SPY-6 Radar Tracks Ballistic Missile Through Intercept and Multiple, Simultaneous Targets

TEWKSBURY, Mass. – Raytheon Co.’s AN/SPY-6(V) radar continues to demonstrate its integrated air and missile defense capability through exceptional performance against multiple targets, the company said in an Oct. 10 release.

The radar detected, acquired and tracked multiple targets from the U.S. Navy’s Pacific Missile Range Facility, Kauai, Hawaii. Capitalizing on two unrelated exercises conducted nearby in mid-September, SPY-6(V) not only tracked multiple threats simultaneously, but also a ballistic missile through intercept, for the first time.

Raytheon’s SPY-6 continues successful testing at the U.S. Navy’s Pacific Missile Range Facility.

“AN/SPY-6(V) continues to impress through consistent performance against complex, surrogate threats,” said U.S. Navy Captain Seiko Okano, major program manager for Above Water Sensors, Program Executive Office, Integrated Warfare Systems. “With production now underway, we’re progressing – with confidence – toward delivery of this exceptional, game-changing radar, which will transform our naval capabilities for decades to come.”

The SPY-6(V) program has met all milestones, ahead of or on schedule, since its inception in January 2014. The radar has amassed a track record of performance, demonstrating its multimission capabilities against an array of single and multiple simultaneous targets throughout the Navy’s extensive testing program and against various targets of opportunity.

Now in production at Raytheon’s advanced Radar Development Facility, AN/SPY-6(V) remains on schedule for delivery to the first DDG 51 Flight III, the future USS Jack H. Lucas, in 2019.

AN/SPY-6(V) provides greater range, increased accuracy, greater resistance to environmental and man-made electronic clutter, higher reliability and sustainability than currently deployed radars. The radar’s demonstrated sensitivity provides greater coverage for early and accurate detection which optimizes the effectiveness of the Navy’s most advanced weapons, including all variants of Standard Missile-3 and Standard Missile-6.