

ASB ARGOS SURFACE BEACON



Features:

- Delrin housing
- Up to 6 months mooring life
- Up to 6 months transmission life
- Powered by 5 or 10 D-type Lithium batteries respectively
- CEIS UHF 88 platform terminal transmitter
- Water proof up to 10 metres
- Internal antenna

The **Argos Surface Beacon** is a watertight, battery powered Argos transmitter. Applications are the monitoring of moored buoys and location of floating objects.

Together with the services of CLS Argos, a world-wide monitoring of the ASB is possible. A special service allows the watching of the drift circle of a moored buoy. An alarm is generated if the buoy goes adrift. A warning that the watch circle is left will be sent to the user by facsimile. A warning is also generated if no signal is received from the beacon.

ARGOS SURFACE BEACON ASB

HOW ASB WORKS

After insertion of the batteries the ASB begins to transmit. Special Argos services can be used to locate floating objects or watch the position of moored surface buoys.

UNIT DESCRIPTION

The ASB consists of a Delrin tube closed by end caps. Inside the housing is a battery holder for two bundles of 5 batteries each in series, the PTT and the antenna. The batteries power the transmitter (PTT). Instruments with the X-Option have got a switch mode power supply for using a wider range of battery types. The ASB starts transmission after insertion of the batteries.

A RELIABLE SYSTEM

Argos is two satellites in orbit, two processing centres offering full redundancy, 2500 beacons located every day, megabytes of data processed around the clock. And Argos has been fully operational for twenty years.

WORLDWIDE OPERATION

The Argos satellites cover the entire surface of the earth, the system having capabilities to locate platforms to within 350 m. Ideal for active monitoring of equipment moored close to the coast or offshore.

MBM SERVICE

Each time a satellite passes over your buoy (more than ten times a day at midlatitudes), the Argos processing centre locates it. As long as it stays in its watch circle, CLS Service Argos generally sends you one position a day. If it leaves its circle, you are immediately warned by facsimile. Each new position is then sent to you, or made available by E-mail at the processing centre. The same information is also sent to any two other organisations you wish.

QUICK PAYOFF

By saving hours of sea search time, the Argos moored buoy monitoring system will pay for itself the first time the buoy drags.

Specification:

Water proof	10 m	Power supply (without option X)	5 or 10 pcs.
Dimensions (l x d)	711 x 100 mm		Lithium D cells resp.
Mass without batteries	6.7 kg	Mooring life	up to 6 months
Displacement	5.6 dm ³	Transmission life	3 or 6 months resp.

Options:

Option X switch mode power supply for extended battery range from NC batteries via Alkaline to Lithium batteries. The X-option may be installed in all systems retrospectively.

SiS reserves the right to change specifications without prior notice



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