ARGOS BEACON
The watchdog of your marine equipment
Oceanographic buoys are often moored close to the shore where they withstand a harsh environment due to wind, current, wave action and maritime traffic. Risk of mooring line break is quite important (and may lead to loss or damage of equipments with their stored data).

BABS has been designed to retrieve a buoy in case of such problems. When BABS is ON, it transmits signal to ARGOS satellites and is located thanks to CLS ARGOS services.

Whenever the moored buoy gets outside a predefined circle (watch circle + location accuracy), owner is warned. He can then go to sea to retrieve the drifting buoy and to recover underwater part of the mooring line.

**FEATURES**

- Easy to install on any type of surface buoy
- Faster recovery of buoys
- CLS Argos service

**TRANSMITTER**

Certified ARGOS transmitter
Transmission periodicity: 110 s

**POWER SUPPLY**

Alkaline batteries, D cells (12 VDC, Nominal capacity: 54 Ah)
12 month autonomy

**DIMENSIONS**

Diameter: 90mm
Length: 860mm
Weight: 6.5kg
BASM is designed for monitoring any underwater equipment that may surface (such as moored oceanographic instrument, seabed sensor structure, drifting subsurface buoy, AUV, ROV...).

Thanks to a pressure switch, BASM begins to transmit through the ARGOS satellites as soon as it surfaces. Then, identification and location of the equipment are rapidly performed and the owner is automatically warned via CLS-ARGOS services. BASM operates in water depth to 6000m.

**FEATURES**
- Quick retrieval of surface drifting equipment
- Time saving in searching at sea reducing operation downtime
- Two models for different water depth applications
- Bonus on insurance premium

**TRANSMITTER**
Certified ARGOS transmitter
Transmission periodicity: 90 s

**POWER SUPPLY**
3 lithium batteries, D size
5 year underwater autonomy, 3 months when transmitting

<table>
<thead>
<tr>
<th>MODEL</th>
<th>800</th>
<th>6000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>Plastic</td>
<td>Titanium</td>
</tr>
<tr>
<td>Rated depth (m)</td>
<td>800</td>
<td>6000</td>
</tr>
<tr>
<td>Weight in air (kg)</td>
<td>2.7</td>
<td>5.5</td>
</tr>
<tr>
<td>Weight in water (kg)</td>
<td>-0.5</td>
<td>3.4</td>
</tr>
<tr>
<td>Diameter (mm)</td>
<td>100</td>
<td>70</td>
</tr>
<tr>
<td>Length (mm)</td>
<td>400</td>
<td>770</td>
</tr>
</tbody>
</table>
ARGOS BEACON
The watchdog of your marine equipment

Sercel - France
16 rue de Bel Air
B.P. 30439 - 44474 CARQUEFOU Cedex
Téléphone: (33) 2 40 30 11 81
E-mail: sales.nantes@sercel.com
SAS au capital de 25 000 000 €
Siège Social: 16 rue de Bel Air - 44470 CARQUEFOU
378.040.497 R.C.S. Nantes Code APE 2651B

Sercel Inc. - U.S.A.
17200 Park Row
Houston, Texas 77084
Telephone: (1) 281 492 6688
E-mail: sales.houston@sercel.com

www.sercel.com

© Sercel 01/22
Produced according to the Sercel environmental printing standard