

PGS Selects Acquisition Optimisation Services from ION to Enhance 4D Surveys

In-field Specialists from Concept Systems Engaged to Improve Repeatability and Efficiency

EDINBURGH, SCOTLAND – June 5, 2009 – ION Geophysical Corporation (NYSE: IO) today announced that its Concept Systems group has signed an agreement to provide Acquisition Optimisation Services for all of Petroleum Geo-Services' (PGS) repeat, time-lapse (4D) seismic surveys during 2009. These services, to be provided throughout the year, include:

- **Survey design and feasibility** – Evaluating the multiple acquisition scenarios and resources that influence acquisition to ensure the appropriate balance of data quality and cost efficiency.
- **Coverage modelling** – Utilizing proprietary technology for advanced feather prediction to perform accurate coverage and repeatability modelling for any given sail track.
- **Survey Optimisation** – Providing experienced in-field specialists to combine predictions and acquired data with the latest technology to dynamically optimise acquisition in real-time.

The agreement further extends the collaboration between the two companies following news of a recent 5-year, fleet-wide deal for PGS' use of ION's Orca[®] command and control system, the 'brain' of ION's Intelligent Acquisition [IA][™] portfolio. During these time-lapse surveys, the companies will work together to jointly develop advanced 4D features to further improve data quality and survey operations.

Sverre Olsen, Navigation Manager in Marine Acquisition at PGS, stated, "PGS is delighted to collaborate more closely with Concept Systems to further enhance our 4D and HD3D strengths and maximise value for our customers. Concept Systems' new technologies and techniques enable us to make optimal acquisition decisions in real-time for unrivaled project efficiency, safety, and quality."

Successful 4D surveys acquire data with sufficient fidelity to track reservoir fluid movements over time. Due to the high repeatability requirements, 4D surveys often incur costly and time-consuming re-shoots to meet specifications.

Stuart Darling, Acquisition Optimisation Services Manager at Concept Systems, commented, "Significant development efforts, especially for line selection, have made Concept Systems' 4D survey optimisation process more robust and comprehensive than ever before. Our thorough survey

feasibility and planning is now complemented with real-time coverage and repeatability modelling, enabling us to use feather predictions to more accurately assess acquisition decisions throughout the survey. We are looking forward to demonstrating the effectiveness of this breakthrough technology in a variety of challenging environments during the year.”

Concept Systems’ breakthrough real-time modelling software is designed to accurately predict the impact of various acquisition options. Experienced in-field acquisition specialists select the optimal choice at every step. The comprehensive process strives to achieve maximum repeatability, productivity, and safety – significantly reducing costly re-shoots.

Learn more about Concept Systems’ cutting-edge Acquisition Optimisation Services at www.iongeo.com/CSLservices.

About ION

ION is a leading provider of geophysical technology, services, and solutions for the global oil & gas industry. ION's offerings allow E&P operators to obtain higher resolution images of the subsurface to reduce the risk of exploration and reservoir development, and enable seismic contractors to acquire geophysical data more efficiently. Additional information about ION is available at www.iongeo.com.

About PGS

Petroleum Geo-Services is a focused geophysical company providing a broad range of seismic and reservoir services, including acquisition, processing, interpretation, and field evaluation. The company also possesses the world's most extensive multi-client data library. PGS operates on a worldwide basis with headquarters at Lysaker, Norway. For more information on Petroleum Geo-Services visit www.pgs.com.

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