Lockheed Martin And EADS Cooperate On Naval Radars; TRS-3D Will Equip U.S. Navy's LCS And U.S. Coast Guard's WMSL

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During the Euronaval exhibition in Paris today Lockheed Martinand EADS announced that the U.S. Navy's Littoral Combat Ship (LCS) will be equipped with the EADS TRS-3D radar for air and sea surveillance and weapon assignment, and that the U.S. Coast Guard's Maritime Security Cutter, Large (WMSL) will also be equipped with the EADS TRS-3D radar for air search. Further, both companies have agreed to evaluate opportunities for joint development, marketing and production of the TRS-3D in other shipbuilding programs worldwide.

For LCS, EADS Defence Electronics, an integrated part of the EADS Defence and Security Systems Division, will provide one TRS-3D radar for each LCS ship, for a total of two radars for Flight 0. EADS will also provide two radars for the U.S. Coast Guard's Integrated Deepwater System program - one for the first WMSL and one for the land-based test site, with an option for three more radars.

At the outset of the U.S. Navy's LCS program and the U.S. Coast Guard's Deepwater program - which includes WMSL - the two services expressed their desire to maximize common systems that would expand interoperability and logistics support. In addition to improved interoperability, common systems can reduce total ownership costs through common training, spares, maintenance, and upgrades.

"The TRS-3D will deliver the surveillance capability that is crucial to the missions these ships will perform," said Fred P. Moosally, president of Lockheed Martin Maritime Systems & Sensors. "This radar provides mission capability and logistics efficiencies for both services, reflecting a whole systems approach that embraces the Coast Guard's and Navy's interoperability goals."

The TRS-3D radar was selected based on separate reviews and analysis by both programs of global radar offerings. In both instances, the TRS-3D offered the best overall performance and the lowest risk.

"Preserving maritime security with a variety of different tasks and difficult environmental conditions affords highly capable sensors to ensure situational awareness at any time," said Bernhard Gerwert, CEO and president of EADS Defence Electronics. "Our TRS-3D radar has proven operationally that it is the right answer to these complex demands."

The TRS-3D, developed and produced by EADS Defence Electronics, is a C-band, naval 3D multimode radar for air and sea surveillance and weapon assignment. It is deployed on the German F122 frigates and is being delivered for the K130 corvettes, as well as in operation on ships of several other navies, including Denmark, Finland, Malaysia and Spain.

In different versions, the TRS-3D can serve as a stand-alone radar for the special requirements of smaller ships operating in littoral waters or as the main self-defence radar on frigates and larger ships. The TRS-3D is used for the automatic detection and tracking of all types of air and sea targets. With the latest signal processing technologies, it is especially suited for the early detection of low and fast moving objects, such as missiles, fast boats or unmanned aerial vehicles under severe environmental conditions. It has shown exceptional performance worldwide, including Operation Enduring Freedom, and especially in the very demanding littoral North Sea, Norwegian Sea and Fjord environments.

Lockheed Martin is the prime contractor for the Navy's LCS program. Lockheed Martin is also a joint venture partner with Northrop Grumman, forming Integrated Coast Guard Systems, under which it is responsible for the command, control, communications, computers, intelligence, surveillance and reconnaissance components of the Coast Guard's Deepwater program.

LCS, a revolutionary naval combatant designed to dominate the world's coastal waters, provides the Navy with fast, maneuverable and shallow draft ships aimed at maximizing mission flexibility. The Lockheed Martin LCS team is on schedule to complete Final Critical Design Review in December - the last program milestone before authorization of construction of the first LCS.

The WMSL is a new and highly capable high-endurance cutter designed to satisfy the Coast Guard's multi-mission

responsibilities in homeland security, national defense, marine safety, and environmental protection. In addition to enabling the Coast Guard to fulfill its commitment to the National Fleet Policy, this class of cutters will play an important role in restoring the Coast Guard's operational readiness, capacity, and effectiveness at a time when the demand for its services has never been higher. Construction of the first WMSL began in September at Northrop Grumman Ship Systems' facility in Pascagoula, MS.

EADS Defence Electronics is an integrated part of the EADS Defence and Security Systems Division (DS) and supplies radar, avionics and electronic warfare subsystems to armed and security forces worldwide. DS offers integrated systems solutions to the new challenges confronting armed and homeland security forces.

ICGS is a joint venture of Lockheed Martinand Northrop Grumman. ICGS was awarded the Deepwater contract in June, 2002. Headquartered in Roslyn, VA, core leadership teams are also co-located in Virginia, Louisiana, Mississippi, New Jersey, and Washington, DC.

Headquartered in Bethesda, MD, Lockheed Martin employs about 130,000 people worldwide and is principally engaged in the research, design, development, manufacture and integration of advanced technology systems, products and services.

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