

# 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 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.



**metOcean**<sup>™</sup>  
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# AS-900A

## TECHNICAL SPECIFICATIONS

### PHYSICAL

Diameter	1.7" (43 mm)
Height	18.5" (470 mm)* *exclusive of antenna
Mass in water	1.02 kg (2.28 lb)
Mass in air	1.7 kg (3.8 lb)

### CONSTRUCTION

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

### POWER

On/Off Control	Pressure-activated switch turns beacon on at urface 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-904), flexible ARGOS antenna (AN-904)

### OPERATIONAL ELEMENTS

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

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