



SERCEL

A Viridien Business



MicrOBS

OCEAN BOTTOM SEISMOMETER



MicrOBS

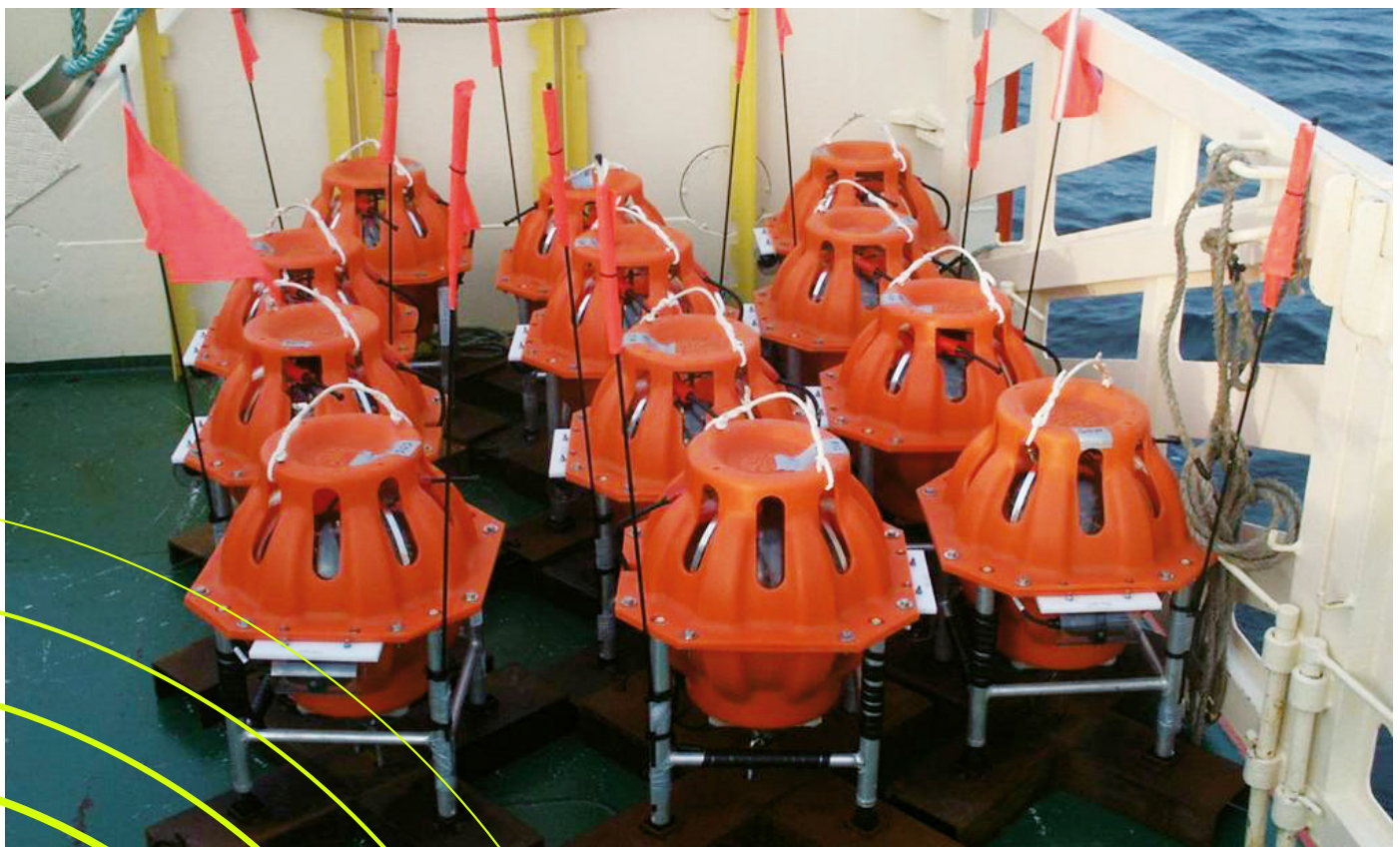
- **DEEPWATER CAPABILITY**
Down to 6000 m
- **EASE-OF-USE**
Light and compact design
- **MAINTENANCE FREE**
External connection for data retrieval and battery charge



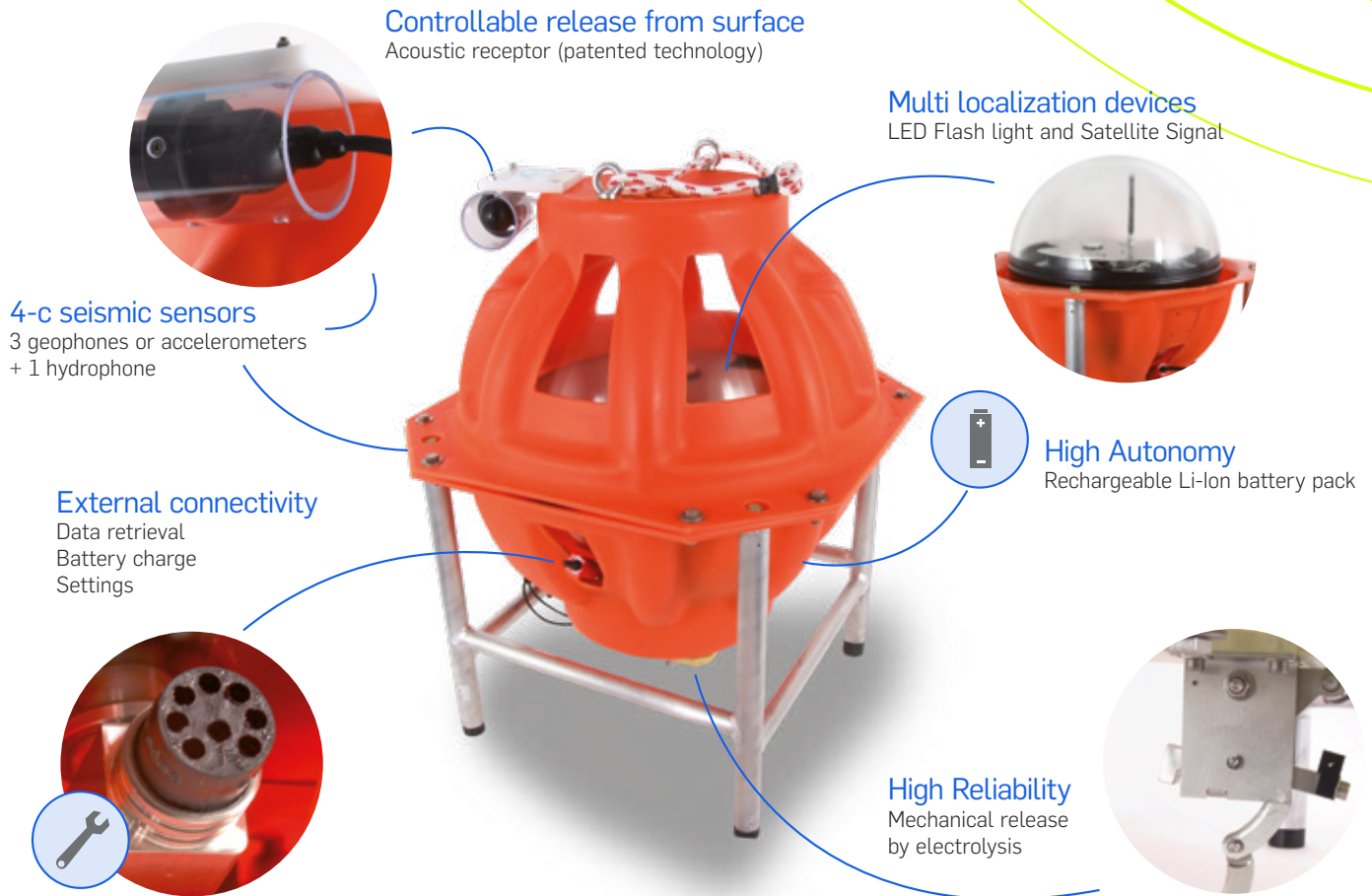
MicrOBS is a new generation of autonomous deep 4C Ocean Bottom Seismometer.

Operated from any vessel, MicrOBS dives by itself to reach the sea floor to begin the seismic acquisition. Integrating a combination of 3-C low distortion geophones or accelerometers plus an hydrophone, it will record P-S waves up to 180 days.

At any time, by sending a specific signal from the vessel, MicrObs will release its anchor to get up to the surface. Sending a satellite signal and activating a flash light, it will be retrieved easily to download its data.



FEATURES & BENEFITS

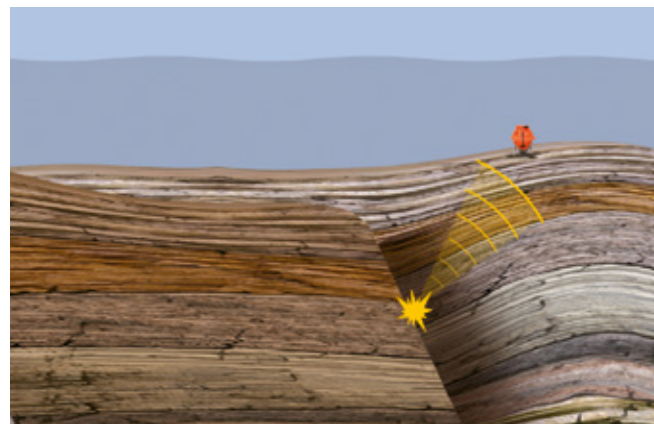
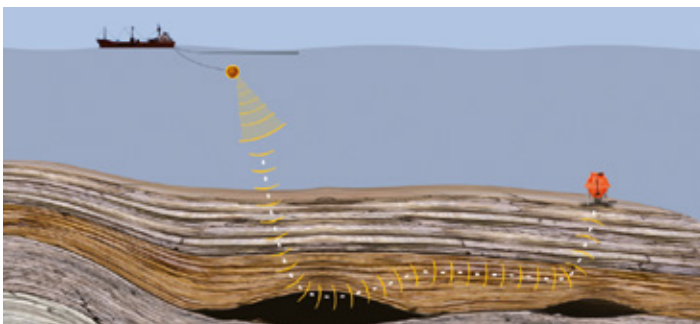


Deep refraction seismic

MicrOBS has been designed for deep water refraction seismic surveys. Using it in wide angle geometry provides excellent refractor arrivals from crustal discontinuities. With 4C multi-component recording, MicrOBS would allow accurate characterization of P & S velocities in deep crustal layers

Seismology

MicrOBS records and monitors earthquakes and natural seismicity to determine epicentre and associated mechanisms in active tectonic areas.



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

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