



**SOLITON Ltd**

## **The Statement**



**Our mission** is to provide reliable and cost effective solutions for Petroleum companies in area of hydrocarbons exploration and production.

**Our vision** is to design the effective application of Electromagnetic methods in cooperation with other geophysical methods to provide Clients with effective tool for exploration risk reduction allowing users to save time and money, improve information accuracy, and have better support for decision-making.

**Our value** lies in bridging the gap between geophysical information and detection of hydrocarbons saturation in reservoirs to increase a drilling success ratio

**Our solutions** are designed to simplify the effective use of integrated electromagnetic and seismic technologies to manage geological and geophysical information through easy-to-use, collaborative tools. Our “know-how” patented techniques provides high profitability rate of exploration stage.

**We help** national and private oil companies to save time, lower costs, increase profits, and ease the implementation of exploration, development and production plans.

**Dr. Alexander G. Nebrat**  
General Director  
Soliton Ltd



## **Executive Summary**

<b>SOLITON Ltd</b>	is an innovative full-service geophysical, geosciences consulting and survey services enterprise specializing in the application of integrated Electromagnetic and Seismic methods for hydrocarbons, geo-engineering, and geo-environmental investigations, to the petroleum, engineering, environmental, and mining industries.
<b>THE MISSION</b>	The principal service missions at Soliton Ltd is to provide the Clients with a comprehensive information for risk reduction and drilling decision support in hydrocarbons exploration projects.
<b>CORE CAPABILITIES</b>	Soliton Ltd has diverse capabilities with the application of geophysics and geologic characterization techniques for petroleum exploration/exploitation, shallow water and marine geophysics, land environmental and engineering studies, an integrated geological and geophysical surveying and prospects ranking. Working with affiliate consultants and business partners, Soliton Ltd can form dedicated teams to handle a variety of tasks, including survey design and planning, methods and technology integration, field data acquisition, data processing, and geophysical/geologic mapping and modeling.
<b>EXPERIENCE</b>	The company has more than 35 years experience throughout the Russia, CIS and around the world.
<b>SERVICES</b>	Soliton Ltd geophysical services for hydrocarbons exploration, engineering and environmental applications covers a broad range of onshore and shallow water marine investigation techniques. Depending on the survey objectives, we can employ any single Electromagnetic method or integrate several methods to develop a comprehensive suite of geophysical and geologic information models.
<b>ELECTRO MAGNETIC</b>	Soliton Ltd offers a wide range of electromagnetic profiling survey capabilities designed for application to detect hydrocarbons in site, rank oil and gas prospects to reduce a drilling risk, minerals and ore exploration, hydrogeology and groundwater studies, archaeological studies, and many other site investigation applications. <ul style="list-style-type: none"><li>• High Resolution Electromagnetic method for de- risking of hydrocarbons prospects</li><li>• Electromagnetic survey for Ore and Mineral deposits exploration</li><li>• Borehole-to-Surface EM method for productive reservoir monitoring</li><li>• Electromagnetic Engineering survey</li><li>• Marine Electromagnetic survey for Geo-Hazard prognoses for well site and pipelines locations</li><li>• Electromagnetic survey for Water Sources investigation</li><li>• Groundwater Investigations and Hydro-geologic Characterization</li></ul>
<b>STAFF</b>	Soliton Ltd is supported by qualified geophysicists, geoscientists, field management and technical personnel experienced with geophysical survey methods for petroleum exploration applications, geotechnical, geo-engineering, and environmental projects. The company total professional experience consist of more than 800 years. Soliton Ltd includes following divisions: <ul style="list-style-type: none"><li>• On-land EM acquisition crew</li><li>• Marine acquisition crew</li><li>• Navigation team</li><li>• Data Processing and Interpretation crew</li><li>• Finance and Marketing dept.</li></ul>
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