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LAND AND SEA

On September 27, Lockheed Martin successfully launched the *Trident II D5* life extension fleet ballistic missile in support of the U.S. Navy. The launch, part of demonstration and shakedown operation-32, involved an unarmed missile launched from the Pacific Ocean near California.

Source: [Lockheed Martin](#)

SOFTWARE, SYSTEMS, AND CYBER

Nothing critical to report this week.

SPACE AND AEROSPACE

U.S. Department of Defense presents “Space Policy Review and Strategy on Protection of Satellites” to the U.S. Congress. The report deliberates on the threats that the United States faces within the spatial domain. The document is a follow-up to the “U.S. Space Priorities Framework” that the Biden administration released in 2021 to defend U.S. space-based assets.

Source: [U.S. Space Command](#)

U.S. Space Force Chief Chance Saltzman is considering establishing a space force base in Japan.

Source: [Nippon News](#)

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SPACE AND AEROSPACE

U.S. SPACECOM hosts tabletop exercises with representatives from the United Kingdom, Canada, Australia, New Zealand, Germany, and France. The representatives deliberated on intelligence and information sharing, the solidification of a command-and-control structure, and the expansion of mission sets.

Source: [US Space Command](#)

Indian Space Research Organisation and Japan Aerospace Exploration Agency (JAXA) will collaborate on a moon mission to hunt for water near the lunar south pole. The mission is slated to launch on Japan's H3 rocket before 2025. The project will investigate the quality of water on the moon.

Source: [Space.com](#)

BUSINESS UPDATES

VSE Corporation, a prominent company offering maintenance, repair, and overhaul services for transportation assets, mutually agrees to terminate the sale of its VSE federal and defense segment to Bernhard Capital Partners, as previously announced on May 1, 2023.

Source: [VSE Corporation](#)

Booz Allen Hamilton, a provider of artificial intelligence (AI) services to the federal government, announces a strategic investment by its corporate venture capital arm, Booz Allen Ventures, in HiddenLayer, a security platform for protecting machine learning models. The investment enhances Booz Allen's adversarial AI expertise, developed for clients like the Department of Defense and intelligence agencies.

Source: [Booz Allen Hamilton](#)

Textron Aviation receives the confirmation and a deposit from Surf Air Mobility Inc. for the first twenty *Cessna Grand Caravan EX* aircraft as part of their initial fleet order.

Source: [Textron Aviation](#)

Eutelsat Communications SA (ETL), One Web Technologies, and Bharti Enterprises join hands to create the world's first low earth orbit and geostationary orbit satellite space connectivity firm.

Source: [The Times of India](#)

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BUSINESS UPDATES

Drone maker ideaForge and space technology start-up GalaxEye sign a pact to develop an unmanned aerial vehicle foliage penetration radar for the security forces to enhance aerial surveillance. Under the collaboration, ideaForge will use the synthetic aperture radars (SARs) built by GalaxEye to enhance monitoring capabilities in challenging scenarios.

Source: [ET Telecom](#)

GOVERNMENT UPDATES

A three-day event, organized by the Indian Army and the U.S. Army, called IPACC, IPAMS, and SELF-2023, concluded in New Delhi on September 26, 2023, with the participation of thirty countries. It involved discussions on security and regional stability in the Indo-Pacific. The event included meetings between the Chiefs of Staff of the U.S. Army and the Indian Army.

Source: [Press Information Bureau](#)

INS *Sahyadri*, an Indian Navy warship deployed in the Indo-Pacific, joined in the first-ever trilateral maritime partnership exercise with ships and aircraft from the Royal Australian Navy and the Indonesian Navy from September 20 to 21, 2023. The exercise is aimed at enhancing cooperation among the maritime nations and bolstering their combined ability to ensure stability, peace, and security in the Indo-Pacific region.

Source: [Press Information Bureau](#)

The nineteenth edition of the exercise Yudh Abhyas is scheduled from September 25 to October 8, 2023, at Fort Wainwright, Alaska, United States. The annual exercise involves joint participation from the Indian Army and the United States Army. In this edition, 350 Indian Army personnel will take part, with the lead battalion representing the Maratha light infantry regiment. The previous exercise took place in Auli, Uttarakhand, India, in November 2022.

Source: [Press Information Bureau](#)

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GOVERNMENT UPDATES

Secretary of Defense Lloyd J. Austin III met with Indian External Affairs Minister Dr. S. Jaishankar at the Pentagon this week. The two sides discussed security matters in East Asia and the Indian Ocean, as well as ways to strengthen defense cooperation, including defense industrial collaboration, logistics, and the India-U.S. Defense Acceleration Ecosystem (INDUS-X).

Source: [Department of Defense](#)

The United States and India deliberate on expanded cooperation in the space and cyber domains as part of the 2+2 U.S.-India Intersessional Dialogue. The U.S. and Indian representatives also negotiated on the Security of Supply Arrangement and the Reciprocal Defense Procurement Agreement. The U.S. and Indian authorities opined that interoperability and logistics cooperation through combined maritime engagements in the Indian Ocean Region (IOR) had to be strengthened.

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

TENDERS AND REQUEST FOR PROPOSALS

The U.S. Army awards Palantir Technologies a contract worth as much as \$250 million to research and experiment with artificial intelligence and machine learning. The contract, disclosed by the Department of Defense on September 26, will be in effect until 2026.

Source: [Defense News](#)

The U.S. Air Force grants Sarcos Defense, a subsidiary of Sarcos Technology and Robotics Corporation, a \$13.8 million contract for the advancement of its artificial intelligence and machine learning software.

Source: [SARCOS](#)

Northrop Grumman Corporation delivers two solid rocket booster segments to Kennedy Space Center in Florida. The segments will play a vital role in NASA's space launch system rocket for the Artemis II mission, being the initial components to be stacked on the mobile launch platform, generating 7.2 million pounds of thrust during launch.

Source: [Northrop Grumman](#)

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TENDERS AND REQUEST FOR PROPOSALS

The U.S. Navy grants Consortium Management Group, in partnership with Dynetics Inc., a 32.1 million contract for the creation of four prototype systems for medium-range air defense radar and for the maintenance of existing marine expeditionary long-range persistent sensor test assets.

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

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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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