



*Nantes, France – May 05, 2021*

### **Sercel Enter into Exclusive Negotiations with LISS - Low Impact Seismic Sources**

Sercel and Low Impact Seismic Sources (LISS) have entered into exclusive negotiations for the acquisition of LISS by Sercel. In collaboration with Shell, LISS has developed the TPS (Tuned Pulse Source), an innovative marine seismic source with much enhanced low-frequency output.

The LISS TPS solution meets the industry need for low frequencies that allow deeper penetrations and more accurate quantitative interpretation and Full Waveform Inversion (FWI) results, especially in combination with long-offset data, all while further reducing environmental impact.

Sercel will continue to develop and commercialize the TPS worldwide. Shell will continue to provide its support with in-sea testing to be conducted this summer and will execute a first commercial survey using the LISS TPS source later this year.

Steve Chelminski, co-founder of LISS and inventor of the first marine seismic impulsive source in the 1960's, said: "I'm very pleased that Sercel, the equipment supplier to the seismic industry, is acquiring LISS. Sercel will provide the benefits of TPS and its successor technologies, representing a new era of seismic source technology, to all contractors and oil companies in the industry. It's the low-frequency source that brings not just the data required for real imaging and FWI improvement, but in addition the environmental benefits that will continue to advance the industry's ability to be excellent custodians of our environment".

Gerard van Drempt, Shell Global Category Manager Geophysics, said: "Shell is delighted to see that the solution that it has developed in collaboration with LISS will become market-ready for commercial acquisitions. We trust that the collaboration between Shell, LISS and Sercel will allow this innovative source to become the industry's preferred solution for low impact enhanced low-frequency seismic acquisition."

Emmanuelle Dubu, Sercel CEO, said: "With its experienced people, intellectual property and game-changing marine source, LISS brings significant added value to Sercel's marine seismic products and perfectly complements our current portfolio of market-leading high quality and sustainable exploration, reservoir development and monitoring solutions."



## News Release

### 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](http://www.sercel.com).

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