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UNPRECEDENTED DUAL INTERCEPT SUCCESS FOR MEADS AT WHITE SANDS MISSILE RANGE

ORLANDO/MUNICH/ROME, November 6, 2013 – The Medium Extended Air Defense System (MEADS) intercepted and destroyed two simultaneous targets attacking from opposite directions during a stressing demonstration of its 360-degree air and missile defense (AMD) capabilities at White Sands Missile Range, N.M. The flight test achieved all criteria for success.

All elements of the MEADS system were tested, including the 360-degree MEADS Surveillance Radar, a networked MEADS battle manager, two lightweight launchers firing PAC-3 Missile Segment Enhancement (MSE) Missiles and a 360-degree MEADS Multifunction Fire Control Radar (MFCR). All system elements worked as planned.

MEADS is a next-generation, ground-mobile AMD system that incorporates 360-degree radars, netted and distributed battle management, easily transportable launchers and the hit-to-kill PAC-3 MSE Missile.

The first target, a QF-4 air-breathing target, approached from the south as a Lance missile, flying a tactical ballistic missile trajectory, attacked from the north. The Surveillance Radar acquired both targets and provided target cues to the MEADS battle manager, which generated cue commands for the MFCR. The MFCR tracked both targets successfully and guided missiles from launchers in the Italian and German configuration to successful intercepts.

“Today’s successful flight test is the culmination of three countries working together to design, develop and build the most advanced and capable air and missile defense weapon system in the world. No fielded ground-mobile AMD System can intercept targets from two directions at the same time, as MEADS did today,” said NATO MEADS Management Agency General Manager Gregory Kee. “MEADS technology can now be leveraged as mature, network-ready battle management, sensors and launchers to achieve the networked AMD capabilities envisioned by Germany, Italy and the United States.”

The test demonstrated over-the-shoulder maneuverability of the PAC-3 MSE Missile in engaging the targets.

“Based on the maturity of the MEADS hardware and software, we asked our customer to expand this test to a dual intercept,” said MEADS International President Dave Berganini. “The MEADS

program continues to meet or exceed its commitments. Earlier this year, MEADS successfully demonstrated radar cueing, interoperability with networked NATO systems during Joint Project Optic Windmill (JPOW) and certification of our Mode 5 IFF system. Now we're thrilled to demonstrate an unprecedented dual-intercept that has met test objectives and readies MEADS for further development and testing in Europe."

The MEADS program is 3-for-3 in achieving flight test objectives. In November 2011, MEADS performed a simulated intercept of an air-breathing target. In November 2012, MEADS acquired, tracked and destroyed an MQM-107 target. Both tests demonstrated full-perimeter, 360-degree defense with the PAC-3 MSE Missile performing unique over-the-shoulder maneuvers to defeat targets attacking from behind the MEADS emplacement.

MEADS International, a multinational joint venture headquartered in Orlando, Fla., is the prime contractor for the MEADS system. Major subcontractors and joint venture partners are MBDA in Italy and Germany, and Lockheed Martin in the United States.

The MEADS program management agency NAMEADSMA is located in Huntsville, Ala.

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