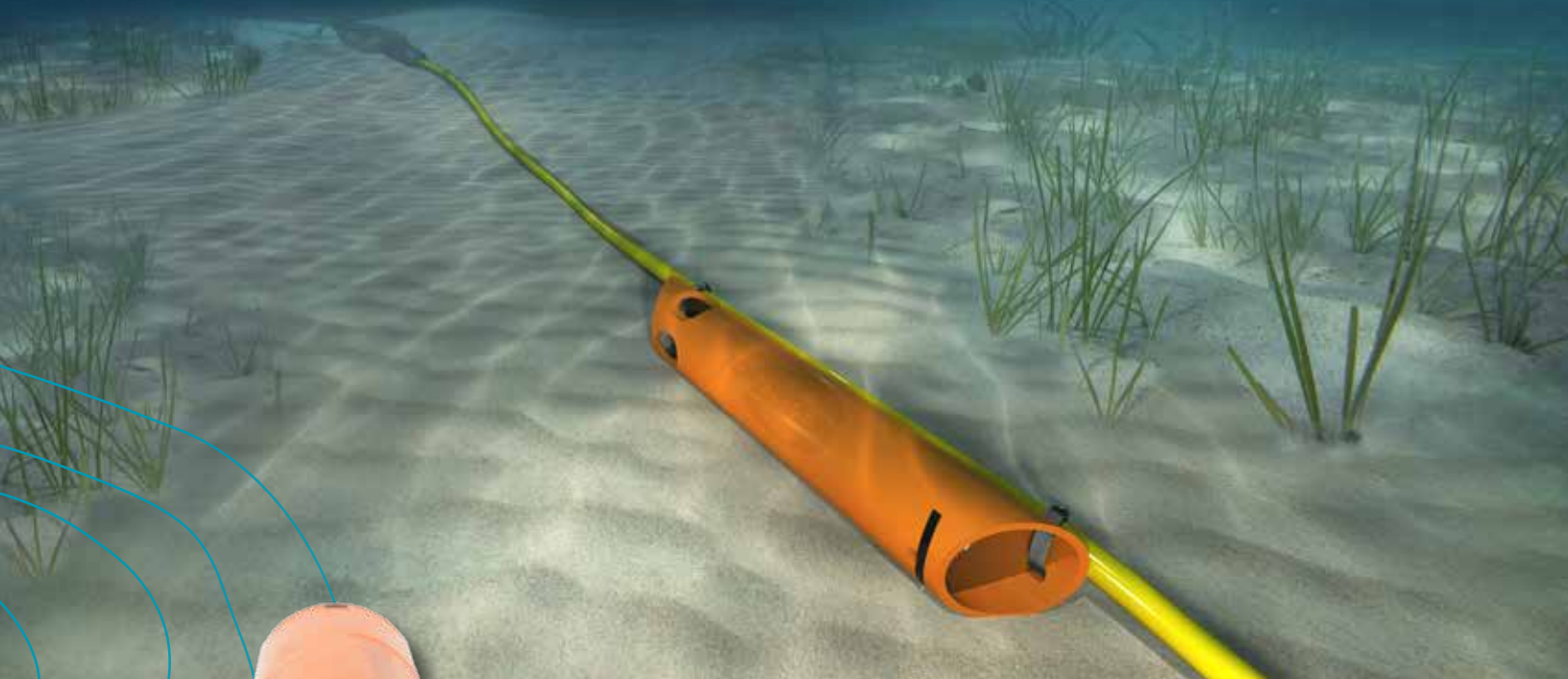


- LAND
- ↓ DOWNHOLE
- ☺ SEABED
- ≡ MARINE



# GeoTag

Seabed Positioning System



# Features & Benefits



## // FLEXIBLE OPERATIONS

Smallest transponder on the market  
Simplified battery replacement

## // RELIABLE PERFORMANCE

Sercel proven acoustic technology  
Accurate positioning : 0.2 m typical

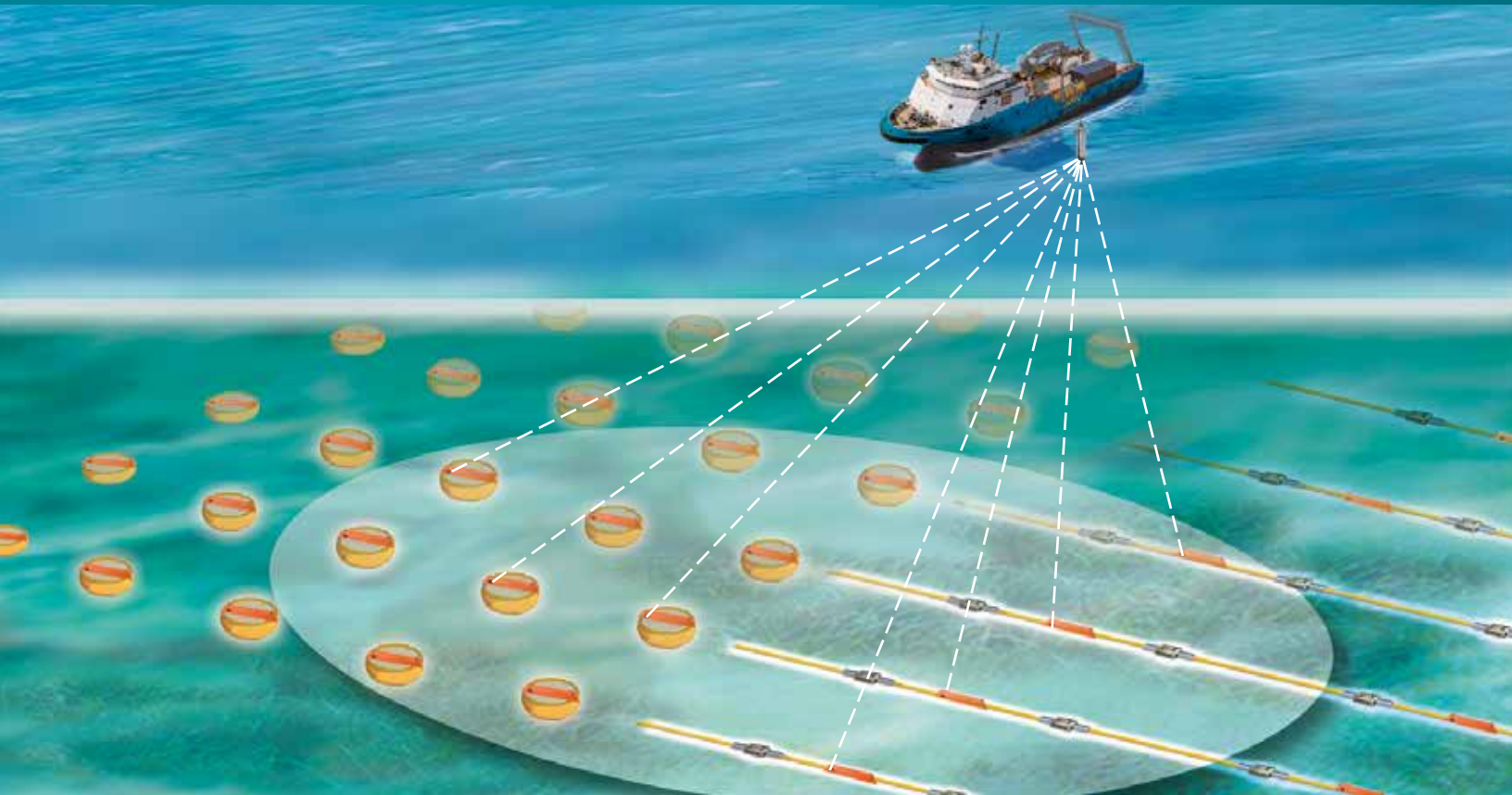
## // WIDE RANGE OF SURVEYS

OBC, TZ, and ocean bottom nodes  
Shallow and deep surveys : Down to 500 m  
Scalable from small to large crews (1 to 10,000 units)

GeoTag is the new acoustic positioning system from Sercel designed to work with any ocean bottom or transition zone seismic equipment down to 500 meters deep. GeoTag is the smallest acoustic transponder on the market, allowing flexible and cost effective operations due to its ability to be stored on a reel and deployed by mechanical squirter.

GeoTag benefits from Sercel's expertise in advanced acoustic technologies to provide a reliable state of the art turnkey solution for your acoustic positioning needs.

+ + + +  
+ +  
+ + + +  
+ + + + +  
+ + +  
+ + + +  
+



# Equipment

## // GeoTag

The small and lightweight GeoTag is an acoustic transponder enabling accurate positioning measurement of seismic receivers on the seabed by measuring ranges from the surface transceiver. Its specific design allows easy installation on any seismic cable or node.

- Operational down to 500 m
- Long battery life (6 month operation)
- Programming and testing by acoustic
- Up to 10,000 unique IDs



## // Transceiver

The GeoTag transceiver on the vessel interrogates the GeoTag transponders located on the seafloor. The GeoTag transceiver is connected to the navigation system through a junction box.

- Up to 10 simultaneous replies
- Connection to navigation system



## // PTE

The GeoTag Programming and Test Equipment is an autonomous device powered by a Li-Ion battery. It is used to program the addresses of the transponders before deployment. It can also be used to run quick QC tests for maintenance purposes. The connection to the transponder is via acoustic and the results can be downloaded to a PC for subsequent checks and maintenance tracking.

- Unique ID setting
- Battery check
- Acoustic telemetry test





# GeoTag

Seabed Positioning System

## **Sercel - France**

16 rue de Bel Air  
B.P. 30439 - 44474 CARQUEFOU Cedex  
Téléphone: (33) 2 40 30 11 81  
E-mail: [sales.nantes@sercel.com](mailto:sales.nantes@sercel.com)  
SAS au capital de 25 000 000 €  
Siège Social: 16 rue de Bel Air - 44470 CARQUEFOU  
378.040.497 R.C.S. Nantes Code APE 2651B

## **Sercel Inc. - U.S.A.**

17200 Park Row  
Houston, Texas 77084  
Telephone: (1) 281 492 6688  
E-mail: [sales.houston@sercel.com](mailto:sales.houston@sercel.com)

[www.sercel.com](http://www.sercel.com)

© Sercel 01/22

Produced according to the Sercel environmental printing standard

