

# Moorings at 5000m? ...No Problem

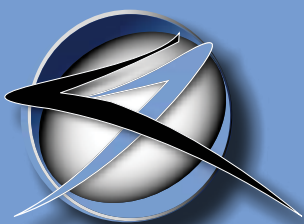
## SUBSURFACE SATELLITE MOORING BEACON

The **Sable 5000 Subsurface Iridium Satellite Mooring Location Beacon** continuously monitors for unplanned or accidental release of subsurface instrument moorings. Oceanographic and environmental instrument mooring professionals have greater control in instantly and accurately locating and recovering high value, free drifting assets at sea. When lost equipment just isn't an option, only the Sable 5000 will do.

### Key Features

- **Mooring Depth Rated to 5000 m**
- **Real-Time GPS notifications upon surfacing**
- **Bi-Directional Satellite Communication**
- **Titanium Pressure Case**
- **Proprietary Water Sense Circuit for Immediate Notification of Surfacing Event**
- **Proprietary X-fire Dual Band Iridium/GPS antenna**

The Sable 5000 is designed to meet or exceed your operational requirements for a subsurface mooring beacon. Fully backed by a comprehensive warranty and excellent support you can be confident this is a tool you'll come back to time and time again. To arrange a demonstration or to learn more about our products please contact us at the numbers below.



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

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# Sable 5000

## TECHNICAL SPECIFICATIONS\*



**Above:** All Xeos products undergo exhaustive real world testing to ensure in-field performance meets or exceeds your expectations.

Here is a Sable 5000 being pressure tested to destruction. For more information on test and quality control procedures please contact us at the numbers below.

### Who are we?

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

### Electrical

<i>Battery Supply:</i>	(18) Alkaline C Cells
<i>Voltage:</i>	+13.5 volts nominal
<i>Capacity:</i>	20 Ampere-Hours
<i>Lifetime:</i>	(3 Years) 2 years subsurface followed by 1 year of 2000 outbound/inbound surface messages

### Mechanical

<i>Dimensions:</i>	21.25" Long x 2.9" Diameter (544mm X 72mm)
<i>Weight:</i>	4.77 kg (air), 2.57 kg (water)
<i>Material:</i>	Titanium (Grade 2)
<i>Depth Rating:</i>	5000 Meters

### Environmental

<i>Operating Temp:</i>	- 30°C to + 60°C
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### Iridium Transceiver

<i>Type:</i>	9602
<i>Frequency:</i>	1616 to 1626.5 Mhz
<i>Antenna:</i>	Xeos X-Fire (patent pending) Dual Band Iridium/GPS - Titanium and Delrin

### GPS Receiver

<i>Type:</i>	20 Channel Sirf III Chipset , -159 dBm Sensitivity
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*\*Specifications subject to change without notice.*

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