



NOVEMBER 2019



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Electronic warfare operations trials conducted by NATO

EMMA HELFRICH, ASSOCIATE EDITOR

Standing NATO Maritime Group One (SNMG1) began conducting Naval Electro Magnetic Operations (NEMO) trials off the coast of the United Kingdom. NEMO trials, developed by NATO's Above Water Warfare Capability Group (AWWCG), provide a venue for the alliance to evaluate the effectiveness and validate NATO Electronic Warfare (EW) tactics and systems.

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Electronic warfare package approved for Japan's F-15Js

EMMA HELFRICH, ASSOCIATE EDITOR

The U.S. State Department approved a request by Japan for a \$4.5 billion upgrade of its F-15J Eagle fleet of fighter planes. Up to 98 planes, of about 200 owned by the Japan Air Defense Forces, would be brought up to a benchmark known as Japanese Super Interceptor under the plan, the Defense Security Cooperation Agency announced.

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SEWIP Block 3 EW system on track for fleet deployment

EMMA HELFRICH, ASSOCIATE EDITOR

SEWIP Block 3, being developed by Northrop Grumman and the U.S. Navy Program Executive Office Integrated

Warfare Systems (PEO IWS), adds electronic attack to the SLQ-32(V) electronic warfare (EW) system, and is a capability that will meet the urgent operational needs of the fleet.

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First 100Gb-Capable COTS FPGA Board, for High-Bandwidth Applications



For the most challenging real-time data digitization, processing, and storage applications, there is a new, higher-performing 6U OpenVPX board – the [WILDSTAR 6XB2](#). RT3 backplane connectors deliver 100Gb per Fat Pipe.

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NH90 helicopters to be equipped with hostile fire indicator system

EMMA HELFRICH, ASSOCIATE EDITOR

Terma completed a study program for Royal Netherlands Air Force (RNLAf) to identify the best possible way of protecting the NH90 aircraft against infrared-seeking missiles. The study pointed out the Modular Aircraft Survivability Equipment (MASE) system as the preferred choice giving the best compromise between improved self-protection, mission/aircraft compatibility, cost, and fleet commonality.

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Advanced soldier weapon systems developed by Thales

EMMA HELFRICH, ASSOCIATE EDITOR

Thales announced that, in order to maintain a capability advantage for Australia's Defence Forces, the company plans to integrate its soldier systems with digital technologies, advanced sensor and targeting equipment, and networked communications.

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KC-390 aircraft to be equipped with electronic warfare suite

EMMA HELFRICH, ASSOCIATE EDITOR

Elbit Systems Ltd. announced that it won a contract valued at approximately \$50 million from the Portuguese Ministry of Defense to supply the Portuguese Air Force (PtAF) with a complete Electronic Warfare (EW) suite and Customer Logistics Support for the new KC-390 multi-mission aircraft.

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Radar tool from Northrop Grumman to train crews on air defense shown at AOC 2019

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Northrop Grumman is showing its Joint Threat Emitter (JTE) at the AOC Convention this week; the JTE simulates both single- and double-digit surface-to-air and anti-aircraft artillery radar systems to accurately train combat air crews to defeat or avoid Integrated Air Defense Systems (IADS) around the world in a warlike training environment.

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RF analytics tools from HawkEye 360 aim to give users insight into previously hidden spectrum activity

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Radio frequency (RF) data-analytics company HawkEye 360 (Herndon, Virginia) is showing its suite of tools that enable RF analytics that can give users insight into previously hidden spectrum activity.

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Laser counter-UAS system introduced by Raytheon

EMMA HELFRICH, ASSOCIATE EDITOR

Raytheon Company delivered the first high-energy laser, counter-unmanned aerial system (UAS) to the U.S. Air Force earlier this month. The system will be deployed overseas as part of a year-long Air Force experiment to train operators and test the system's effectiveness in real-world conditions.



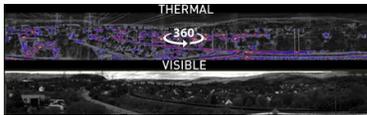
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EW/EMS engineering and tech support from CACI ordered by U.S. Army

LISA DAIGLE, ASSISTANT MANAGING EDITOR

CACI International has won a five-year task order valued at as much as \$88 million to support the U.S. Army Communications--Electronics Command Software Engineering Center's Army Reprogramming Analysis Team (ARAT) Program Office.

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HGH introduces dual-channel panoramic sensor at AUSA 2019

LISA DAIGLE, ASSISTANT MANAGING EDITOR

HGH -- a developer of electro-optic sensors and systems based in Igny, France -- introduces its third generation of SPYNEL-U 360-degree thermal and visible sensor this week at the AUSA annual meeting in Washington, DC.

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Raytheon's Electronic Warfare Planning and Management Tool enters final phase

EMMA HELFRICH, ASSOCIATE EDITOR

Raytheon is developing Capability Drop 4 (CD4) of the Electronic Warfare Planning and Management Tool (EWPMT) under a multi-million dollar contract from the U.S. Army over the next 24 months.

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The New Space Race: an Agile Odyssey

WIND RIVER

Space is back in style. Literally. From new space suits for the first space tourists, to limited-edition NASA bomber jackets, the space market is seeing a renaissance of interest. And with it comes a new infusion of start-ups revolutionizing space tech. John McHale, editorial

director for Military Embedded Systems, and industry experts talk about all the different areas that are getting disrupted and what tomorrow's space leaders should address in the latest episodes of The New Space Race, an original podcast series from Wind River.

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