



Nantes, France – April 30, 2019

### **UK Regulator Authorized Deployment of Sercel's QuietSea Marine Mammal Monitoring System in UK waters**

Sercel is pleased to announce that successful deployment of its QuietSea™ Passive Acoustic Monitoring (PAM) system has been extended to the UK, following approval by the UK Department for Business, Energy & Industrial Strategy (BEIS) and Joint Nature Conservation Committee (JNCC) of its use for a seismic survey operated by CGG in waters off the Shetland Islands.

Sercel's QuietSea is a fully integrated PAM system that overcomes many of the limitations of its present-day competitors. The sensors are designed to fully integrate with seismic acquisition or navigation systems, and are incorporated with the hydrophones in the Sentinel streamer. By eliminating the need for deployment of separate PAM antennas at sea, QuietSea reduces the risk of accidents during deployment, retrieval and operation, thus significantly reducing operational downtime and possible equipment replacement costs.

In addition, prior to deployment in UK waters, QuietSea stepped up performance with the extension of the frequency bandwidth to 180 kHz, allowing the detection of porpoise click trains.

A member of the Environmental Management Team at BEIS, said: "We have worked closely with Sercel and CGG over a number of months to be fully satisfied that the QuietSea system would be fully effective at detecting cetacean species of specific concern in the region of deployment. Sercel and CGG pro-actively engaged with us, as the appropriate regulator, and with our conservation adviser, the Joint Nature Conservation Committee (JNCC), whose guidelines are a standard condition for oil and gas industry geological surveys in the UK. Subsequent to extensive testing and research, we were pleased to approve its use in UK waters."

Pascal Rouiller, Sercel CEO, said: "We are delighted to receive this new recognition of QuietSea by a major industry regulator, extending its deployment to UK waters. Our automated detection tool provides undisputable added value over conventional marine mammal monitoring. QuietSea's localisation accuracy and reliability undoubtedly contribute to the conduct of safer and more productive marine seismic operations".

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

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