

Lockheed Martin Demonstrates Advanced Airborne Border Surveillance In Europe

Intelligence & Surveillance Capabilities Showcased at FRONTEX

DENVER, Nov. 21, 2011 /PRNewswire/ -- During a recent European exercise, Lockheed Martin (NYSE: LMT) demonstrated advanced border surveillance capabilities from an optionally piloted vehicle. Lockheed Martin and its team showcased how traditional defense-focused integrated airborne intelligence, surveillance and reconnaissance (ISR) capabilities can be quickly adapted to address dynamic border protection as well as maritime search and rescue needs.

(Logo: <http://photos.prnewswire.com/prnh/20110419/PH85737LOGO-b>)

FRONTEX, tasked to strengthen the security of the European Union external borders, hosted the exercise to view existing capabilities in a live environment. The primary goal of the exercise was to evaluate how optionally piloted vehicles or unmanned vehicles can further enhance border surveillance in the maritime domain. Lockheed Martin demonstrated how quickly optionally piloted vehicles could collect intelligence on suspicious activity or detect boats in distress, then immediately send imagery, streaming video and other gathered intelligence to a ground station.

"Lockheed Martin presented an affordable, integrated solution tailored to address specific European border management requirements," said Jim Quinn, vice president of C4ISR Systems with Lockheed Martin IS&GS-Defense. "We demonstrated how ISR tools can be rapidly deployed, while maintaining linkage to existing infrastructure."

Using a Diamond Airborne Sensing aircraft equipped with a FLIR Electro Optical/InfraRed camera and a robust communications suite, the aircraft collected high definition video and imagery over several flights. Captured information was then transmitted to a ground system via both line of sight and beyond line of sight communications, providing users on the ground with better situational understanding and broader knowledge of the immediate environment. In near real-time, ground station analysts were able to view the data, then update situational awareness displays for all users in the enterprise. Lockheed Martin's team also demonstrated how to share situational awareness pictures with a wide range of display technologies, ranging from computers to handheld devices.

Lockheed Martin's team offers deep domain expertise across the entire C4ISR spectrum, including command and control, communications, sensors, as well as manned and unmanned aircraft. The team included Diamond Aircraft Industries, Scotty Group, Inmarsat, FLIR Government Systems, FAST Protect AG and Broadcast Microwave Services, Inc.

Headquartered in Bethesda, MD., Lockheed Martin is a global security company that employs about 126,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration, and sustainment of advanced technology systems, products, and services. The Corporation's 2010 sales from continuing operations were \$45.8 billion.

For additional information, visit www.lockheedmartin.com or www.frontex.europa.eu/

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