

## Boeing Unmanned Undersea Vehicle Can Operate Autonomously for Months

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51-foot Echo Voyager largest of three such vehicles Boeing offers

**HUNTINGTON BEACH, Calif., March 10, 2016** – Boeing [NYSE: BA] today introduced Echo Voyager, its latest unmanned, undersea vehicle (UUV), which can operate autonomously for months at a time thanks to a hybrid rechargeable power system and modular payload bay.

The 51-foot-long vehicle is not only autonomous while underway, but it can also be launched and recovered without the support ships that normally assist UUVs. Echo Voyager is the latest innovation in Boeing's UUV family, joining the 32-foot Echo Seeker and the 18-foot Echo Ranger.

"Echo Voyager is a new approach to how unmanned undersea vehicles will operate and be used in the future," said Darryl Davis, president, Boeing Phantom Works. "Our investments in innovative technologies such as autonomous systems are helping our customers affordably meet mission requirements now and in the years to come."

Echo Voyager will begin sea trials off the California coast later this summer. Boeing has designed and operated manned and unmanned deep sea systems since the 1960s.

"Echo Voyager can collect data while at sea, rise to the surface, and provide information back to users in a near real-time environment," said Lance Towers, director, Sea & Land, Boeing Phantom Works. "Existing UUVs require a surface ship and crew for day-to-day operations. Echo Voyager eliminates that need and associated costs."

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Echo Voyager video overview: <http://www.boeing.com/features/2016/03/bds-echo-voyager-03-16.page>

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