Lockheed Martin Completes First Live Track With SPY-1F Radar Aboard Norwegian Frigate

Lockheed Martin successfully completed the first live shipboard tracking exercise with its new SPY-1F multifunction phased array radar system aboard the Norwegian frigate Fridtjof Nansen (F-310).

The Aegis-based system identified and tracked multiple live targets during a three-hour window of fault-free operation at Navantia's Ferrol, Spain shipyard.

"Live shipboard tracking with the SPY-1F radar represents a significant accomplishment in the Norway New Frigate first-of-class test program," said Orlando Carvalho, vice president of Surface Systems at Lockheed Martin Maritime Systems & Sensors. "Our test team has been at Navantia's Ferrol shipyard since October preparing the combat system for the acceptance testing scheduled for this summer."

The SPY-1F is a modified version of the AN/SPY-1D radar system designed to provide anti-air warfare capability with the Evolved Sea Sparrow Missile and Standard Missile-2. Lockheed Martin is responsible for system integration of all integrated warfare system elements - including sensors, communications and weapons - for the Fridtjof Nansen class frigates.

The Aegis Weapon System includes the SPY-1 radar, the world's most advanced computer-controlled radar system. When paired with the MK 41 Vertical Launching System, it is capable of delivering missiles for every mission and threat environment in naval warfare. The Aegis Weapon System is currently deployed on more than 75 ships around the world, with 30 more ships planned. In addition to the U.S. and Norway, Aegis is the weapon system of choice for Japan, Korea and Spain. Recently, Australia selected the Aegis Weapon System for its Air Warfare Destroyer program.

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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