



Source: Kratos Defense

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LAND AND SEA

- The Indian Army has introduced six units of the *Swathi Mark II* mountain variant weapon locating radar (WLR) for improved battlefield surveillance. Manufactured by Bharat Electronics Limited under a contract awarded in December 2021, these radar units were delivered by March 2023. The Swathi WLR is a mobile radar system that can automatically locate and neutralize enemy artillery, mortars, and rocket launchers through counter-bombardment.

Source: [Janes](#)

SOFTWARE, SYSTEMS, AND CYBER

- Nothing critical to report this week.

SPACE AND AEROSPACE

- The G-SAT 24 satellite, a collaborative project between the Indian Space Research Organisation (ISRO) and Tata Play, has reached its full capacity after successful in-orbit testing. With Tata Play having 600 channels, the addition of ISRO's satellite enables transmission of 900 channels and data to remote areas like the Northeast and Andaman and Nicobar Islands.

Source: [The Statesman](#)

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- ISRO, in partnership with New Space India Limited, has transferred its IMS-1 satellite bus technology to the private company Dhruva Airspace. The transfer is important as the IMS-1 satellite bus supports various payloads for tasks like Earth imaging, ocean studies, and space science missions.

Source: [ISRO](#)

- The Indo-French satellite TRISHNA, designed for high-resolution natural resource assessment, is scheduled for launch in 2025. With a focus on ocean temperature measurement to study climate changes, TRISHNA will expand the existing Indo-French satellite fleet for climate monitoring and operational use.

Source: [WION](#)

- ISRO and JAXA are collaborating on Lunar Polar Exploration (LUPEX) to investigate the permanently shadowed regions of the Moon's far side and verify the presence of resources there.

Source: [The Hindu](#)

- Argentina signs the Artemis Accords, bringing the total number of member countries in this select grouping to 28. By signing the Accords, Argentina aligns with principles for space exploration and reinforces key aspects of the 1967 outer space treaty.

Source: [US State Department](#)

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BUSINESS UPDATES

- GHGSat, a leading firm in high-resolution greenhouse gas monitoring from space, selects SPIRE Global, a global provider of space-based analytics, data, and space services, to expand satellite constellation for emission monitoring. Under the agreement, SPIRE will manufacture, launch, and operate four additional 16U satellites to carry GHGSat payloads for monitoring greenhouse gas emissions.

Source: [Spire Global](#)

- Hypersonix Launch Systems and Kratos Defense & Security Solutions have partnered exclusively to offer the Hypersonix DART AE hypersonic system in the United States. This system, measuring three meters, utilizes hydrogen-fueled scramjet technology for autonomous multi-mission air-breathing hypersonic capabilities. It serves to develop, demonstrate, and evaluate hypersonic technologies, as well as explore potential applications.

Source: [Hypersonix](#)

- Schneider Geospatial, a portfolio company of Align Capital Partners, acquired Spatialest, a leading provider of geographic information system-based SaaS solutions. The strategic partnership strengthens Schneider Geospatial's commitment to transforming the way government interacts with innovative technology.

Source: [Business Wire](#)

GOVERNMENT UPDATES

- A bipartisan U.S. Congressional delegation, led by co-chairs Ro Khanna and Michael Waltz from the House of Representatives' India Caucus, is on a visit to India. The delegation's visit includes meeting cultural figures in Mumbai, visiting aerospace and biotech facilities in Hyderabad, and meeting with Prime Minister Narendra Modi in Delhi. Moreover, it marks a historic occasion as the U.S. political representatives will participate in India's independence day celebrations.

Source: [CNBC](#)

- India and the United States will hold their 19th bilateral military exercise, *Yudh Abhyas*, in Alaska next month. The focus will be on rapid and coordinated operations in high-altitude regions, particularly for responding to emergencies like natural disasters. The exercise is scheduled for the second week of September, with specific dates yet to be confirmed.

Source: [The Print](#)

- In a significant development, the U.S. State Department has informed the U.S. Congress of the Biden Administration's decision to facilitate the production of General Electric (GE)-F 414 jet engines for India's light combat aircraft Mark II. The technology transfer route will be utilized, enabling Hindustan Aeronautics Limited (HAL) to manufacture the engines. The notification was sent on July 28, and approval will follow the mandatory 30-day period. The memorandum of understanding between GE and HAL was inked on June 22, 2023.

Source: [Hindustan Times](#)

- INS *Sahyadri* and INS *Kolkata* will join the U.S. Navy, Japan Maritime Self Defence Force, and the Royal Australian Navy for exercise MALABAR, 2023 from August 11 to 21, 2023 in Sydney. Started in 1992 as a bilateral exercise between the Indian Navy and U.S. Navy, MALABAR has expanded to include four major Indo-Pacific navies.

Source: [Press Information Bureau](#)

TENDERS AND REQUEST FOR PROPOSALS

- The Department of Defense awards Kopin Corporation, a leading provider of application-specific optical systems and high-performance micro-displays for defense and enterprise, an approximately \$12.8 million additional order for its thermal weapon sight program.

Source: [Kopin](#)

- NASA awards Spire Global a \$6.5 million contract to extend its involvement in NASA's Commercial smallsat data acquisition program for another 12 months. The contract extension marks a \$500,000 augmentation from the previous award of \$6 million granted in June 2022.

Source: [Spire Global](#)

- The Indian Ministry of Defence has issued two requests for information (RFI) to acquire high-mobility vehicles. The initial procurement involves 2,150 vehicles capable of transporting payloads exceeding 8,000 kg. These vehicles will be deployed along the western Pakistan and northern China borders. One RFI aims to obtain around 650 high mobility 6x6 vehicles with material handling cranes. The second RFI pertains to the purchase of approximately 1,500 high mobility 6x6 general service vehicles.

Source: [Indian Express](#)

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