

## AQUABOTIX SUCCESSFUL IN ANTX DEMONSTRATIONS

- *Aquabotix successfully completed several capability demonstrations during this year's exclusive United States Navy's Advanced Naval Technology Exercise event.*

Sydney, Australia and Virginia and Maryland, USA - **UUV Aquabotix Ltd (ASX:UUV)** ("Aquabotix" or the "Company") today announces that it has successfully completed a series of demonstrations for the United States Navy's Advanced Naval Technology Exercise ("ANTX") events. ANTX provides an opportunity for the United States Navy and industry to come together to test cutting edge autonomous systems and their related technologies, and the event enables the Navy to identify science, technologies, and future concepts for the maritime domain.

Aquabotix's demonstrations were focused around the showcasing of its SwarmDiver's™ capabilities and how the technology can be used to support the Navy's theme of "Prepare for Battle: Undersea Security." The SwarmDiver™ family of vehicles can be used to support a broad range of mission requirements, including enhancing a user's understanding of their operational environment, especially in challenging areas such as very shallow water and surf zones.



*Members of U.S. Navy Reviewing SwarmDiver™ during ANTX events*

In a number of these exercises, Aquabotix utilized SwarmDiver's™ new mission planning feature to execute autonomous near shore mapping missions. The mission planner enables an operator to define specific parameters for data collection, and the SwarmDiver™ performs this mission without additional interference or guidance needed on the operator's part. This is a force factor multiplier for a military, supporting both survivability and lethality objectives, as an operator keeps head up and hands free during the mission and is available to support other mission needs simultaneously.

Also highlighted during these mapping exercises was the system's ability to gather data in very shallow water environments and to transmit that data back to the base station for production of a 3D bathymetric map in near real time. The swarm functionality of SwarmDiver™ enables data collection in a grid formation by multiple vehicles simultaneously rather than "lawn mower" pattern by a singular vehicle or manual collection by divers. Further, the SwarmDivers™ transmit

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information wirelessly from their remote locations, rather than returning to the operator for download or relay. These features enable bathymetric maps to be produced faster and safer by SwarmDiver™ system than possible using the current most commonly applied methods.



*Operator launching SwarmDiver™ manually during demonstration at ANTX*

The Aquabotix team also demonstrated the ability to stealthily map an area using the dive commands for the SwarmDiver™ system. As a “bad actor” vessel entered the data collection area, the operator elected to temporarily override the set mission plan and submerge the SwarmDivers™ underwater, hiding them from sight until the vessel was no longer in the area of operation.

Finally, various deployment and recovery mechanisms for the SwarmDiver™ vehicles were used in the ANTX exercises. SwarmDiver’s™ ability to be deployed manually or autonomously from the shore or any other platform of opportunity supports flexibility for broader use of the system. Additionally, an ability to autonomously recover the vehicles may support battery recharging for persistent use of the system among other things.



*Senator Sheldon Whitehouse and Rhode Island Secretary of Commerce, Stefan Pryor, examining Aquabotix’s SwarmDiver™ during ANTX events.*

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The following link contains Navy's video footage from Aquabotix's demonstrations at ANTX in Newport, RI, USA along with commentary from Aquabotix's VP of Programs, Ian Estaphan Owen, on the uniqueness of the capability sets showcased at this event.  
<https://www.facebook.com/NUWCNewport/videos/433697014157058/?t=80>

## Further Information

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## About UUV Aquabotix Limited

Based in Sydney, Australia and Virginia and Massachusetts, USA, Aquabotix is an established underwater robotics company which designs, develops, and sells underwater and surface drones with swarming capabilities for commercial, high-end consumer, and military applications. Aquabotix is the first company globally to offer commercially-available swarming micro-sized unmanned maritime drones. Please visit [www.aquabotix.com](http://www.aquabotix.com)

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