

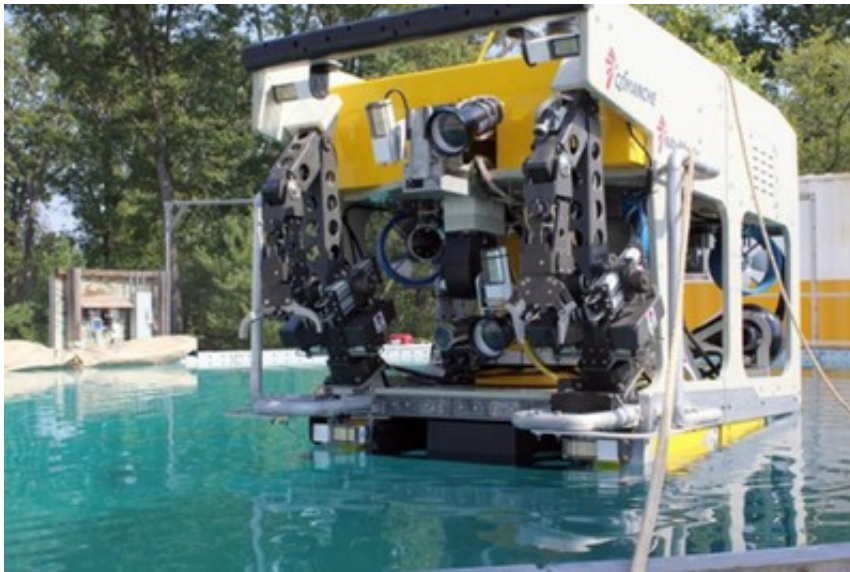
Sub-Atlantic ROV used by U.S. Army to clear Ordnance Reef

2011-11-11 09:00:00 by Rons_ROV_Links



The U.S. Army recently deployed a remotely operated underwater munitions recovery system (ROUMRS) over Ordnance Reef, an area off the Waianae Coast of Oahu.

The system used a Sub-Atlantic Comanche Remotely Operated Vehicle (ROV) to recover and destroy explosives in an area that was used as a disposal site for military munitions after World War II.



The remotely operated underwater munitions recovery system, pictured here, has recovered 32 munitions since it was first put into the waters off the Waianae Coast, Hawaii, July 1, 2011. Photo Credit: Courtesy of Ordnance Reef

The Comanche ROV used a seven thruster propulsion system specifically developed to provide high thrust lifting capability and was equipped with other specialized equipment to address the unique technical complexities of the operation.

Previously, the Army used divers to clear underwater munitions. The use of an ROV to perform this work was the first of its kind and was a combined effort of ARA Inc. and Oceaneering International Inc. working for the U.S. Army, as well as with the National Oceanic and Atmospheric Administration and the University of Hawaii's Department of Oceanography.

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