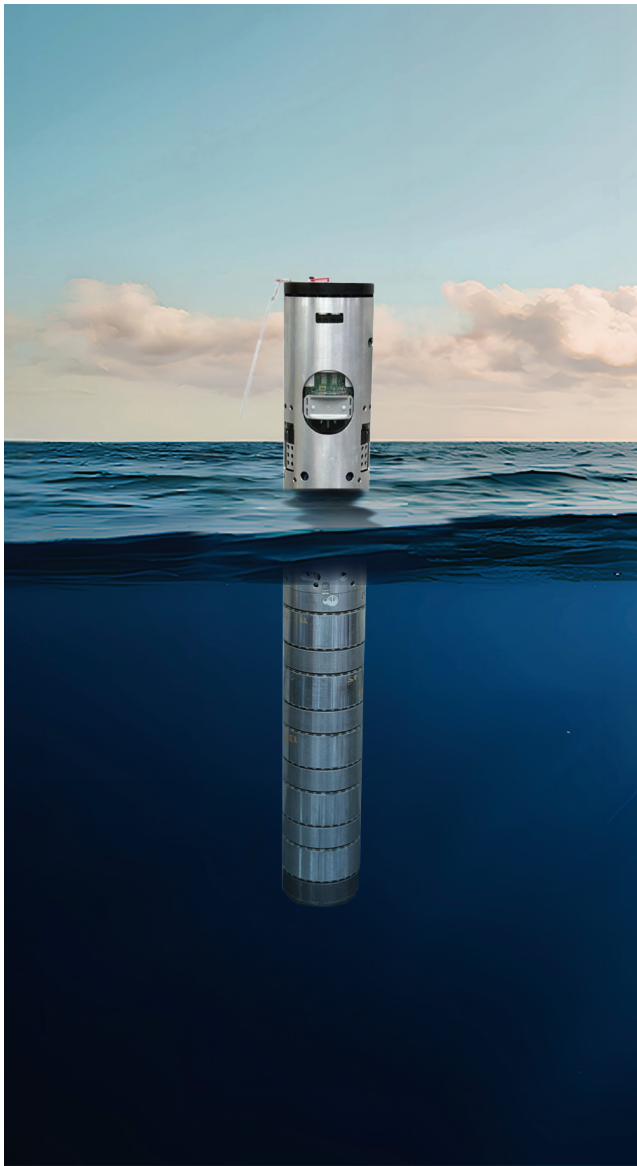




01

Active Directional

The AN/SSQ-62G a NATO A-size sonobuoy tested to meet US Government approved specifications and manufactured to the highest standards for the U.S. Navy and international customers. This digital, multi-functional buoy design provides highly accurate range and maintains the traditional analog telemetry data for use with current platforms that utilize previous generation buoys.

This sonobuoy features both Electronic Function Select (EFS) for use prior to loading and launching and Command Function Select (CFS) to allow the operator to modify the sonobuoy's modes of operation after it has been deployed in the water.

Why Twenty-Six Defense Maritime

Twenty-Six Defense Maritime, a Twenty-Six Defense company, is a world leader in the design, development, testing and production of complex electromechanical systems and sensors, including Sparton sonobuoys. The company delivers a variety of sensing and advanced analytics capabilities that enable our nation to dominate the maritime domain.

02

Key Features

- 15-460 meters (50 to 1500 ft)
- 97-channel RF Transmitter
- GPS Capable (Provides location reporting)

03

Enhanced Features

- Clear Audio (improved acoustic fidelity)
- Improved RF performance with Spur Free High Dynamic Range, Carrier Deviation Fidelity and Spectral Power Control
- Improved Beam Patterns (reduced end-fire)
- Improved directional accuracy
- Improved range
- Faster decent time
- Acoustic Power Amplifier amplitude waveform control providing extended life and eliminates doppler artifacts at the source.
- Multiple launch options: fixed-wing, rotary-wing aircraft and surface vessels
- EFS (Electronic Function Select) Configurable
- CFS (Command Function Select) Commandable - RF channel, additional depths, sonic frequency, GPS, scuttle, etc.



AN/SSQ-62G DICASS
NSN 5845-01-718-6698

04

Physical Characteristics

Weight	17.46 kg (38.5 lbs)
Sonobuoy Launch Container	LAU-126/A

Performance Data

RF Command Receiver	UHF – Single Channel
RF Transmitter Power Output	1 W minimum
Operating Life	4 hour minimum/greater than 100 ping/seconds
Operating Depth	15-460 meters (50-1500 ft)
Transducer Array	Piezoelectric Ceramic Omni directional Transmit/Directional Receive
Shelf Life	5 years in sealed container
Selections (Depth and RF Channel)	Electronic Function Select
Selections (Depth, Acoustic Channel, GPS, RF Channel)	Command Function Select