

# Media Release

3 October 2013  
For Immediate Release

## GeoShot™ Detonator Breaks Ground in the Seismic Industry

Dyno Nobel has officially launched GeoShot™, the seismic industry's newest electronic initiation system and data acquisition tool. GeoShot was launched at the industry's premier tradeshow, Society of Exploration Geophysicists, in Houston, Texas in September, 2013. GeoShot allows customers to map, record and analyze the geological properties beneath the earth's surface with an energy pulse. To ensure accurate and reliable performance, GeoShot provides two-way communication between the loaded detonator and a handheld device (Tagger). The GeoShot Tagger matches critical data, including the detonator's exact location, among other important information. This becomes critical as seismic exploration projects increase in size, some covering 1,300 km<sup>2</sup> or more.

The geophysical exploration industry demands an explosives energy source which easily, accurately and safely acquires and manages data, while being reliable in harsh and challenging work conditions.

Features of the GeoShot system include:

- Easy-to-deploy and self-healing downline wire, allowing it to withstand 25 times more abrasion than typical downline wire
- Corrosion-resistant and digitally-encrypted detonator
- Rugged and simple-to-use data acquisition handheld device
- Seismic Interface Unit that fires the GeoShot detonators via a unique, coded signal

The GeoShot electronic detonator system delivers the necessary timing accuracy and allows exploration companies to capture useful information simply and quickly, such as when and where the holes are located and when they are successfully fired.

"The seismic exploration industry is eager to adopt a new initiation system that is user-friendly, yet sophisticated in capturing, maintaining and analyzing critical data," says Pat Nill, Dyno Nobel Electronic Initiation Systems General Manager.

It took a year to develop GeoShot through extensive field experience and trials, which were instrumental in providing feedback for the development of new and improved hardware that, could handle the tough conditions in the seismic industry.

"GeoShot has the most rugged Tagger control equipment on the market by a clear margin," said Jay Elkin, Regional Manager for Wampum Hardware (a Dyno Nobel joint venture partner). "The system is fast, simple, accurate, easy-to-use and readily accepted. Dyno Nobel is now setting the bar."

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## About Dyno Nobel

A subsidiary of Incitec Pivot Limited, Dyno Nobel has customers in the mining, quarry, construction, pipeline and geophysical exploration industries. The company operates in Australia, Canada, the United States, Africa, Indonesia, Mexico, South America, Papua New Guinea and Turkey. Dyno Nobel manufactures a full line of commercial explosives, including ammonium nitrate, bulk explosives, package emulsions, dynamite, detonators (electric, nonelectric and electronic), cast boosters, and detonating cord, as well as surface and underground loading systems and Portable Modular Emulsion Plants. The company also offers services including blast design, shot loading, shot service, vibration control, airblast, flyrock and NO<sub>x</sub> reduction, through DynoConsult, a specialist consulting division. [www.dynonobel.com](http://www.dynonobel.com)

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