

CABO

IRIDIUM BEACON

 **iridium**
Everywhere

Self-Contained, Submersible

Low Cost Telemetry Solution

Real-Time Data



The METOCEAN CABO Iridium beacon is a complimentary addition to our innovative oceanographic product group.

The CABO beacon is a rugged, self-contained Iridium beacon that is fully submersible to 2,000m (6,561 ft). The CABO beacon can be either independently powered (alkaline), or externally powered, depending on project requirements.

Equipped with Iridium satellite telemetry, the CABO beacon has been designed to monitor and protect your valuable assets and to provide cost effective data within real-time. Real-time data is not only vital when monitoring assets of great value, but it also enables the timely recovery of assets.



21 Thornhill Drive
Dartmouth, Nova Scotia B3B 1R9
CANADA

Tel: +1 902 468-2505

Fax: +1 902 468-4442

www.metocean.com

sales@metocean.com

Technical Specifications

Beacon Dimensions

Hull Diameter	3.50 inch
Overall Height	12.77 inch (Independently powered) 8.725 inch (Externally powered)
Mass 6000m (air)	6.69 lbs
Mass 6000m (water)	2.33 lbs

Beacon Construction

Hull Material (6000m)	Anodized Aluminum (6061, T6-6061)
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Electronics

Controller	MetOcean GPT II
Telemetry	Iridium 9602 SBD Modem
GPS	Navman Jupiter 32
Antenna	MetOcean Dual Band Iridium / GPS

Power Supply

Battery (Standard)	10X C Cell (MDS PI# 015865)
Chemistry	Alkaline
Lifespan	12 months standby with 2,000 messages

Operation

Air Temperature	-35C to 55C
Sea Temperature	-2C to 35C
Time Reference	UTC and Julian Hour
Transmission interval (submersed)	3 hours
Transmission interval (active)	15 minutes for 6 hours 12 hours for life (messages at 8:00 and 20:00 GMT)

Storage

Storage	-20C to 55C
Storage Life (Alkaline)	24 Months

Survival

Temperature	-40C (nonfunctional)
Sea State	6



Iridium data service provided by:

