



Source: www.ses.com

DOT Weekly

NEWSLETTER OCT 14 – OCT 20, 2023

VOL: 1 ISSUE: 37

DOT Weekly

NEWSLETTER OCT 14 – OCT 20, 2023

VOL: 1 ISSUE: 37

LAND AND SEA

Lockheed Martin achieves a successful flight test of the multi-function electronic warfare-air large, an airborne electronic payload with offensive and support capabilities. The test is significant because it marks the first time in decades that U.S. Army electronic warfare soldiers have conducted effective airborne electronic warfare against various threat emitters.

Source: [Lockheed Martin](#)

SOFTWARE, SYSTEMS, AND CYBER

India intends to enhance its Russian-origin Su-30 MKI combat aircraft by fitting it with an indigenous advanced radar called *Virupaaksha*. The upgrade is part of a program aimed at equipping 84 Su-30MKI planes with advanced Indian-made radars and weapon systems.

Source: [DRDO](#)

The Indian Air Force (IAF) will upgrade its indigenous light combat aircraft (LCA) *Mark 1A* fighter jets with *Uttam* radar and *Angad* electronic warfare systems, replacing previously imported equipment. The IAF has already inducted 83 LCA *Mark 1A* jets and intends to acquire 97 more, aiming to replace the aging Russian MiG-series fighters with domestically produced aircraft.

Source: [India Today](#)

SPACE AND AEROSPACE

The Space Development Agency (SDA) requests industry input regarding space antenna array payloads to assess their suitability for future SDA projects.

Source: [Space Development Agency](#)

DOT Weekly

NEWSLETTER OCT 14 – OCT 20, 2023

VOL: 1 ISSUE: 37

SPACE AND AEROSPACE

NATO plans to approve its inaugural counter-drone doctrine, offering member states guidance on layered defense strategies against unmanned aerial systems and the standardization of operator training. The effort to create a counter-unmanned aircraft systems doctrine within the alliance has been ongoing for a while, with the goal of finalizing it by the end of 2023.

Source: [NATO](#)

NASA, in collaboration with Elementum 3D and RPM Innovations, created a 3D-printed aluminum rocket engine nozzle. The nozzle is lighter in weight compared to conventional nozzles. The innovation paves the way for more payload-capable deep space flights.

Source: [NASA](#)

On October 17, 2023, Prime Minister Narendra Modi chaired a high-level meeting where he undertook a review of India's existing space missions and announced India's aim of setting up the *Bharatiya Antariksha Station (Indian Space Station)* by 2035 and undertaking India's first crewed mission to the Moon by 2040.

Source: [Press Information Bureau](#)

BUSINESS UPDATES

Collins Aerospace, an RTX business, signs a licensing agreement with South Korean company Hanwha Systems to develop airborne tactical radios in South Korea as part of a second-generation anti-jam tactical ultrahigh frequency radio for the NATO waveform upgrade program.

Source: [RTX](#)

DOT Weekly

NEWSLETTER OCT 14 – OCT 20, 2023

VOL: 1 ISSUE: 37

GOVERNMENT UPDATES

The twenty-first India-France military sub-committee (MSC) meeting took place between October 16-17, 2023, at Air Force Station, New Delhi. The India-France MSC serves as a platform for advancing defense cooperation through regular discussions between headquarters (HQ)-integrated defense staff in India and the joint staff HQ of the French armed forces at strategic and operational levels.

Source: [Press Information Bureau](#)

In collaboration with the South African Navy's operational sea training team, an eight-member team from the Indian Navy's sea training HQ conducted an operational sea training and safety audit of *SAS Mendi* in Simons Town from October 2 to 13, 2023.

Source: [Press Information Bureau](#)

On October 17, 2023, the Ministry of Defence signed a contract with Mazagon Dock Shipbuilders Ltd, Mumbai, to construct a training ship for the Indian Coast Guard (ICG). The advanced training ship will be equipped with modern surveillance and monitoring systems to provide in-depth training to ICG cadets, enhancing their capabilities for safeguarding the coastline and offshore assets.

Source: [Press Information Bureau](#)

On October 16, 2023, the Indian Ministry of Defence signed a contract with Cochin Shipyard Limited for the mid-life upgrade and re-powering of *INS Beas*. *INS Beas*, the first of the *Brahmaputra* class frigate, will be converted from steam to diesel propulsion. Upon completion in 2026, *INS Beas* will rejoin the Indian Navy's active fleet with enhanced combat capabilities and a modernized weapon suite.

Source: [Press Information Bureau](#)

The 11th edition of the India-Bangladesh joint military exercise '*Sampriti*' concluded on October 16, 2023, in Umroi, Meghalaya. The 14-day exercise, which began on October 3, involved around 350 personnel from both countries and was aimed at enhancing bilateral defense cooperation.

Source: [Press Information Bureau](#)

DOT Weekly

NEWSLETTER OCT 14 – OCT 20, 2023

VOL: 1 ISSUE: 37

GOVERNMENT UPDATES

The U.S. Department of Defense (DoD) signs a non-binding security of supply arrangement with Estonia, allowing both nations to efficiently access industrial resources for defense needs, address unexpected disruptions, and enhance supply chain resilience.

Source: [Department of Defense](#)

DoD's yearly report on China reveals that in 2022, the People's Republic of China increasingly used its military, the People's Liberation Army (PLA), as a tool of statecraft. The PLA conducted more coercive actions in the Indo-Pacific, advanced its nuclear, space, and cyber capabilities, strengthened military ties with Russia, and improved its ability to project power in the Indo-Pacific and globally.

Source: [Department of Defense](#)

TENDERS AND REQUEST FOR PROPOSALS

The U.S. Space Force grants SES Space and Defense, a subsidiary of SES, a five-year contract at a potential value of \$900 million for proliferated low Earth orbit satellite-based services.

Source: [SES Space and Defense](#)

A U.S. government customer selects OSI Systems' security division for awards valued at approximately \$24 million. As part of these awards, Rapiscan (security division of OSI System) will provide cargo and vehicle inspection systems, including support, training, and installation.

Source: [OSI System](#)

The U.S. Army awards Raytheon, an RTX business, a contract to develop the software required to network together 360-degree lower-tier air and missile defense radars to extend the protection of maneuver forces and critical assets.

Source: [RTX](#)

The U.S. Army Contracting Command in Orlando chooses Lockheed Martin to provide event planning, operations, and support for the national cyber range complex at the joint base in Charleston, South Carolina. The project will create realistic cybersecurity environments for testing DoD acquisition programs and training the DoD cyber mission force.

Source: [Lockheed Martin](#)

DOT Weekly

NEWSLETTER OCT 14 – OCT 20, 2023

VOL: 1 ISSUE: 37

TENDERS AND REQUEST FOR PROPOSALS

The Space Development Agency contracts York Space Systems to manufacture 62 communications satellites for the agency's space-based data transport constellation. The satellites are intended for the Tranche 2 Transport Layer Alpha spacecraft, which will establish a communication network in low earth orbit approximately 1,200 miles above the earth's surface.

Source: [Defense News](#)

DOT Weekly

NEWSLETTER OCT 14 - OCT 20, 2023

VOL: 1 ISSUE: 37

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