# Lockheed Martin Awarded Machinery Control System Computer Program Modernization Contract For U.S. Navy Destroyers

Lockheed Martin Corporation has been awarded a $13.2 million contract for computer program modernization and integration for Machinery Control Systems (MCS) of DDG 51 Flight I/II Class ships as part of the DDG-Modernization Program. The contract includes a base effort for modernization of the existing computer program as well as engineering services and support required for integration of the hull, mechanical and electrical systems.

Lockheed Martin is currently developing and testing the modernization MCS computer program to be outfitted in the last two new construction destroyers, DDG 111 and DDG 112. The MCS software will be used as the baseline for upgrades to the in-service ships.

"This computer program modernization will reduce human workload, enabling reduction in crew size," explained Jim Craig, Vice President of Ground, Maritime and Civil Solutions for Lockheed Martin Simulation, Training & Support. "It will also drive commonality into the DDG 51-Class MCS, and together these efforts will yield lifetime support cost savings for the Navy."

Lockheed Martin is performing software, hardware and human systems integration to optimize the forward fit solution, that will be designed to flow into the back fitting of ships currently in the fleet. The program is on track to install a modernized fully functional MCS on-schedule.

Lockheed Martin provides marine engineering control systems in all Arleigh Burke-class destroyers, and since 1972 has provided more than 750 control consoles in U.S. Navy cruisers, frigates, support ships and submarines.

Headquartered in Bethesda, MD, Lockheed Martin employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products, and services.

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