星天海洋
STARTEST MARINE



LBL

LBL Positioning System

System Overview

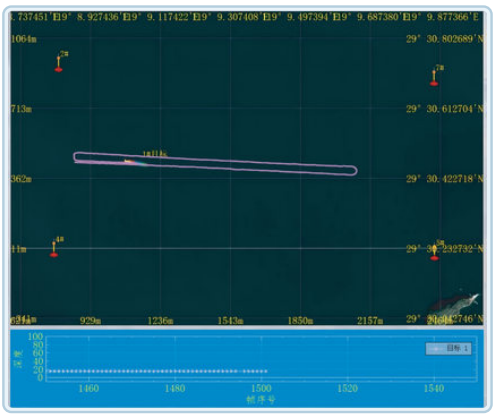
Long baseline (LBL) positioning systems for unmanned aerial vehicles,

Real-time positioning monitoring of seafloor nodes, underwater high-speed targets, etc.

And track.

The system is high-precision, large-scale, multi-targeted, mobile.

Such features as flexibility can be procured or leased on a full-scale basis.



[System Components]

Widget	Purpose
Data processing and visual control systems	The calibration interacts with the human machine.
Floats	Floating acoustic base, with Beidou/GPS positioning capability
Subscript	Submarine acoustic base, suitable for long-range positioning in deeper waters
beacons	We're on the location. We're sending a signal.

[Technical Specifications]

Indicators	Parameters	Indicators	Parameters
Maximum Working Depth	3000 m	Position Precision	Amy class
Maximum coverage	50 km2 (four buoys/subordinate) Cascading Support	Maximum number of target locations	Five.
Bathymetric Accuracy	1% H (H target depth range)	Distance precision	Centimetre
Positioning update rate	1 Hz	Working bands	10−35 kHz
Working mode	Sync/Step	Extension	Remotely controlled communications

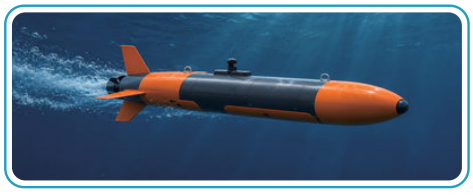
[Applications]



Submarine node positioning



ROV/AUV positioning



High-speed target position.

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