Norwegian Navy Selects Triton Imaging Software to Process HUGIN 1000 Data

Triton Imaging, Inc. announced that the Royal Norwegian Navy (RNoN) has purchased its Fusion-Office software to perform post-mission processing of multi-beam and side-scan data from the HUGIN 1000 autonomous underwater vehicle (AUV). Triton's software is in operation on-board the Oksoy Class mine warfare vessel, KNM *Karmoy*. The *Karmoy* is currently performing EOD missions in the Baltic Sea as part of NATO's immediate reaction force MCMFORNORTH.

Triton will develop the HUGIN Mine Reconnaissance System (MRS), on the Oksoy minehunters. The system includes the HUGIN 1000 AUV, developed by the Norwegian Defence Research Establishment (FFI) and Kongsberg Maritime, coupled with the Triton post-processing software. The HUGIN can carry payload sensors including Synthetic Aperture Sonar (SAS) or side-scan sonar, multi-beam echo sounder, sub-bottom profiler, Conductivity, Temperature and Depth (CTD) sensor and volume search sonar. With Triton's software the large volume of multi-sensor data collected in a typical HUGIN mission can be quickly and efficiently processed in support of mine hunting and Rapid Environmental Assessment (REA) operations.

For AUV-based mine countermeasure applications, the Triton Fusion-Office software offers the processing capabilities of a large suite of Commercial-Off-The-Shelf (COTS) software, including: Isis Sonar for replay of side-scan and SAS imagery, TargetPro for target acquisition and analysis, BathyPro for processing of multi-beam and interferometric data, SeaClass for seabed classification, and Triton Map for data fusion, display, and interpretation in a map-based, GIS environment.