



Source: [Northrop Grumman](#)

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LAND AND SEA

BEML, an Indian public sector company, successfully tested its indigenous 1500 HP engine for military vehicles at its Mysuru plant. The test was inaugurated by defence secretary Giridhar Aramane.

Source: [DRDO](#)

SOFTWARE, SYSTEMS, AND CYBER

Nvidia reveals powerful new chips called Blackwell, boasting 208 billion transistors. The chips aim to bolster Nvidia's artificial intelligence computing dominance and will be used in upcoming products by major data center operators like Amazon, Microsoft, Google, and Oracle.

Source: [The Wall Street Journal](#)

SPACE AND AEROSPACE

Rocket Lab successfully launched a mission named "Live and Let Fly" for the National Reconnaissance Office from launch complex 2 in Virginia. The launch took place on March 21, 2024, using a Rocket Lab electron launch vehicle.

Source: [Rocket Lab](#)

National Aeronautics and Space Administration (NASA) plans to launch three sounding rockets during the total solar eclipse on April 8, 2024. The rockets, known as atmospheric perturbations around eclipse path, will take off from NASA's Wallops flight facility in Virginia. The mission is to study how the earth's upper atmosphere reacts when sunlight is temporarily blocked by the moon during an eclipse.

Source: [NASA](#)

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BUSINESS UPDATES

Untether AI, an energy-centric artificial intelligence (AI) acceleration provider, partners with J-Squared Technologies, known for durable computer systems, to launch an AI-powered object detection solution at the association of United States Army's global force symposium.

Source: [Untether AI](#)

Laser Photonics Corporation partners with Incredible Supply & Logistics, a distributor specializing in serving government, defense, maritime, and space sectors, to distribute its industrial laser systems for various applications.

Source: [Laser Photonics Corporation](#)

Northrop Grumman enlarges the naval industrial reserve ordnance plant at Allegany Ballistics Laboratory in West Virginia with a \$178 million contract from naval sea systems command. The expansion involves building a new modular energetics facility to increase capacity.

Source: [Northrop Grumman](#)

IonQ, a key player in quantum computing, teams up with South Carolina Quantum (SC Quantum) to offer quantum computing services and expertise to SC Quantum partners, including universities. They will collaborate on creating specialized academic courses to train individuals for the growing quantum industry.

Source: [IonQ](#)

Mira Aerospace from the U.A.E and Indian start-up VEDA Aeronautics have teamed up to provide "high altitude pseudo satellite" solutions tailored for both military and civilian use in India.

Source: [DRDO](#)

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GOVERNMENT UPDATES

Secretary of defense Lloyd J. Austin III met with Japan's national security advisor, Akiba Takeo, at the Pentagon to strengthen collaboration between the two nations. They emphasized areas for enhancing the alliance in promoting a free and open Indo-Pacific region ahead of Prime Minister Kishida's upcoming official visit to the United States on April 10, 2024.

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

On March 18, 2024, secretary of defense Lloyd J. Austin III and India's defense minister Rajnath Singh virtually discussed advancing the U.S.-India Major Defense Partnership for a free and open Indo-Pacific. They praised progress on defense initiatives, including military modernization support, cooperation in defense industry, enhancing maritime awareness in the Indian Ocean, and upholding the rule of law in the Arabian Sea and nearby waters.

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

Indian naval ship (INS) *Tir* and *Sujata* joined the second India- Mozambique -Tanzania tri-lateral exercise, a joint maritime drill scheduled from March 21 to 29, 2024. The first edition in October 2022 included INS *Tarkash* alongside the Tanzanian and Mozambique Navies.

Source: [DRDO](#)

The opening ceremony of the bilateral amphibious exercise, Tiger Triumph, between India and the US took place on INS *Jalashwa* on March 19, 2024. The exercise underscores the strong strategic partnership between the two nations and focuses on sharing best practices and standard operating procedures for multinational humanitarian assistance and disaster relief operations.

Source: [Press Information Bureau](#)

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TENDERS AND REQUEST FOR PROPOSALS

Beyond New Horizons (BNH) secures a contract worth over \$3.7 billion from the U.S. Air Force for test operations and sustainment II. BNH, a Joint Venture between Astrion and Fluor, specializes in testing and evaluating military and space systems.

Source: [BusinessWire](#)

CACI International secures a single-award technology task order valued at up to \$239 million from the U.S. Army. The order aims to modernize the U.S. Army's global secure internet protocol router network, utilizing commercial solutions for classified technology to enhance secure user access and mobility.

Source: [CACI](#)

DARPA selects Northrop Grumman to advance the idea of creating a train system on the moon as part of the LunA-10 study. This moon-based railroad could carry people, goods, and materials, supporting commercial activities on the lunar surface and boosting the space economy for the United States and its partners.

Source: [Northrop Grumman](#)

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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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