



→ Charged to innovate. Driven to solve.™

NEWS ALERT

ION awarded all 2016 North Sea 4D towed streamer optimization projects

HOUSTON – September 2, 2016 – ION Geophysical Corporation (NYSE: IO) today announced that North Sea operators selected ION in-field Acquisition Optimization Services for all time-lapse, or 4D, towed streamer projects for the 2016 North Sea season. Experience and proprietary technology were key to the award of five 4D projects, which include real-time survey line planning and quality control for fields in the North Sea offshore the United Kingdom, Norway, and Denmark.

ION acquisition specialists have in-field experience on over 100 4D programs in a variety of environments around the world including the North Sea, West Africa, the Middle East, Asia, Australia, and the Gulf of Mexico. A variety of proprietary tools are employed to optimally manage 4D surveys in real time. The marine current model in Orca Optimizer delivers accurate predictions to most efficiently acquire survey lines to match the prior survey. The addition of Marlin, ION's custom simultaneous operations management tool, to the 4D solution allows seismic plans to be represented alongside planned and actual activity for all operations in the area, enabling better real-time survey line planning while minimizing operational disruption.

Vice President of ION's Optimization Software and Services, Stuart Darling, commented "Towed streamer 4D acquisition remains one of the most complex operations for the seismic industry. 4D surveys require precise marine current predictions to accurately match past receiver positions and focused simultaneous operations management to ensure the vessel and equipment navigates around field infrastructure in a safe, efficient manner. It is testament to our technology and in-field acquisition specialists that key E&P operators in the region have all chosen to deploy our services in the current climate. It demonstrates the true value that we can deliver in terms of both operational efficiency and quality."

For more information on ION's 4D services, visit iongeo.com/4DServices or contact services-site@iongeo.com.



→ Charged to innovate. Driven to solve.™

NEWS ALERT

About ION

ION is a leading provider of technology-driven solutions to the global oil & gas industry. ION's offerings are designed to help companies reduce risk and optimize assets throughout the E&P lifecycle. For more information, visit iongeo.com.

Contacts

ION (Investor relations)

Executive Vice President and Chief Financial Officer

Steve Bate, +1 281.552.3011

steve.bate@iongeo.com

ION (Media relations)

Vice President, Communications

Rachel White, +1 281.781.1168

rachel.white@iongeo.com

The information herein contains certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These forward-looking statements may include information and other statements that are not of historical fact. Actual results may vary materially from those described in these forward looking statements. All forward-looking statements reflect numerous assumptions and involve a number of risks and uncertainties. These risks and uncertainties include risks associated with the timing and development of the Company's products and services, the competitiveness of offers, pricing pressure, decreased demand, and changes in oil prices; and political, execution, regulatory, and currency risks. Additional risk factors, which could affect actual results are disclosed by the Company in its filings with the Securities and Exchange Commission ("SEC"), including its Form 10-K, Form 10-Q and Form 8-ks filed during the year. The Company expressly disclaims any obligation to revise or update any forward-looking statements.