Missile warning system in South Korea to undergo modernization with NGC, U.S. Army

EMMA HELFRICH, ASSOCIATE EDITOR

The U.S. Army and Northrop Grumman Corporation (NGC) have deployed enhanced Joint Tactical Ground Station (JTAGS) capabilities in South Korea, intended to advance battlespace awareness and missile defense in the region.

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FPGA leader Xilinx to be acquired by AMD for $35 billion

JOHN MCHALE, EDITORIAL DIRECTOR

Xilinx, a provider of FPGAs for military applications such as electronic warfare (EW), radar, communications, software defined radio (SDR), etc., has entered into a definitive agreement with AMD for AMD to acquire Xilinx in an all-stock transaction valued at $35 billion.

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EW and spectrum goals detailed in new DoD document

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The U.S. Department of Defense (DoD) has issued a report called “2020 Department of Defense Electromagnetic Spectrum Superiority Strategy,” which is basically a road map for the U.S. military to maintain
freedom of action in the electromagnetic spectrum (EMS) at the time, place, and parameters of its choosing.

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TRML-3D surveillance radar delivered to Royal Thai Army
EMMA HELFRICH, ASSOCIATE EDITOR
The sensor solutions provider HENSOLDT will equip the Royal Thai Army with its TRML-3D. This is the third TRML-3D ordered by the Royal Thai Army. The radar will be delivered in 2022.

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WILD FMC+ Cards Integrate Xilinx Gen 3 RFSoC
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Blended radio frequency resource manager for UAVs in development
EMMA HELFRICH, ASSOCIATE EDITOR
Perspecta Inc. announced today that its applied research arm, Perspecta Labs, has received a contract option and modification for work on phase 3 of the U.S. Defense Advanced Research Projects Agency's (DARPA's) Converged Collaborative Elements for radio frequency (RF) Task Operations (CONCERTO) program. These awards build upon phase 2 implementation and demonstration and have a combined value of $5.1 million.

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Bi-phase modulators covering broad frequency bands released by Fairview
Microwave

EMMA HELFRICH, ASSOCIATE EDITOR

Fairview Microwave Inc., an Infinite Electronics brand and provider of on-demand radio frequency (RF), microwave, and millimeter wave components, has released a new line of bi-phase modulators covering broad octave frequency bands from 0.5 to 40 GHz.

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Hypersonics R&D institute to be situated at Texas A&M University

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Texas A&M University's Engineering Experiment Station (TEES) has been granted a $20 million per year contract to found and run what it will call the University Consortium for Applied Hypersonics (UCAH).

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Sensor for Joint Strike Missile to be delivered to Norway

EMMA HELFRICH, ASSOCIATE EDITOR

Kongsberg Defence and Aerospace (KONGSBERG) has placed a Purchase Order with BAE Systems Australia for an initial batch of Passive Radio Frequency Sensors for the Joint Strike Missile (JSM).

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High Energy Laser weapon system in development with Boeing, General Atomics

EMMA HELFRICH, ASSOCIATE EDITOR
General Atomics Electromagnetic Systems (GA-EMS) and Boeing announced they are partnering to jointly pursue opportunities for a 100 kW-class scalable to 250 kW-class High Energy Laser (HEL) weapon system to support a variety of air and missile defense applications.

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ISR contract for U.S. Special Ops may be worth as much as $780 million
LISA DAIGLE, ASSISTANT MANAGING EDITOR

Special Operations Command has awarded three companies five-year contracts -- with the contracts worth as much as $780 million -- to furnish equipment and technical assistance for designated intelligence, surveillance, and reconnaissance (ISR) activities.

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AN/APG-83 SABR radar undergoes upgrades for domestic defense
EMMA HELFRICH, ASSOCIATE EDITOR

The U.S. Air Force has met Full Operational Capability (FOC) readiness for Northrop Grumman Corporation’s AN/APG-83 Scalable Agile Beam Radar (SABR) active electronically scanned array (AESA) radar on Air National Guard F-16s to meet a U.S. Northern Command Joint Emergent Operational Need (JEON) for homeland defense.

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Electromagnetic spectrum tech analysis to be conducted by Alion

EMMA HELFRICH, ASSOCIATE EDITOR

Alion Science and Technology won a $29 million task order with a 60-month period of performance to provide Electromagnetic Spectrum (EMS) Technology Analysis for Spectrum Supportability and Broadband Support Headquarters for the Department of the Army (HQDA) Chief Information Officer (CIO/G6) Army Spectrum Management Office (ASMO).

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