

# Deep asset recovery just got easier

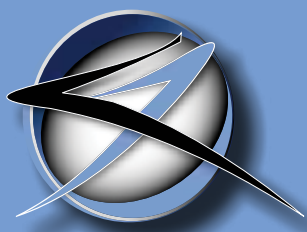
## SELF-CONTAINED SUBMERSIBLE VHF BEACON

The XMB-7500 is an independently powered, self-contained RF beacon that is fully submersible to 7,500m (24,606 ft). This beacon has been designed to protect your valuable assets and make their recovery even easier. From the all titanium enclosure, the available remote head, to the solid state surface sensor the XMB-7500 represents a huge step forward for submersible VHF beacons.

### Key Features

- **Miniaturized design in an all Titanium enclosure**
- **User settable transmit frequencies**
- **Available remote head on 6' tether**
- **Solid state surface sensor**
- **Low power consumption for extended deployments**
- **Detectable from 12 kilometers**

The XMB-7500 is designed to meet or exceed your operational requirements for an ultra deepwater submersible beacon. All Xeos products are fully backed by a comprehensive warranty and excellent support. To arrange a demo or to learn more about our products please contact us at the numbers below.



## **Xeos** *Technologies Inc* **Data Telemetry Specialists**

Xeos Technologies Inc.    Tel: 902.444.7650  
2 Bluewater Road        Fax: 902.444.7651  
Bedford, NS, Canada     sales@xeostech.com  
B4B 1G7                      www.xeostech.com



# XMB-7500

# XMB-7500



## TECHNICAL SPECIFICATIONS\*



The XMB-7500 is available with a remote head option, provide tremendous flexibility when installing. A flexible cable measuring 6' joins the remote beacon head to the main enclosure. The XMB-7500RH retains all the critical specifications of the original device including depth rating, power consumption and durability.

If you need extended installation capabilities then ask your Xeos representative today about the remote head option for the XMB-7500.

### XMB-7500 Specifications

#### Electrical

- Battery Supply:* • 7 x CR123A lithium batteries
- Operational Lifetime:* • 20 days under normal conditions
- ON/OFF Controls\*:* • Switch on board (for storage and shipping)
- Reed Switch for activating without opening the case.
- Solid State tilt switch- for upright activation and deactivation

#### RF Technology<sup>1</sup>

- RF Beacon Output* • 100 mW
- Output Signal* • 1 KHz Pulsed Tone
- Frequency Range* • 151 MHz - 161 MHz (switchable)
- Duty Cycle* • 13%, 2 sec transmission with a 4 sec pulse
- Harmonics* • -40db

<sup>1</sup>FCC/IC certification pending

#### Mechanical\*

- Dimensions:* • 38.2 cm L x 2.86 cm W (15.04" L x 1.12" W)
- Weight:* • 431g - in water
- 644g - out of water
- Material:* • All Titanium

#### Environmental

- Operating Temperature:* • - 40°C to + 60°C
- Depth Rating:* • Submersible to 24,606ft (7,500m)

\* Technical Specifications subject to change without notice.

#### Who are we?

Xeos is a leading technology firm created by visionary engineers with a passion for excellence. Xeos prides itself on a pioneer mentality, always striving to create superior technological solutions to tracking and telemetry problems. For more information on our COTS and custom developments please contact us at the numbers below.

Xeos Technologies Inc.  
2 Bluewater Road  
Bedford, NS, Canada  
B4B 1G7

Tel: 902.444.7650  
Fax: 902.444.7651  
sales@xeostech.com  
www.xeostech.com

**Xeos** Technologies Inc  
**Data Telemetry Specialists**

XMB-7500 rev 1.3 Mar 12/2010

