

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.



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telematics

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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)