



SERCEL

A Viridien Business



GeoTag

SEABED POSITIONING SYSTEM

FEATURES & BENEFITS

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.

FLEXIBLE OPERATIONS

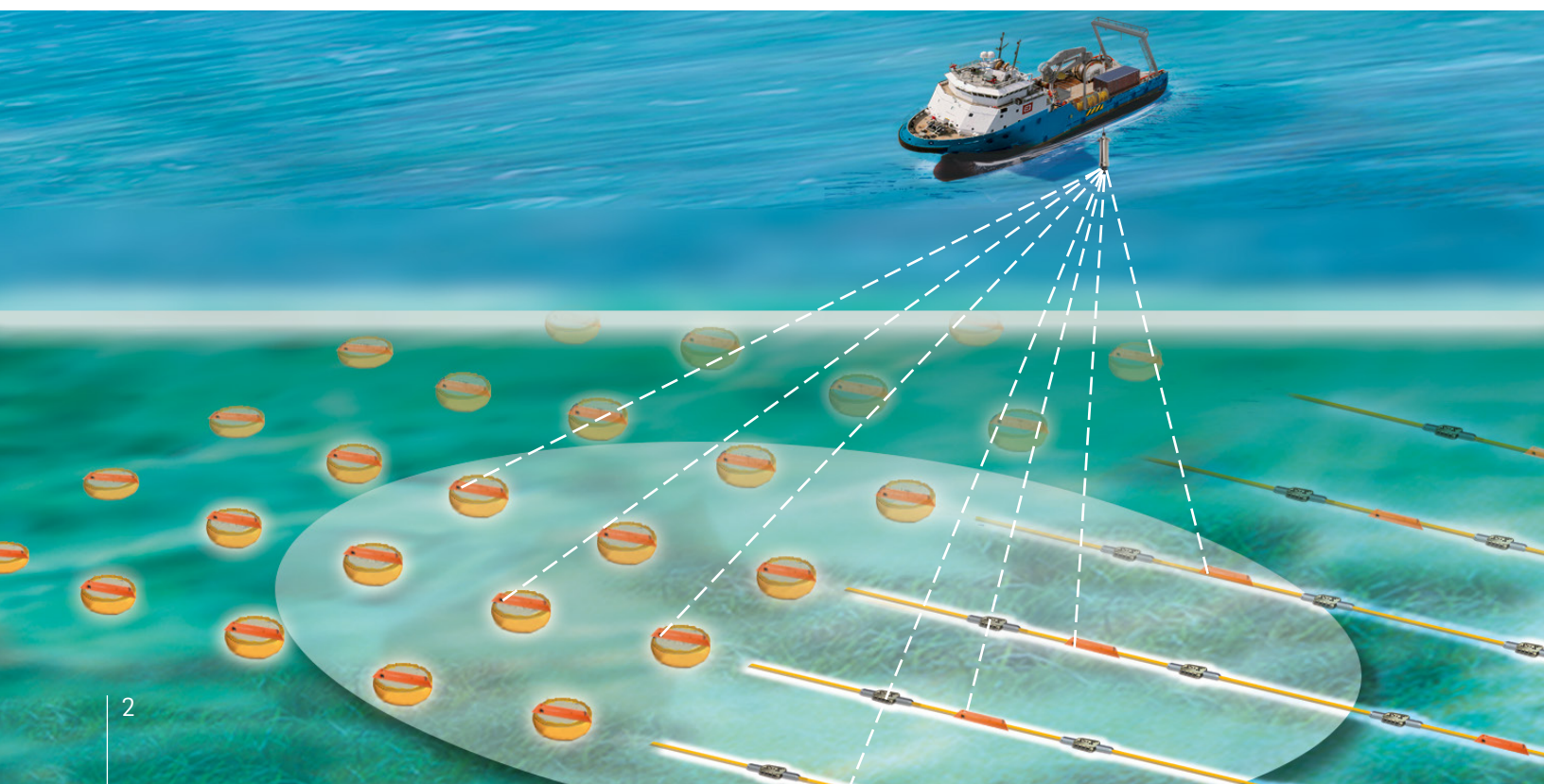
- Smallest transponder on the market
- Simplified battery replacement

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)

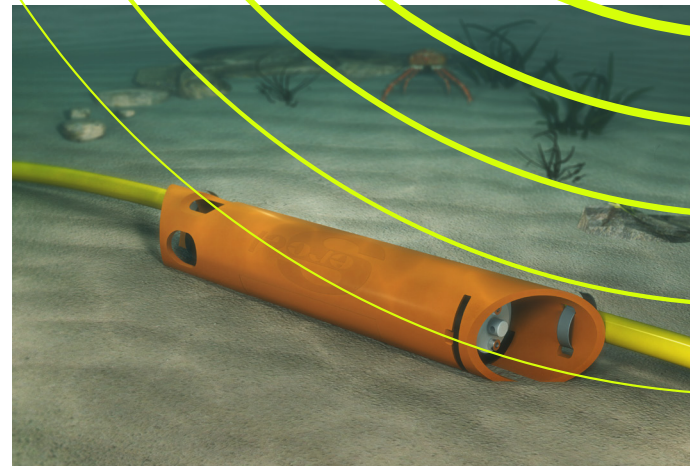


EQUIPMENT

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



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
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

www.sercel.com

© Sercel 06/24

Produced according to the Sercel environmental printing standard

