



Leidos Unveils Innovative Unmanned Maritime Technologies at Advanced Naval Exercise

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RESTON, Va., Aug. 16, 2017 /PRNewswire/ -- [Leidos](#) (NYSE: LDOS), a FORTUNE 500® science and technology company, demonstrated its innovative [unmanned maritime capabilities](#) at the U.S. Navy's Advanced Naval Technology Exercise (ANTX 2017).



These tests showcase the significant role military autonomy could play in augmenting the Navy's fleet and expanding missions. The company used R/V Pathfinder, its autonomy test vessel, to autonomously navigate and collect data in an at-sea operational environment. The data was transmitted to multiple base locations using redundant communication paths; a Leidos developed software defined radio with integrated mobile ad hoc network (MANET) software; and a Kongsberg tactical radio link.

During this exercise, the Leidos Pathfinder vessel, equipped with high-resolution sensors, traversed the waters off of Panama City, Fla. in autonomous mode, with limited human oversight for safety. The ship surveyed the sea floor and instantaneously transmitted ocean and meteorological data back to shore at the Naval Undersea Warfare Center (NUWC) in Newport, R.I. and the Naval Surface Warfare Center (NSWC) in Panama City. In this autonomous navigation mode, the vessel remained compliant with all International Regulations for Preventing Collisions at Sea (COLREGS) requirements based on existing navigation aids and surface contacts, just as a manned vessel would. In addition, Pathfinder conducted a completely autonomous launch and recovery of an unmanned underwater vehicle (UUV) to demonstrate the feasibility of integrating the surface ship survey capability with the ability to perform high-resolution follow-up of features of interest.

"Our participation at ANTX enables us to show our innovative autonomous technology directly to our Navy and government customers," said retired Rear Admiral [Nevin Carr](#), Leidos vice president and U.S. Navy strategic account executive. "This technology does the dull, dirty and dangerous tasks, keeping our sailors safe, costs down and reducing risk."

ANTX is a collaborative event where technologists, stakeholders, and warfighters exercise innovations and prototypes at the research and development level before integrating at the operational level.

About Leidos

Leidos is a FORTUNE 500® science and technology solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 32,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately \$7.04 billion for the fiscal year ended December 30, 2016. For more information, visit www.Leidos.com.

Statements in this announcement, other than historical data and information, constitute forward-looking statements that involve risks and uncertainties. A number of factors could cause our actual results, performance, achievements, or industry results to be very different from the results, performance, or achievements expressed or implied by such forward-looking statements. Some of these factors include, but are not limited to, the risk factors set forth in the company's Annual Report on Form 10-K for the period ended January 30, 2015, and other such filings that Leidos makes with the SEC from time to time. Due to such uncertainties and risks, readers are cautioned not to place undue reliance on such forward-looking statements, which speak only as of the date hereof.

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