



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

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LAND AND SEA

The Indian Navy received its third ammunition, torpedo, and missile barge on November 30, 2023. The barge delivery, constructed by Suryadipta Projects, is part of a contract for 11 such barges.

Source: [Press Information Bureau](#)

SOFTWARE, SYSTEMS, AND CYBER

Nothing critical to report this week.

SPACE AND AEROSPACE

AFWERX and NASA join forces to create a digital operations hub for advanced air mobility (AAM) efforts, selecting ResilienX through the civilian commercialization readiness pilot program. The collaboration aims to bridge technological gaps in the rapidly evolving AAM landscape.

Source: [The U.S. Air Force](#)

ISRO reveals India's upcoming launch of its first X-ray polarimeter satellite (XPoSat) to study intense X-ray sources' polarization. While India has experience in space-based X-ray astronomy, mainly in imaging and spectroscopy, the XPoSat mission represents a significant step forward.

Source: [The Hindu](#)

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This week, NASA Administrator Bill Nelson met with ISRO's chairman and Department of Space Secretary S. Somanath at ISRO headquarters. The secretary highlighted the enduring collaboration between the agencies, citing milestones like the first sounding rocket launch in India and discoveries made by *Chandrayaan-1*, including the detection of hydroxyl molecules on the Moon. He also mentioned the upcoming joint project NISAR (NASA ISRO Synthetic Aperture Radar) focusing on low earth orbit observation.

Source: [DRDO](#)

BUSINESS UPDATES

Madison Dearborn Partners (MDP), a leading private equity investment firm headquartered in Chicago, acquires T2S Solutions to enable continued growth and innovation support of U.S. defense and intelligence missions.

Source: [Business Wire](#)

Securonix, a unified defense security information and event management (SIEM) company, partners with Wiz, a cloud security company, to create a unified approach for safeguarding online data, spotting risks, and acting against security issues in both ever-shifting cloud and on-premises environments.

Source: [Securonix](#)

L3Harris Technologies finalizes a definitive agreement where a TJC affiliate will purchase L3 Harris' commercial aviation solution business for \$800 million. The acquisition involves a \$700 million cash transaction and an additional \$100 million contingent on meeting specific financial targets in 2023 and 2024.

Source: [L3Harris](#)

On November 28, 2023, India's Ministry of Defence inked a deal with Bharat Heavy Electricals Ltd. to purchase 16 upgraded super rapid gun mounts and related equipment for the Indian Navy.

Source: [Press Information Bureau](#)

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GOVERNMENT UPDATES

U.S. Secretary of Defense Lloyd J. Austin hosted the AUKUS defense ministers' meeting at the Defense Innovation Unit headquarters in California. The primary discussion surrounding AUKUS centered on Pillar I, supplying Australia with nuclear-powered submarines. Moreover, the discussion surrounded Pillar II which delves into cutting-edge technologies such as hypersonic missiles and quantum computing.

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

The Defense Innovation Unit plans to hold a technology summit in early 2024 to ramp up its involvement with potential partners for the Pentagon's Replicator initiative.

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

The Indian defense minister Rajnath Singh, head of the Defense Acquisition Council, approved capital acquisition proposals worth \$26.8 billion. Ninety-eight percent of the total allocation will be sourced domestically.

Source: [Press Information Bureau](#)

The *Mitrashakti* 2023 joint military exercise between India and Sri Lanka concluded after 12 days at Pune's southern command foreign training node. Indian Army and Air Force troops participated, exchanging and learning operational drills and tactics during the exercise.

Source: [The Economic Times](#)

The Nepal Army, with 334 personnel, arrived in India for the seventeenth joint military exercise "*Surya Kiran*." Taking place in Pithoragarh, Uttarakhand, from November 24 to December 7, 2023, the annual event rotates between the two countries.

Source: [Press Information Bureau](#)

The Indian Prime Minister Narendra Modi flew in the indigenous *Tejas* twin seat light combat fighter aircraft in Bengaluru this week. The sortie, lasting 30 minutes from the aircraft systems testing establishment, showcased *Tejas*' capabilities. The move marks the first time an Indian Prime Minister has flown in a fighter aircraft.

Source: [Press Information Bureau](#)

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TENDERS AND REQUEST FOR PROPOSALS

The U.S. Army Contracting Command (Detroit Arsenal) grants Oshkosh Defense with a production contract for the medium equipment trailer. Oshkosh is collaborating with Broshuis to fulfill the \$342 million contract.

Source: [Oshkosh Defense](#)

The U.S. Army selects nLIGHT for a \$34.5 million contract. The contract spans around eighteen months and involves delivering a high-energy laser to aid the army's rapid capabilities critical technologies office in the directed energy maneuver-short range air defense prototype project.

Source: [nLIGHT](#)

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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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