

Specifications

Model	BCN3161-S	BCN3161-SC	BCN3162	BCN3180
Operating Frequency	MF(18~30K)	MF(18~30K)	MF(18~30K)	HF(35~55K)
Operating Depth	500metres	500metres	500metres	500metres
Operating Range	3000metres	3000metres	3000metres	1000metres
Transmitting Sound Source Level	188±3dB	188±3dB	188±3dB	185±3dB
Battery Stand-by Time	1year		1year	1year
Continuous Transmitting Time	80,000 times		80,000 times	300,000 times
Battery	Disposable dry battery		Disposable dry battery	Disposable dry battery
Power Supply		24V(DC)		
Communication Interface		RS232		
Trigger Level		TTL(3.3V), rising edge		
Watertight Cable		2 metres		
Material	316	316	316	Plastic Aluminium alloy
Depth Testing Function	Optional	Optional	Optional	Optional
Dimension (diameter*length mm)	70×430	70×330	70×430	75×450
Weight in Air	4.2	3.5	4.2	2.5
Underwater Weight	2.6	2.4	2.6	0.8
Operating Mode	Responsive	Synchronous	Responsive	Responsive
Cooperating System	PS117	PS117	PS117/Ranger/HiPAP	PS113/Scout

The Acoustic Beacon is fitted to an target underwater being tracked. It receives and responds encoded signal from/to mother Vessel/Station then the target position can be calculated by mother Vessel/Station. Acoustic Beacon works with subsea acoustic positioning system (USBL, SBL and LBL system), is widely applied in oil & gas industry, oceanology study, defense and underwater engineering.

- Compatible with Sonardyne Ranger and Scout systems and Kongsberg HiPAP positioning system;
- Wholly owned technology;
- Multi-types, ready for bespoke design request;
- Quick and excellent customer services.

- Longitudinal replenishment at sea
- Offshore seismic project
- Underwater oil-gas pipelines laying
- Underwater cable laying
- Diver positioning
- Wreck salvage
- Underwater rescue

