing in advanced software-defined and optical networking communications. The agreement involves financial commitments to advance the development of cutting-edge optical technology enabling the transfer of massive data between ground and space.

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

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## GOVERNMENT UPDATES

Defense Innovation Unit, India's Innovation for Defense Excellence, USISPF, IndUS Tech Council, and mach33.aero will organize an INDUS-X investors meet on November 8, 2023 in New Delhi. The event will also witness the launch of the *INDUS-X Gurukul Education Series*.

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

On November 10, 2023, U.S. Secretary of State Antony Blinken and Defense Secretary Lloyd Austin will travel to India for the 2+2 Ministerial dialogue with their Indian counterparts External Affairs Minister S. Jaishankar and Defense Minister Rajnath Singh.

**Source:** [All India Radio](#)

The Aerospace & Defence Manufacturing Show, 2023 took place in Bangalore between October 26 and 27, 2023 where the Aeronautical Development Establishment unveiled an updated version of the *Abhyas* high-speed expendable aerial target. The original 2013 configuration featured twin underslung boosters, while the new one includes a single underslung booster, an improved rocket motor, an increased length of 2.44 meters, and an updated wingspan.

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

Kathleen Hicks, deputy secretary of defense, announced the launch of the 2023 U.S. Department of Defense (DoD) data, analytics, and artificial intelligence (AI) adoption strategy. Developed by the Chief Digital and AI office, the strategy amalgamates prior guidance to expand advanced capabilities across the department.

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

Secretary of State Antony J. Blinken will travel to Israel, Jordan, Turkiye, Japan, the Republic of Korea, and New Delhi between November 2 and 10, 2023.

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

The fifteenth India-Singapore Defence Policy Dialogue took place in New Delhi on November 1, 2023. Chaired by Defence Secretary Shri Giridhar Aramane and Permanent Secretary (Defence) of Singapore Mr. Chan Heng Kee, the meeting involved a review of current defense cooperation and a commitment to strengthen collaboration in service-to-service interactions, bilateral exercises, and advancing cooperation in emerging fields such as cyber security.

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

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## TENDERS AND REQUEST FOR PROPOSALS

The U.S. Department of Defense awards IperionX a \$12.7 million contract in funding under the Defense Production Act to address U.S. titanium supply chain vulnerabilities.

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

The U.S. Army Engineering Support Center selects Tetra Tech, a leading provider of high-end consulting and engineering services, for a multiple-award, \$800 million contract to remove and replace aqueous film-forming foam containing per- and poly-fluoroalkyl substances from fire suppression systems at installations throughout the United States.

**Source:** [Tetra Tech](#)

AFWERX selects Snorkel AI for an SBIR phase II contract, worth \$1.24 million, aimed at automating the labeling of intelligence, surveillance, and reconnaissance sensor data to tackle crucial challenges within the Department of the Air Force.

**Source:** [Business Wire](#)

Switzerland becomes the newest customer of the Patriot missile. Switzerland enters into a contract to purchase the latest iteration of the Lockheed Martin-produced Patriot missile as an addition to its Air2030 program.

**Source:** [Defense News](#)

The DoD's Space Development Agency signed a \$732 million contract with Northrop Grumman Space Systems for the development, delivery, and operation of 38 low Earth orbit space vehicles (SVs) for the Tranche 2 Transport Layer-Alpha (T2TL-Alpha) phase of the Proliferated Warfighter Space Architecture development. The deal includes financing for prototype work on ground systems, operations, and sustaining capabilities linked to the 38 T2TL-Alpha SVs.

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

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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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