Advanced Acoustic Concepts, LLC (AAC) Synthetic Aperture Mine Detection Imaging Sonar (SAMDIS) provides an unmatched Synthetic Aperture Sonar (SAS) capability in a solution scalable to any Tow-body, UUV, LDUUV, or XLUUV. SAMDIS is a 4th generation SAS offering multi-aspect processing of ultra high resolution SAS imagery, enabling single sweep detection and classification. SAMDIS outstanding performance provides Automatic Target Recognition (ATR) that eliminates Post Mission Analysis (PMA) and supports Autonomous Mission Execution.

SAMDIS, integrated with Volume Search Sonar (VSS), is the ideal solution for Mine Warfare (MIW) on a UUV or on AAC’s actively stabilized tow-body (T-SAM) behind a USV.

XLUUV & LDUUV with an organic SAMDIS could perform bathymetric navigation while conducting other missions, such as Intelligence Preparation of the Environment (IPOE) or MIW.

WORLD CLASS UNDERSEA WARFARE SOLUTIONS FOR TOMORROW’S NAVY
U.S. Engineering, Production, and Sustainment
- Proven Best of Class Technology
- Partnership and Power of Two Leading Global Defense Technology Companies
- Family of Variable Depth Sonars
- Power and Size Solutions for Any Application
- Proven Performance in Littorals and Blue Water

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