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Sercel extends boundaries of well exploration with SigmaWave, its first DAS seismic solution

Sercel announced today the launch of its first distributed acoustic sensing (DAS) seismic solution: SigmaWave. Designed in partnership with Fotech Solutions, SigmaWave is the first integrated distributed acoustic solution designed exclusively for borehole seismic applications and reinforces Sercel's advanced range of downhole seismic acquisition systems.

SigmaWave is fully integrated with Sercel's existing downhole seismic tools and enables continuous, real-time seismic measurements along the entire length of a fiber optic cable. Whether by retrievable or permanent deployment, it is now possible to visualize and monitor the well in real time and instantly generate SEG-Y files. With unique features, such as user-selectable gauge length, acquiring the highest quality seismic data, without compromise, is now possible.

Seamless integration of Fotech's cutting-edge fiber optic monitoring technology into Sercel's market-leading seismic acquisition systems is a natural fit of best-in-class solutions and heralds a significant step-change in data quality and productivity levels.

Chris Shannon, Fotech Solutions CEO, said: "SigmaWave represents the best of two industry leaders and demonstrates how, together, we continue to push the boundaries of innovation in upstream applications – with the opportunity to enable the best of DAS technology for the seismic industry."

Pascal Rouiller, Sercel CEO, said: "Our launch of the SigmaWave integrated DAS solution offers the borehole industry a complete seismic acquisition system that is robust and provides accurate data in a ready-to-use format, for a wide range of applications and at an accessible cost. It will enable our clients to improve the description of their reservoirs to enhance recovery."

About Sercel

Sercel is the world's leading designer and manufacturer of innovative seismic equipment and reservoir monitoring instruments. Sercel provides oil field service companies and geophysical contractors with the widest range of leading-edge technologies for exploration in land, marine, ocean bottom, transition zone and reservoir environments. Employing more than 1,500 people worldwide, Sercel's main sales offices are located in Houston (USA) and Nantes (France). More information about Sercel is available at www.sercel.com.

About Fotech Solutions

Headquartered in the UK, Fotech Solutions develops Distributed Acoustic Sensor (DAS) solutions for the oil & gas, pipeline, security and smart city markets. Combining talent from the energy sector with leading-edge industrial photonics and technology expertise, Fotech generates unrivalled sensory data that solves business-critical challenges. Fotech's unique DAS technology and services are changing expectations, optimising traditional processes and creating new opportunities in a range of industries. More information about Fotech is available at www.fotech.com.

Contacts:

Sercel Media Relations: Europe

Benedicte Vasse

Tel: + 33 2 40 30 11 81

E-Mail: Benedicte.VASSE@sercel.com

Sercel Media Relations: Americas

Sandra Parker

Tel: + 1 281 647 7120

E-Mail: Sandra.PARKER@sercel.com