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### Sercel Launches Sentinel *HR* High-Resolution Seismic Streamer

Sercel announced today the launch of **Sentinel<sup>®</sup> HR**, a high-resolution solid streamer designed to meet the specific imaging needs of shallow-target applications, such as oceanology, civil engineering and reservoir characterization, as well as high-resolution 3D (HR3D) seismic surveys for detailed mapping of geological features.

The latest member of the **Sentinel** streamer family has been developed with a close channel separation of 3.125 m to achieve reliable and cost-effective high-resolution surveys. Recent enhancements available in Sercel's new-generation **Seal 428** marine seismic recorder allow a higher channel count, enabling up to 6 km of **Sentinel HR** to be deployed with full data and power redundancy to ensure non-stop acquisition, opening up new possibilities for HR3D survey configurations.

Drawing on the commercial and operational success of the well-established **Sentinel** solid streamer family, which has over 40,000 streamer sections deployed in the field to date, the **Sentinel HR** offers unrivalled reliability. Delivering the best signal-to-noise ratio and high-quality pressure measurements from its hydrophone sensors, the **Sentinel HR** meets the challenges of high-resolution surveys, enabling the detailed imaging of complex subsurface geology.

The **Sentinel HR** adapts to all types of survey spreads, from comb deployment to larger configurations integrating the **Nautilus<sup>®</sup>** steering system. In addition, the **Sentinel HR** can also provide marine mammal monitoring when combined with **QuietSea<sup>™</sup>**, Sercel's revolutionary Passive Acoustic Monitoring (PAM) system, which is seamlessly integrated into the seismic streamers.

Pascal Rouiller, Sercel CEO, said: "Sercel's **Sentinel HR** is a robust new member of our **Sentinel** product family that will help to achieve a better understanding of subsurface geology for a broad range of industries. Built on field-proven technology recognized by the global seismic industry, the **Sentinel HR** is a cost-effective and powerful tool for both exploration and field development that will meet the intrinsic requirements of a wide range of specific shallow-target market applications."

### 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).

### Contacts:

#### Sercel Media Relations: Europe

Benedicte Vasse

Tél: + 33 2 40 30 11 81

E-Mail: [Benedicte.VASSE@sercel.com](mailto:Benedicte.VASSE@sercel.com)

#### Sercel Media Relations: Americas

Sandra Parker

Tel: + 1 281 647 7120

E-Mail: [Sandra.PARKER@sercel.com](mailto:Sandra.PARKER@sercel.com)