



PRESS RELEASE
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NEOS and Lockheed Martin to Develop 'New Generation' Sensor

Huge Advance in Ability to Find Oil, Gas & Minerals from the Air

NEOS will develop a new generation gravity gradiometry sensor which will be 20 times more powerful than current technology to find oil, gas and minerals beneath the Earth's surface

San Francisco – July 6, 2016. NEOS Inc. and Lockheed Martin are building a unique sensor, which is so advanced it could find a 10-meter tall hill buried one kilometer below the Earth's surface. Put another way, the technology could find an armored truck full of gold 20 meters below the Earth, purely by sensing the effect the bullion imparts on the local gravity field.

The new technology, called Full Tensor Gradiometry (FTG) Plus, has 20 times the sensitivity and 10 times greater bandwidth than current gravity gradiometers.

"FTG Plus transforms what we can do and what we can see from the air," said Chairman of NEOS Jonathan Faiman, "Remote sensing is going to dominate the exploration market and with this sensor NEOS will have the most advanced in the world. It will enable us to image resources cleaner, quicker and at a lower cost to our customers."

Lockheed Martin is building the prototype specifically to detect natural resources from aircraft owned and operated by NEOS.

NEOS acquired the FTG Plus program as part of its acquisition of assets from CGG SA announced April 29, 2016.

"The advances we will make here are extraordinary. One of the reasons is that in the past we and competitors have used military hardware, modified for geophysical survey purposes," said Gregory Paleolog, FTG Plus program lead for NEOS, "FTG Plus is the first time Lockheed Martin has specifically built a sensor for our precise use and needs. That is a fundamental change; it is an entirely new design for us and we have exclusive rights to use it."

NEOS has exclusive use of the technology for applications related to oil, gas and mining and will use FTG Plus in its fleet -- either Twin-Engine Basler BT-67s, single turbine engine Cessna C-208B Caravan aircraft or Reims-Cessna F406 twin turbine airplanes. The sensors can also be used in helicopters.

The technology has the potential to change the way governments, energy ministries and exploration teams find valuable resources, and ultimately lead to faster, more informed decisions about where to explore, lease and drill.

"At a time when so much marine seismic equipment is being cold-stacked, we will be able to use non-seismic technology with a new sensor 20 times better than anything we have ever seen before," Paleolog said. "This means we will find more resources, quicker and with more accuracy than ever before. It will be transformative."

About NEOS

NEOS helps governments, energy ministries and exploration teams in the natural resources industries make faster, more informed decisions about where to explore, lease and drill. In partnership with its clients, NEOS acquires and simultaneously interprets multiple geological, seismic, non-seismic and geochemical datasets to identify valuable resources in the subsurface, including hydrocarbons, minerals and groundwater.

Before becoming Chairman at NEOS, Jonathan Faiman ran emerging markets trading at Goldman Sachs and was then a co-founder of Ocado, a U.K. business started in 2000 with revenues now of £1billion. Investors in NEOS include Jonathan Faiman, Kleiner Perkins Caufield and Byers, Gates Ventures and Passport Capital.

About NEOS Multi-Physics

NEOS's Multi-Physics business is acknowledged for its advanced geophysical sensor technologies, efficient data acquisition platforms, and excellence in all facets of airborne operational execution, particularly in its HSE philosophy and performance. Their legacy roots were formed in the metals & mining sector, though they have done significant oil & gas work in recent years.

Multi-Physics exploration methods integrate seismic and cost-effective, airborne-acquired, non-seismic measurements (e.g., gravity, magnetic, EM, radiometric and hyperspectral) for the purpose of developing a comprehensive 3-D image of the Earth's subsurface.

For more information, visit www.neosgeo.com.

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