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FOR IMMEDIATE RELEASE

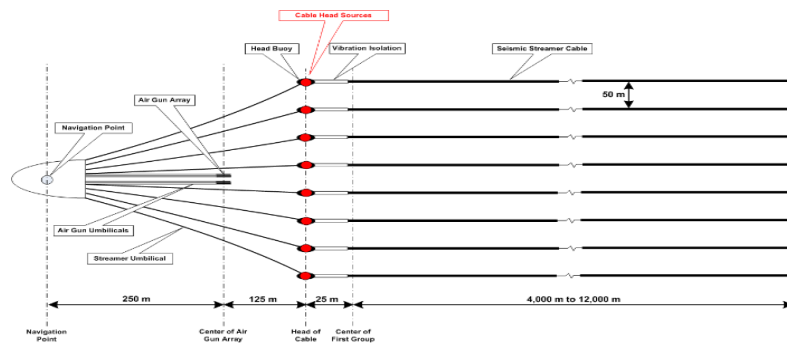
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Falmouth Scientific Receives Patent Immunity for ExxonMobil's Cable Head Source Patent

Cataumet, MA, USA – Oct. 4, 2018

Falmouth Scientific, Inc. (FSI) has received a patent immunity from ExxonMobil for ExxonMobil's Cable Head Marine Seismic Source (CHS) patent (US 9,864,081). This immunity enables FSI to incorporate its seismic source with HawkEye™ Clear Signature technology into ExxonMobil's CHS concept for near-zero offset data acquisition in 3D marine seismic surveys.

ExxonMobil's CHS concept generates near-zero offset traces by placing an acoustic transmitter on one or more of the cable-end buoys, preferably the head but also the tail, that provide flotation to each streamer and tow umbilical. ExxonMobil's CHS concept also significantly enhances the characterization of the near-surface complexity for seismic acquisition on the continental shelf.



Typical configuration of a 3D Seismic Data Acquisition Spread with Cable Head Sources

As detailed in the patent description, an acoustic transmitter placed at the cable buoy needs to have a stable source signature, be very reliable, be relatively small, have relatively low-power requirements and be electrically powered. An acoustic transmitter with these characteristics can get its power and be controlled by the existing electrical power and telemetry in the buoy, and should be capable of remaining in the water for the duration of the seismic survey. Falmouth Scientific's seismic source with HawkEye™ Clear Signature technology is the preferred acoustic transmitter on the market that best meets all of these requirements.

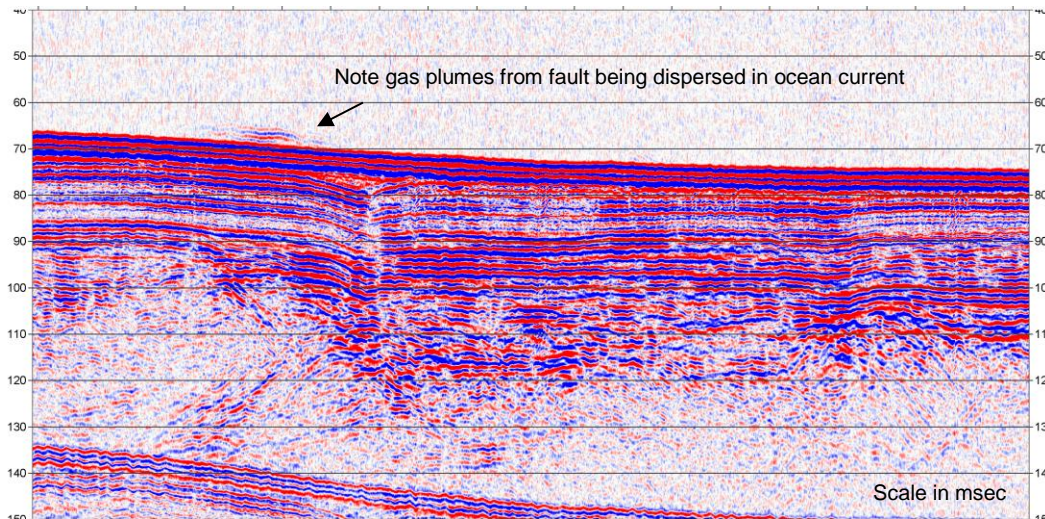


The FSI seismic source can be used independently or synchronized with other sources during off-shore, transition zone and site surveys. These highly reliable and dependable systems have demonstrated more than 500,000 shots without maintenance. The development of HawkEye™ Clear Signature technology was enabled by the extremely clean and repeatable source pulse and high shot-to-shot phase and amplitude wavelet correlation of the FSI sources.

According to ExxonMobil Upstream Research Company Seismic Acquisition and Imaging Manager Michael Helgerud, “Zero and near-zero offset data are critical for resolving complex near-surface geology. Cable head sources are a means to acquire zero and near-zero offset data across the width of a 3D marine streamer spread, and Falmouth Scientific’s seismic source provides a means of implementing cable head sources.”

FSI technical personnel will be available to discuss the seismic source, HawkEye™ Clear Signature Technology, and cable head source implementation in Booth 508 at the 2018 SEG Annual Meeting in Anaheim, Calif. during the week of Oct. 15-19, 2018.

For immediate information about HawkEye™ technology and the seismic source please visit www.falmouth.com or call FSI at +1-508-564-7640.



Sample high resolution near surface data

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Falmouth Scientific, Inc. (FSI) is a Cataumet, MA, USA based designer and manufacturer of precision oceanographic instrumentation and systems including the Bubble Gun family of portable seismic systems; the CHIRPceiver Family of sub-bottom and side scan sonar systems; the PLUS Family of current, wave, and tide meters; and other acoustics-based underwater products. Service areas include custom design, development, integration, production, and test of marine systems and underwater acoustic transducers.