



Source: [Northrop Grumman](#)

DOT Weekly

NEWSLETTER DEC 16 - DEC 22, 2023

VOL: 1 ISSUE: 46

DOT Weekly

NEWSLETTER DEC 16 – DEC 22, 2023

VOL: 1 ISSUE: 46

LAND AND SEA

India receives price bids from France for the purchase of 26 *Rafale-M* carrier-based fighters and three additional Scorpene-class submarines. The fighter deal is in progress through an inter-governmental agreement, while the submarine purchase follows a previous contract with the Naval Group for six submarines built in India by Mazagon Dockyard Shipbuilders Limited.

Source: [The Hindu](#)

The twelfth Multilateral Naval Exercise (MILAN) will take place in Visakhapatnam from February 19 to 27, 2024, expecting over 50 countries and nearly 20 ships from friendly nations.

Source: [The Economic Times](#)

The Indian Air Force (IAF) officially introduces the surface-to-air missile for assured retaliation (SAMAR) system into its arsenal. SAMAR, a short-range air-defense system, is a collaborative effort between Indian Airforce's 7 Base Repair Depot (BRD) and 11 BRD, working alongside Indian private-sector firms Simran Flowtech Industries and Yamazuki Denki.

Source: [Janes](#)

SOFTWARE, SYSTEMS, AND CYBER

Indian Ministry of Science and Technology unveils an innovative approach to create a versatile 3D photonic crystal capable of finely controlling light in every direction. By integrating nanoparticles into blue phase liquid crystal, the breakthrough offers a pathway to advanced photonic devices.

Source: [Press Information Bureau](#)

DOT Weekly

NEWSLETTER DEC 16 - DEC 22, 2023

VOL: 1 ISSUE: 46

SPACE AND AEROSPACE

SpaceX's upcoming private astronaut launch for Axiom Space's Ax-3 mission to the International Space Station has been rescheduled due to weather conditions and alterations in SpaceX's launch schedule. Originally set for January 9, 2024, the launch will now take place on January 17, 2024.

Source: [Space.com](https://www.space.com)

India's *Aditya-L1* solar observatory mission is nearing its destination at Lagrange Point 1 (L1) and is expected to arrive in the first week of January 2024.

Source: [DRDO](https://www.drdo.gov)

BUSINESS UPDATES

Tata Boeing Aerospace Limited achieves a significant feat by delivering the two-hundred-and-fiftieth *AH-64 Apache* fuselage for the Indian Army. Produced at their advanced facility in Hyderabad, these fuselages cater to global customers, including the U.S. Army. The recent delivery contributes to the order of six such fuselages for the Indian Army.

Source: [DRDO](https://www.drdo.gov)

Luna Innovations acquires UK's Silixa, a top player in distributed fiber optic sensing. The acquisition strengthens Luna's standing in the fiber optic sensing market, expanding its offerings in distributed acoustic sensing, and distributed temperature sensing, for improved performance across energy, and defense applications.

Source: [LUNA](https://www.luna.com)

GOVERNMENT UPDATES

The U.S. Department of State hosted a vital meeting in Honolulu, Hawaii, gathering representatives from Japan, Australia, and India as part of the Quad Counterterrorism Working Group. The event, spanning from December 19 to 21, 2023, aimed to bolster collaboration among these nations in responding to potential terrorist threats in the Indo-Pacific region.

Source: [U.S. Department of State](https://www.state.gov)

DOT Weekly

NEWSLETTER DEC 16 – DEC 22, 2023

VOL: 1 ISSUE: 46

The United States of America, the Republic of Korea, and Japan strongly denounce North Korea's ballistic missile launches on December 17 and 18, 2023, including an intercontinental ballistic missile.

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

In a significant move, Japan declares its intention to transfer Patriot interceptor missiles to the United States, augmenting crucial air and missile defense supplies. The decision is poised to bolster U.S. inventories, fostering increased stability in the Indo-Pacific region.

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

In line with the CHIPS and Science Act and President Biden's Investing in America agenda, the Department of Defense introduced the Microelectronics Commons financial year 2024 Call for projects. The funding initiative aims to back projects supporting domestic microelectronics prototyping and fabrication.

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

The European Union, United States, Canada, Japan, and United Kingdom jointly support the International Civil Aviation Organization's efforts in addressing challenges and opportunities in higher airspace operations.

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

TENDERS AND REQUEST FOR PROPOSALS

The Defense Logistics Agency (DLA) awards LocatorX to enhance DLA's distribution operations using advanced industry 4.0 technology and innovative business methods.

Source: [Locator X](#)

The U.S. Department of Defense granted \$46.2 million to GreenSource Fabrication LLC through the Defense Production Act Investment Program. The investment aims to bolster production capabilities in integrated circuits substrate, high-density interconnect, ultra-high-density interconnect, and advanced packaging technologies.

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

The U.S. Navy awards Bechtel Plant Machinery Inc. a \$772.3 million contract for naval nuclear propulsion components. The contract, awarded without competition, aligns with regulations allowing a sole source when no alternatives meet agency needs.

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

The U.S. Navy awards Raytheon Missile Systems, based in Tucson, Arizona, a \$155.7 million order for 53 joint

DOT Weekly

NEWSLETTER DEC 16 – DEC 22, 2023

VOL: 1 ISSUE: 46

standoff weapon air-to-ground missiles. The order, placed under a previously issued basic ordering agreement, includes 47 missiles for Bahrain's government and six replacement missiles for the Navy.

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

The U.S. Department of Defense selects Kopin Corporation for an order worth around \$6 million for thermal weapon sight eyepiece subassemblies.

Source: [Kopin Corporation](#)

DOT Weekly

NEWSLETTER DEC 16 - DEC 22, 2023

VOL: 1 ISSUE: 46

LAND & SEA | SOFTWARE, SYSTEMS, AND CYBER | CROSS-DOMAIN |
GOVERNMENT UPDATES | AEROSPACE AND SPACE | TENDERS/RFPs | BUSINESS UPDATES

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.

An IndUS Tech Knowledge Production

© All Right received