

SeaBat Upgrade for Marine GeoSolutions



Reson has received a contract from the South African-based Marine GeoSolutions to upgrade their Sea-Bat 8101 to the new and more advanced SeaBat 7101 multibeam sonar system. Marine GeoSolutions (Pty) Ltd. is a specialist marine geophysical survey company operating from Durban, South Africa.

The core business of Marine GeoSolutions includes offshore mineral exploration for mining companies and marine geophysical surveys in support of port development, engineering and dredging. In addition to offshore heavy mineral exploration, the company has experience in undertaking offshore exploration programs for diamonds, phosphorite and glauconite. Their staff have also undertaken oil well-site investigations and fibre-optic cable landing site surveys.

The SeaBat 7101 upgrade will increase the efficiency and cost saving through more usable swath width provided by roll stabilisation and equidistant beams. The data quality will be improved due to quality filter, uncertainty output and variable swath width. Another advantage in the upgrade is that the wet end will remain untouched and the upgrade will not change any wet end firmware, software or hardware.

The co-owner of Marine GeoSolutions, Dr Peter J Ramsay states: After many years of gratifying experience with our SeaBat 8101 we are now looking forward to upgrade to SeaBat 7101 with new features, which will increase our efficiency."

Marine GeoSolutions has many years of experience using RESON equipment. The equipment pool includes a SeaBat 8101 multibeam sonar system, NaviSound echosounders and sound velocity probes.

For additional information, visit the [Reson](http://www.reson.se) website.

<https://www.hydro-international.com/content/news/seabat-upgrade-for-marine-geosolutions>
