星天海洋
STARTEST MARINE



USBL

USBL Positioning System

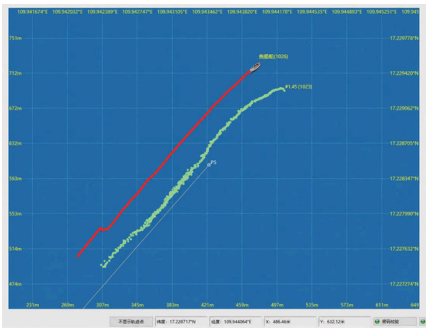
System Overview

Super-short baseline (USBL) positioning systems provide real-time positioning and tracking of underwater unmanned submersibles, seafloor nodes and divers, with high accuracy,

Multiple goals and flexible use can be accompanied by tracking.

Available for offshore oil exploration, marine engineering, underwater navigation vehicle operations

Safeguards, etc., may be procured or leased as a whole.





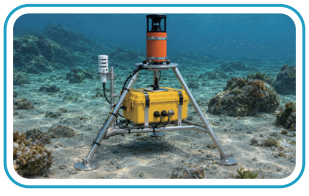
[System Components]

Widget	Purpose
Integrated Data Processing and Positioning Control System	The calibration interacts with the human machine.
Ship-mounted transceivers	Ship-mounted sound signals sent and received
Answerer	Sets the underwater response source on the target.
beacons	We're on the location. We're sending a signal.

[Technical Specifications]

Indicators	Parameters	Indicators	Parameters
Maximum working depth of target	3000 m	Position Precision	2-5 per thousand R (R slash)
Distance precision	Centimetre	Effect distance	1−5 km
Working bands	15−35 kHz	Track maximum number of targets simultaneously	Ten.
Maximum beacon speed of movement	10 kn	Positioning update rate	1 Hz

[Applications]



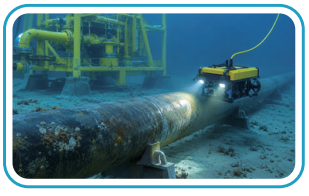
Submarine node positioning



ROV/AUV positioning



Submarine position.



Submarine piping

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