



Source: [Lockheed Martin](#)

DOT Weekly

NEWSLETTER APR 20 – APR 26, 2024

VOL: 2 ISSUE: 18

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LAND AND SEA

The Indian Navy conducts naval exercise *Poorvi Leher* on April 20, 2024, which witnessed the participation of submarines, ships, aircraft, and special naval forces. The exercise had multiple phases with a tactical phase containing combat training in a realistic scenario and a weapon phase where various firings took place to assess Indian Navy's capability to deliver ordinance on target.

Source: [The Hindu Defense](#)

SOFTWARE, SYSTEMS, AND CYBER

A new Android trojan virus has been identified that can steal user information and provide cybercriminals the ability to take control of devices. Named Brokewell, it is distributed via fake application updates like newer Chrome browser iterations. Brokewell has an accessibility logging capability which allows it to capture events like touches, swipes, text input, open applications, and information being displayed on the screen.

Source: [SecurityWeek](#)

Cognizant and Microsoft Corp. announce an increased partnership to make Microsoft's generative artificial intelligence and copilots available to users, revolutionize enterprise business operations, improve employee experiences, and accelerate cross-industry innovation. As part of the partnership, Cognizant is purchasing 25,000 Microsoft 365 copilot seats for Cognizant associates, 500 sales copilot seats, and 500 service copilot seats to enhance productivity, streamline workflows, and transform customer experiences.

Source: [Microsoft](#)

DOT Weekly

NEWSLETTER APR 20 – APR 26, 2024 VOL: 2 ISSUE: 18

SPACE AND AEROSPACE

NASA hosts a technical interchange meeting at Johnson Space Center in Houston. The meeting focused on human systems integration. Commercial companies use the same for low Earth orbit destination designs.

Source: [NASA](#)

BUSINESS UPDATES

Honeywell announces a technology for producing low-cost sustainable aviation fuel (SAF). Hydrocracking technology can be used to produce SAF from biomass.

Source: [Business Today](#)

Gulfstream Aerospace Corp. announces the commencement of customer deliveries for the all-new Gulfstream G700.

Source: [GulfStream](#)

Mitsubishi Heavy Industries, Ltd. (MHI) starts the operation of a test module of solid oxide electrolysis cell (SOEC), a next-generation high-efficiency hydrogen production technology, at Takasago Hydrogen Park, Takasago City, Japan. The test module with a capacity of 400 kilowatts will be utilized to support higher output and capacity.

Source: [Mitsubishi](#)

DOT Weekly

NEWSLETTER APR 20 – APR 26, 2024 VOL: 2 ISSUE: 18

GOVERNMENT UPDATES

The International Conference on Disaster Resilient Infrastructure underscores the need for enhanced financing and investments in infrastructure resilience. The Coalition for Disaster Resilient Infrastructure (CDRI) has called upon international governments, multilateral agencies, private sector companies, and investors to give priority to funding projects that strengthen infrastructure resilience and mitigate the impacts of disasters and climate change. India and the United States are both important members of CDRI.

Source: [US Embassy](#)

On April 24, 2024, the fourteenth defence trilateral talks took place between the United States, Japan, and South Korea. The talks focused on curbing DPRK's nuclear and missile threats, and North Korea's illegal arms shipments to Russia.

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

TENDERS AND REQUEST FOR PROPOSALS

Lockheed Martin Corp. receives a \$156 million contract for joint air-to-surface standoff missile (JASSM) enterprise software. The contract covers the maintenance, modernization, and advancement of JASSM enterprise management software, operational real-time combat analysis systems, SMART-Sync software, mission optimization analysis and reporting capabilities, terminal area model automation systems engineering, integration, and testing, and improved JASSM advanced training.

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

Hunsaker and Associates San Diego Inc. receives a \$10 million architect-engineering contract to provide surveying and mapping services in the Naval Facilities Engineering Systems Command. The contract covers the provision for surveying and mapping services in support of construction planning.

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

Sierra Nevada Corporation receives the award for the Survivable Airborne Operations Center (SAOC). The contract involves the development and manufacture of the SAOC Weapon System, which includes the supply of engineering and manufacturing development aircraft, accompanying ground equipment, production aircraft, and interim contractor support.

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

DOT Weekly

NEWSLETTER APR 20 – APR 26, 2024 VOL: 2 ISSUE: 18

Raytheon, an RTX business, receives a \$344 million contract for the development of two missile variants - the SM-2 Block IIICU and SM-6 Block IU. They will be based on a common guidance section, where the electronics and software that guide a missile to its target are housed. The development programme is largely funded through foreign military sales. The first buyers of these new missiles will be the United States, Australia, Canada, Japan, and Korea.

Source: [Defence Industries](#)

DOT Weekly

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ISSUE: 18

LAND & SEA | SOFTWARE, SYSTEMS, AND CYBER | CROSS-DOMAIN |
GOVERNMENT UPDATES | AEROSPACE AND SPACE | TENDERS/RFPs | BUSINESS UPDATES

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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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