



News Release

Nantes, France - March 16th, 2021

Sercel and Kappa Offshore Solutions jointly launch PIKSEL – a new high-resolution 3D marine seismic solution for renewable energy applications

Sercel and Kappa Offshore Solutions are pleased to announce PIKSEL, a compact marine seismic solution specially designed for acquiring the best seismic data for high-resolution 3D imaging of targeted offshore areas. Capitalizing on Sercel's Sentinel® streamer technology, widely recognized for its outstanding robustness and accurate measurement capabilities, and Kappa Offshore Solutions' expertise in equipment integration and hydrodynamic modeling, PIKSEL can acquire high- and ultra-high-precision seismic data using a new and highly efficient process, meeting the requirements of the market for high-resolution site surveys.

PIKSEL draws on the low noise performance of its Sentinel® streamer's hydrophone design as well as an optimized rigging and handling system that minimizes vibration. For enhanced broadband imaging, PIKSEL can also utilize Sercel's Sentinel MS 3-C multi-sensor streamer to ensure the most accurate and noise-free signal possible.

With its optimized hydrodynamic shape, towing speed has never been so high, making survey acquisition faster. PIKSEL can also be towed deeper than any other solution, allowing for data recording in rough seas and thereby reducing downtime.

For improved operational efficiency, the turnkey PIKSEL solution can be containerized to enable quick installation onboard a range of vessel types. PIKSEL is also compatible with QuietSea™, Sercel's Passive Acoustic Monitoring system, Nautilus®, Sercel's powerful streamer positioning solution, and SeaProNav Suite, Sercel's complete high-performance navigation platform.

Thibaut Choquer, Kappa Offshore Solutions CEO, said: "We are extremely proud to partner with Sercel in designing an industrial system for high-resolution and ultra-high-resolution seismic data acquisition at sea. This new system improves the efficiency of geohazard assessment surveys and paves the way for geophysical and geotechnical data integration, which is of particular interest for the development of offshore renewable energies."

Emmanuelle Dubu, Sercel CEO, said: "As a result of our partnership with Kappa Offshore Solutions, Sercel offers the best-in-class marine seismic acquisition solution with unprecedented performance to meet the rigorous requirements of all types of high-resolution marine seismic applications, including renewable energy infrastructure projects. The new PIKSEL solution makes it significantly easier to conduct continuous surveys even in poor weather conditions, thereby improving offshore productivity."

About Kappa Offshore Solutions

Kappa Offshore Solutions is a marine engineering company, specialized in offshore seismic data acquisition. Since its inception in 2012, Kappa Offshore Solutions delivered more than 130 projects in more than 30 countries, providing technical assistance services and seismic equipment for major clients in the Oil & Gas, Defense, Maritime and Oceanographic Research industries. More information about Kappa Offshore Solutions is available at www.kappaoffshoresolutions.com.



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About Sercel

Sercel designs and manufactures high-tech solutions for subsurface exploration. Capitalizing on its world-leading position in the seismic acquisition industry, Sercel also provides innovative solutions for structural monitoring, defense and underwater acoustics applications. Headquartered in Nantes (France), Sercel operates worldwide and employs more than 1,500 people. More information about Sercel is available at www.sercel.com.

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