Top radar/electronic warfare stories of 2017

MARIANA IRIARTE, TECHNOLOGY EDITOR

Radar and electronic warfare (EW) stories continue to be a hot topic. In 2017, contributors covered topics such as software-defined radio (SDR) in the realm of radars as well as choosing the right tool for the job.

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Global EW market to grow to $17.5 billion by 2027, say analysts

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The global electronic warfare (EW) market -- valued at more than $13 billion in 2017 -- will grow at a combined annual growth rate of more than 2.6 percent to be worth $17.7 billion by 2027, according to a forecast by analysts at Strategic Defence Intelligence.

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Army awards $945 million contract for advanced Patriot missiles

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Lockheed Martin's Missiles and Fire Control business unit recently secured a $945 million modification contract from U.S. Army Contracting Command to exercise the production option of fiscal 2018 Patriot Advanced Capability-3 (PAC-3) missiles.

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Electronic warfare systems and open standards at AOC show

JOHN MCHALE, EDITORIAL DIRECTOR

This month we discuss electronic warfare (EW) technology, the impact of open standards in the EW community, software defined radios (SDRs), and the buzz on the floor the Association of Old Crows (AOC) Annual Meeting Association of the U.S. Army's (AUSA) last month in Washington with exhibitors at the event.

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CASA radar: Detecting danger at a distance

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Research and development lab HRL Laboratories has announced the development of a high-resolution, low-power radar antenna array (coded aperture subreflector array or CASA) that the company says can potentially see weapons or explosives concealed on a person at tactically safe distances.

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Secure, Trusted Embedded Computing Systems from X-ES

X-ES rugged, embedded systems are purpose-built with the latest technology to withstand some of the harshest conditions on Earth.

SEAFAC signs $42 million contract to boost signature silencing program

LISA DAIGLE, ASSISTANT MANAGING EDITOR
Leidos was recently awarded a prime contract by the Naval Surface Warfare Center, Carderock Division (NSWCCD) to support the Southeast Alaska Measurement Facility (SEAFAC) signature silencing program.

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USAF signs $333.4 million contract for follow-on radar surveillance
LISA DAIGLE, ASSISTANT MANAGING EDITOR

Raytheon has signed a contract worth a potential $333.4 million (100 percent foreign military sales) with the U.S. Air Force to continue to provide operations and maintenance support services for a surveillance radar program.

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DoD signs agreements for spectrum-monitoring systems
LISA DAIGLE, ASSISTANT MANAGING EDITOR

Engineering and IT firm Vencore Inc. announced that its research arm, Vencore Labs, has garnered agreements from the U.S. Department of Defense (DoD) to design and field the Comprehensive Spectrum Monitoring System (COSMOS) and Spectrum Usage Measurement System (SUMS) programs.

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South Korean AESA radar development program contract won by Saab
JOHN MCHALE, EDITORIAL DIRECTOR

Saab experts will support algorithm development and evaluation for airborne active electronically scanned array (AESA) fighter radar for the South Korean Defence Development (ADD) agency.
USAF signs $961 million contract to upgrade, sustain Sniper targeting pods

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The U.S. Air Force has awarded Lockheed Martin a contract to provide sustainment and upgrades for its fleet of 683 Sniper Advanced Targeting Pods (ATP).

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U.S. Navy to evaluate Saab's anti-submarine warfare system through FCT program

MARIANA IRIARTE, TECHNOLOGY EDITOR

U.S. Navy officials will evaluate Saab's anti-submarine warfare (ASW) training system, the AUV62-AT, through the Foreign Comparative Testing (FCT) Program.

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Fire and finish: The middle of the kill chain

RAY ALDERMAN, VITA STANDARDS ORGANIZATION

As stated in previous articles, we need to reduce the complete kill chain down to 10 minutes or less, according to General John Jumper. So, all new systems and weapons must fit inside the kill chain somewhere (find, fix, fire, finish, feedback).

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