

Acoustic Positioning Beacons



1300 Series (Micro)

A versatile product designed for diver safety, it is the go-to option for shallow water diving and ROV operations. With applied acoustics sigma protocols, the Micro beacon is ideal for shallow water survey operations.

How can the 1300 be used?

- General purpose tracking and positioning applications
- Diver tracking
- Static and dynamic operations e.g. ROV, and sidescan sonar



600 m
Survival Depth

Listening Life - 45 days min

Operational Life - 48-56 hours

Weight in air - 1-1.2 kg

Weight in water - 440-550 g



1100 Series (Mini)

Incorporates the next generation of applied acoustics' Sigma 2 acoustic protocols. Utilising bi-directional bandwidth spread spectrum provides precise range resolution and positional stability.

How can the 1100 be used?

- General purpose tracking
- Positioning applications
- Static and dynamic operations e.g. ROV, and sidescan sonar
- Navigation + Data for monitoring third party sensors



1,500-2,000 m
Survival Depth

Listening Life - 60 days

Operational Life - 35-55 hours

Weight in air - 2.9-3.1 kg

Weight in water - 1.4-1.5 kg



1130 Series (Midi)

Designed to be used with applied acoustic Nexus 2 & Pyxis positioning systems, utilising applied acoustics' proven Sigma 2 acoustic protocols.

How can the 1130 be used?

- General purpose tracking and positioning for deep water and long range applications
- Static and dynamic operations e.g. Deep water ROV, subsea cable burying applications



4,000 m
Survival Depth

Listening Life - 90 days

Operational Life - 24-50 hours

Weight in air - 6.9 kg

Weight in water - 3 kg



1160 Series (Fatboy)

Ideal for deep water operations, noisy and acoustically challenging environments, and applications requiring long operating ranges.

How can the 1160 be used?

- General purpose tracking and positioning applications in deeper water or challenging environments
- Static and dynamic operations e.g. Deep water ROV, subsea cable burying applications



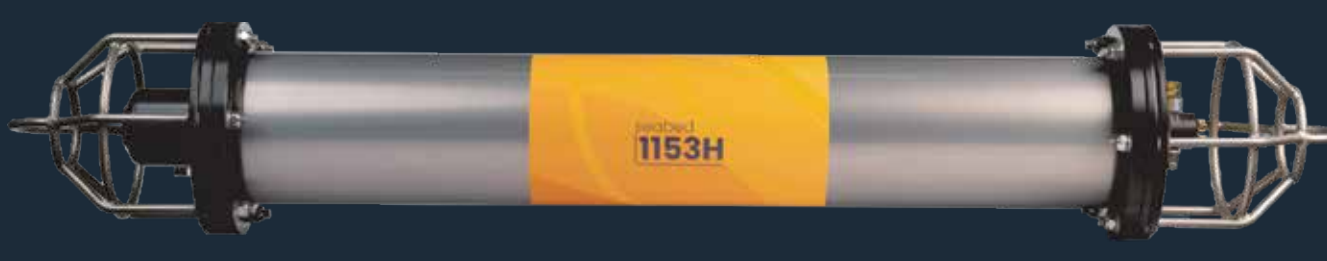
4,000 m
Survival Depth

Listening Life - 90 days

Operational Life - 24 hours

Weight in air - 14.8 kg

Weight in water - 6.6 kg



1150 Series (Seabed)

The 1150 Series have long life battery options that make them ideal for long-term reference points, USBL calibration beacons and dynamic positioning reference markers.

How can the 1150 be used?

- DP reference beacon requiring long term deployment
- General purpose tracking and positioning applications for deeper water applications or in an acoustically challenging environments



4,000 m
Survival Depth

Listening Life - 120 days

Operational Life - 100-400 hours

Weight in air - 22.8 kg

Weight in water - 11 kg

**Explore our
product range**



**where engineering
becomes opportunity.**