AUV A9-M Demonstration for Mine Countermeasures

In early April 2016 ECA Group demonstrated its A9-M, a portable AUV dedicated to mine warfare. During the demonstration the AUV A9-M carried out various detection, classification and localisation tasks in order to find dummy mines laid by the customer at unknown positions. After having successfully found the mines, the team from ECA Group reported the full seafloor mapping results using Triton Imaging MCM Suite for Sea Mapping and Target Management.

By providing high quality of seabed imagery and accurate position of the mines, A9-M has shown that it combines a compact light AUV, having a high level of navigation accuracy and platform stability, very low magnetic / acoustical signatures and an endurance of more than 10 hours. Thanks to its software suite, covering the different operational tasks from the mission preparation till the post-mission analysis, A9-M offers a solution to answer the most demanding mine warfare operations.

Sensor Payload

Specially designed for the French clearance divers, A9-M has been operated within various navies since 2012. Combined with the SEASCAN Mk2 for target inspection and K-STER C for mine neutralisation, A9 is part of mine warfare robotic solutions designed by ECA Group. This system is proposed with a complete mine countermeasure software suite for mission management, sensor data processing as well as MCM data base administration.

https://www.hydro-international.com/content/news/auv-a9-m-demonstration-for-mine-counter-measures