SAMS

OUTFITTINGAUTONOMOUS SUFACE VEHICLES (ASV) FOR RECONNAISSANCE, INTERDICTION, AND THREAT MONITORING

SimIS
Modeling the Future. Securing the Enterprise.®

OVERVIEW

SAMS will augment ASV platforms to deliver enhanced steady-state and surge capability to help deter the enemy at the regional, transnational, and global levels. The ASVs are highly automated and reduce communication/data exchange requirements and operator loading. They can deploy and retrieve devices, gather, transmit, or act on all types of information, and engage targets with minimal risk or burden to US and Coalition Forces. SAMS enabled vessels can be used to secure and patrol ports and borders.

SAMS provides:

- **Temperature monitoring for each battery, motor, and servo**
- **Monitoring of each motor's exact output,**
- **and the servo's rotational position**
- **Object detection from both LIDAR and Camera systems, as well as object data**
- **composited from the two**
- **Up to date positional data based on the GPS, including object location in relation to the vessel.**

SUPPORTED MISSIONS

- Mine Countermeasures (MCM)
- Anti-Submarine Warfare (ASW)
- Maritime Security (MS)
- Surface Warfare (SUW)
- Special Operations Force (SOF)
- Maritime Interdiction Operations (MIO) Support
- Humanitarian Assistance/Disaster Relief (HA/DR)

CONTACT

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