



## ABOUT US

The world leader in unmanned aerial systems.

We invent and pioneer modern solutions for military, security, governance, environmental operations and more.

We support our customers with the greatest medium-altitude and small unmanned aircraft systems, and cutting-edge mission payload and exploitation technologies.

## OUR MISSION

Provide persistent, versatile, affordable airborne surveillance and effects, and turn surveillance data into actionable intelligence.

# ANTI-SUBMARINE WARFARE SYSTEM

## INTEGRATED SONOBUOY DISPENSING AND MONITORING

The Anti-Submarine Warfare (ASW) System combines GA-ASI's Sonobuoy Dispensing System (SDS) pod with our state-of-the-art Sonobuoy Monitoring and Control System (SMCS), enabling a first-of-its-kind ASW capability on an unmanned aircraft. When coupled with MQ-9B SeaGuardian's® proven multi-domain sensors, the aircraft provides seamless coverage of the complete maritime environment, from the air to the surface, and now to the depths of the ocean.

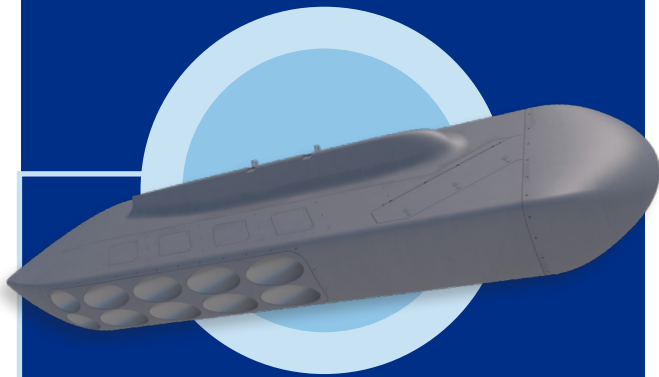
## FEATURES

Each SDS pod can carry and dispense up to 10 A-size sonobuoys or up to 20 G-size sonobuoys

SMCS receives and processes acoustic signatures transmitted by sonobuoys

Acoustic processing software generates target tracks, calculating speed, course, and depth on an integrated intelligence station

MQ-9B leverages tactical data links for acoustic data dissemination



## CHARACTERISTICS

### SDS Pod Dimensions

156" x 42" x 30"  
(396.2 cm x 106.7 cm x 76.2 cm)

### Weight

290 lb (132 kg)  
Sonobuoy capacity: Up to 750 lb (340 kg)



### CONTACT US

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SCAN TO LEARN MORE

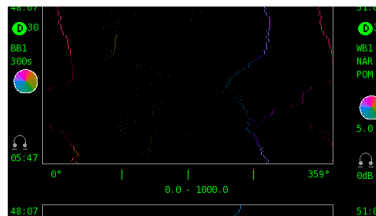
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## INTEGRATED SONOBUOY DISPENSING AND MONITORING

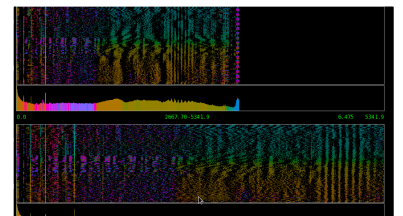


SeaGuardian with the GA-ASI ASW System enables persistent submarine tracking while simultaneously maintaining maritime battlespace awareness. SDS pods and SMCS empower naval forces operating SeaGuardian to continuously guard crucial waterways, shipping lanes, chokepoints, and allied forces against the ever-increasing threat of submarines—all with a significant reduction in personnel and equipment, and at greatly reduced cost and risk compared to manned alternatives.

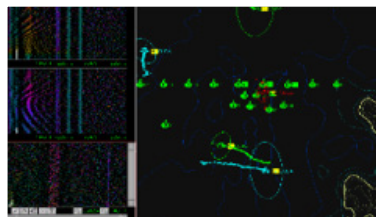
### Detect



### Classify



### Localize



### Track



Operator Views of Sensor Feeds