

# AS-900A

- Satellite tracking and alerting system
- Submersible to 7,300m for 1 year
- ARGOS-II band (S1-S23, L1-L3)
- Transmits up to 30 days



TRACKING & MONITORING

NOVATECH products have been proven throughout the world's oceans and trusted around the globe for over 40 years.

The NOVATECH AS-900A ARGOS Beacon contains an ARGOS system transmitter designed as a ruggedized incident alerting system for oceanographic applications anywhere in the world.

AS-900A, designed for long duration deployments, is suitable for operation at depths of 7,300m (24,000 feet). The AS-900A is activated by a pressure switch which enables the unit to automatically power OFF below 10m and activate upon surfacing.

At the surface the beacon transmits an ARGOS position data message for 30 days.



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## TECHNICAL SPECIFICATIONS

### PHYSICAL

- Diameter: 1.7" (43 mm)
- Height: 18.5" (470 mm), exclusive of antenna
- Mass in water (with batteries): 1.02 kg (2.28 lb)
- Mass in air (with batteries): 1.7 kg (3.8 lb)

### CONSTRUCTION

- Hull Material: Hard anodized aluminum
- Antenna Cap Material: Brass core with molded neoprene rubber on exterior surface

### POWER

- On/Off Control: Pressure-activated switch turns beacon on at surface and off at depths below approx. 33' (10 m),
- Batteries: 4 "C" cell alkaline
- Battery Life: 30 days

### TRANSMITTER

- Output: 1 watt
- Harmonics: -40db minimum
- Frequency: ARGOS-II band (S1-S23, L1-L3), 401.6300–401.6800 MHz
- Antenna: Field replaceable ¼ wave whip, zinc anode protected (AN-903), field replaceable flexible ARGOS antenna (AN-904)

### OPERATIONAL

- Operating Temperatures: -40° to +60°C (-40° to +140°F)
- Ocean Depth Rating: Approx. 7,300 m (24,000 ft)

