



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



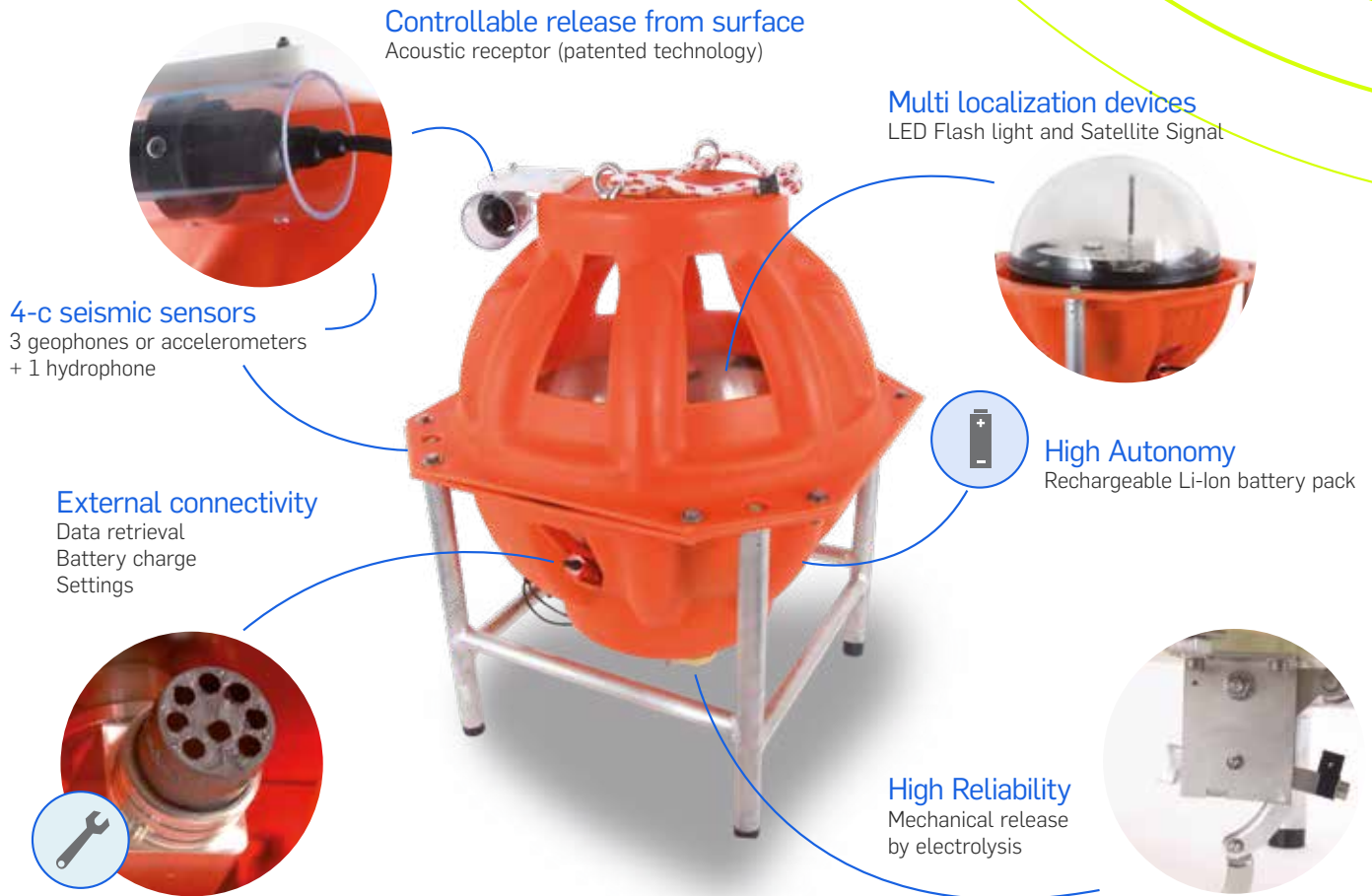
MicrOBS is a new generation of autonomous deep 4C Ocean Bottom Seismometer.

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

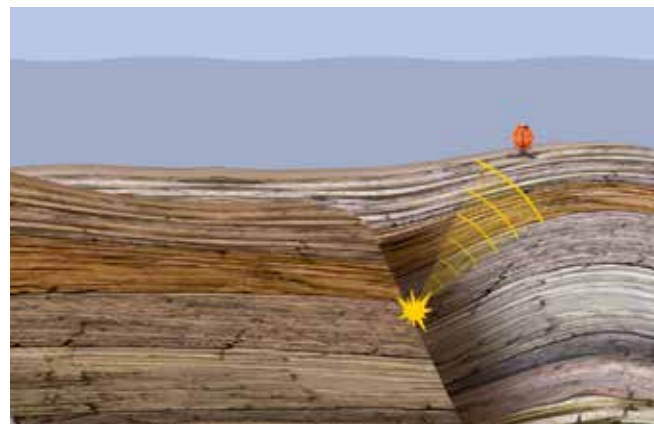
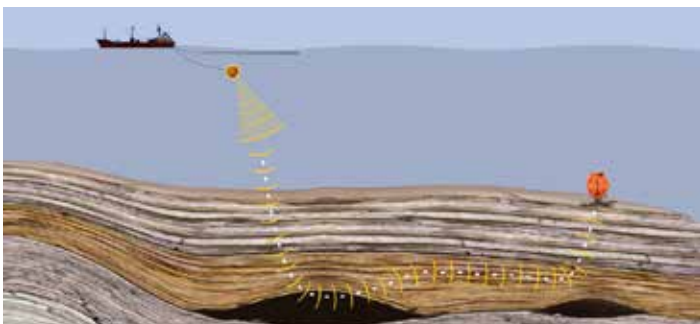


Deep refraction seismic

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.



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