



Source: [Eutelsat](#)

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LAND AND SEA

The Indian Navy and the Defence Research and Development Organisation (DRDO) successfully conduct guided flight trials of the first domestically produced naval anti-ship missile. Fired from a Sea King 42B helicopter, the accomplishment represents a substantial stride toward self-sufficiency in specialized missile technology, highlighting progress in seeker and guidance technologies.

Source: [All India Radio](#)

On November 20, 2023, the Indian Navy's fourth missile cum ammunition barge, LSAM 10 (Yard 78), was launched in Andhra Pradesh. The barge is part of a project by a small shipyard, SECON Engineering Projects Pvt Ltd., Visakhapatnam. The contract for building eight barges was signed between the Ministry of Defence and SECON Engineering Projects Pvt. Ltd. on February 19, 2021.

Source: [Press Information Bureau](#)

SOFTWARE, SYSTEMS, AND CYBER

The Defense Advanced Research Projects Agency (DARPA) intends to grant a contract in the upcoming summer to set up a U.S. hub focused on advanced microelectronics manufacturing. Known as the Next-Generation Microelectronics Manufacturing program, it aims to finance research and equipment for developing a national center to prototype innovative fabrication methods.

Source: [Defense news](#)

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SPACE AND AEROSPACE

NASA administrator Bill Nelson will embark on meetings in India and the UAE from Monday, November 27, 2023, engaging with key government officials and space authorities in both countries. In India, Nelson's visit includes stops at Bengaluru-based facilities where testing and integration for the NISAR spacecraft, a joint project between NASA and ISRO, are ongoing.

Source: [NASA](#)

India's space economy aims to reach \$40 billion by 2040, with predictions from some agencies suggesting it might even reach \$100 billion. Currently, the space economy stands at around \$8 billion.

Source: [Press Trust of India](#)

The Indian Coast Guard and Navy plan to purchase fifteen C-295 transport aircraft for maritime surveillance. The aircraft, produced in collaboration between Airbus and Tata Advanced Systems, will undergo modifications with sensors and radars by DRDO's Center for Airborne Systems to serve as maritime patrol planes.

Source: [The Economic Times](#)

OneWeb India gets approval from the Indian National Space Promotion and Authorisation Centre (IN-SPACe) to launch Eutelsat OneWeb's satellite broadband services in India, making it the first organization to receive the authorization. IN-SPACe is the Indian government agency overseeing and approving space activities in the country. Eutelsat OneWeb is part of the Eutelsat Group and operates low-Earth orbit (LEO) satellites.

Source: [Eutelsat](#)

BUSINESS UPDATES

Amentum announces a merger with Jacobs' critical mission solutions and cyber and intelligence divisions this week. The union aims to establish a new entity in systems integration and technology solutions.

Source: [Amentum](#)

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GOVERNMENT UPDATES

The United States Assistant Secretary of Defense for Indo-Pacific Security Affairs, Ely Ratner, held phone-call discussions with Republic of Korea (ROK) Deputy Minister for National Defense Policy Heo Taekeun and Japan's Director-General for Defense Policy Kano Koji. The leaders strongly condemned North Korea's recent ballistic missile-based space launch.

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

On November 23, 2023, a memorandum of understanding (MoU) was signed between the Headquarters, Integrated Defence Staff (HQ IDS), and the Council of Scientific and Industrial Research (CSIR) in New Delhi. The MoU intends to facilitate technical collaboration and joint research in defense technology.

Source: [Press Information Bureau](#)

India and Australia began the bilateral *AustraHind* tri-service combat exercise in Perth this week. The exercise aims to enhance defense ties between the two nations and promote interoperability in conducting tactical operations. This is the second edition of the *AustraHind* exercise, with the first one taking place in Rajasthan last year.

Source: [DRDO](#)

On November 21, 2023, the U.S. Indo-Pacific Command, in coordination with the armed forces of the Philippines, began joint maritime and aerial patrols in the South China Sea.

Source: [Missile Defense Advance Alliance](#)

The fourteenth Indo-US joint military exercise, *Vajra Prahar* 2023, started at Meghalaya's Umroi, hosted by the Indian Army's joint training node on November 21, 2023. *Vajra Prahar* focuses on sharing best practices in joint mission planning and operational tactics between the Indian Army and U.S. Army special forces.

Source: [DD News](#)

India's Defense Minister, Rajnath Singh, met with Australian Deputy Prime Minister and Defense Minister Richard Marles in New Delhi on November 20, 2023.

Source: [Press Information Bureau](#)

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TENDERS AND REQUEST FOR PROPOSALS

The Indian Army is looking to support its program for refurbishing and extending the life of in-service T-72 main battle tanks. The initiative, called "Overhaul II of Tank T-72", aims to bring these tanks back to a condition akin to when they were new, erasing the effects of aging and usage.

Source: [Janes](#)

The U.S. Army seeks industry proposals to explore the capabilities of LEO satellite constellations for upgrading its blue-force tracker system. The tracking system helps units monitor the locations of friendly forces on the battlefield. Moreover, it improves satellite communication capabilities by integrating more pathways for increased resilience.

Source: [Defensescoop](#)

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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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