

MINELAB SELECTED TO ENHANCE US MILITARY'S ROUTE CLEARANCE CAPABILITY

One objective of route clearance operations is to detect threats comprising anti-personnel landmines, anti-tank landmines and Improvised Explosive Devices (IED). The Husky Mine Detection System (HMDS) is in widespread use with the US military and combines a mine proof vehicle with a Ground Penetrating Radar (GPR) sensor which was developed and is supplied by NIITEK, a Chemring Sensors and Electronics Company; part of the Chemring Group.



Husky Mine Detection System

Minelab's Single Transmit Multiple Receive (STMR) metal detection array was developed to be added to any vehicle platform and includes the ability to be integrated with other detection sensors. STMR utilises Minelab's unique and superior pulse induction technology thereby achieving unprecedented high probabilities of detection and low false alarm rates. The STMR system has been used in humanitarian demining operations for the past eight years and has undergone continuous improvement and development.



Minelab's STMR System

In an effort to increase the capability of HMDS, and in collaboration with NIITEK Inc, Minelab has been awarded a \$4.38m development contract from the US Army through NIITEK, that will focus on the integration of the array with NIITEK's GPR sensor as well as productionisation and ruggedisation of the STMR system.

"The selection of STMR for integration with HMDS is an exciting award for Minelab and supports the potential we recognised in this product when it was first developed. Additionally, Minelab is delighted to be collaborating with NIITEK which builds on other projects in which both companies are engaged" said Peter Charlesworth, Executive General Manager, Minelab.

Once development is completed in June 2016, STMR will be available for integration with the existing US fleet of HMDS vehicles.