

AS-900A

SATELLITE TRACKING AND ALERTING SYSTEM

Submersible to 7,300m for one year

ARGOS-II band (S1-S23, L1-L3)

Transmits up to 30 days



NOVATECH - PROVEN THROUGHOUT THE OCEANS

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

It may be submerged for long periods in ocean depths to 7300 meters (24,000 feet). The activation of the AS-900A is completely automatic, when submerged below 10 meters it is OFF and at the surface it is ON.

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

MetOcean

21 Thornhill Drive

Dartmouth, Nova Scotia B3B 1R9

CANADA

Tel: +1 902 468-2505

Fax: +1 902 468-4442

www.metocean.com

novatech@metocean.com

AS-900A

SATELLITE TRACKING AND ALERTING SYSTEM

Features

Self-contained, submersible ARGOS beacon

- Submersible to 7,300m for one year
- Transmits up to 30 days
- ARGOS-II band (S1-S23, L1-L3)
- Pressure-activated on/off switch with manual override

Features

Physical

Size (pressure case)	18.5 x 1.7" (47 x 4.3 cm)
Weight (with batteries)	In water 2.1 lb. (.95 kg) In air 3.6 lb. (1.6 kg)

Exterior Construction:	
Case	Hard anodized aluminum
Antenna Cap	Brass core with molded neoprene rubber on exterior surface

Power

On/Off Control	Pressure-activated switch turns flasher on at surface, off at depths below approx. 33' (10 m). Manual override by rotating knob.
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

Environmental Elements

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



Data collection and communication experts

21 Thornhill Drive - Dartmouth, Nova Scotia B3B 1R9 - CANADA / Tel : +1 902 468 2505 / Fax : +1 902 468 4442
www.metocean.com / novatech@metocean.com