

FireFly Receives 2009 Meritorious Award for Engineering Innovation

Cableless Land Seismic System Recognized by Panel of E&P Industry Experts

HOUSTON – April 23, 2009 – ION Geophysical Corporation (NYSE:IO) today announced that its cableless land seismic acquisition system, FireFly[®], received a Meritorious Award for Engineering Innovation. Each year in April, Hart's *E&P* magazine announces its prestigious award recipients to recognize companies whose innovative technologies advance the discovery and production of oil and gas around the world based on the judgment of a panel of E&P experts convened by Hart's.

Doug Allinson, Senior Vice President of Next-Generation Land Solutions at ION stated, "We are honored that our FireFly system has been recognized as an engineering innovation by the Hart's panel. There are many technologies that are nominated for this award each year, and it's a testament to the vision and technical prowess of the many teams working on the FireFly project within ION that we have been singled-out for the award amongst many deserving peer companies. Throughout our forty-year history, the ION family of companies has continuously strived to deliver game-changing technologies and services that help our customers find oil & gas more efficiently and with less health, safety, and environmental risk. This award is the latest affirmation of ION's innovative and pioneering spirit."



The award ceremony took place at the FireFly Experience Center in Houston, Texas.
In the photo from left to right - Andy Bull, Director of Connex & FireFly System Architect, ION;
Bill Pike, Hart's E&P; Robert Mott, V.P. of Engineering Next Generation Land Solutions, ION;
Rhonda Duey, Hart's E&P; Jim Hollis, President and COO, ION; Bob Peebler, CEO, ION

FireFly combines wireless communication, data storage and power technologies in a high productivity, HSE-friendly land seismic acquisition system. FireFly is designed as a complete ecosystem using a portfolio of integrated technologies that revolutionize the way seismic surveys are planned, operations are conducted, and data is processed.

FireFly is currently being deployed by a major oil & gas company in the Qaidam Basin in China and will be deployed in East Texas on behalf of BP later in the quarter.

To learn more about FireFly, visit www.iongeo.com/firefly.

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 www.iongeo.com.

About the Hart's E&P Magazine and the Meritorious Engineering Awards

Hart's *E&P* magazine is a publication dedicated to informing exploration, drilling and production, onshore and offshore and in all parts of the world, about the trends and technology that help oil & gas professionals to do their jobs more efficiently. Nominations for the Meritorious Engineering Awards (MEAs) are judged by a panel of highly respected experts from operating, drilling and consulting companies around the world. Previous MEAs have been awarded to ION for its VectorSeis[®] digital full-wave sensor in 2003, AZIM[™] processing technique in 2004, and DigiRANGE II[™] and DigiBIRD[™] streamer technologies in 2005 (honorable mentions). Additional information on the Hart's E&P MEA Awards program can be found at www.epmag.com.

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