Management, Monitoring and Control Systems for Operating Submersible Pumps and Deep-Water Intakes

Energy-saving use of deep-water intakes
- hydrogeology, pump technology, hydromechanics, electrotechnics, system engineering, automation

Latest information technologies, modern control techniques, digital systems of transferring data and signals

Modern and patented technologies of taking measurements in pumping units of submersible pumps, high accuracy and reliability of measuring devices

Latest dedicated equipment and fittings in controlling and supplying deep-water pumping units
- control switches, diagnostic equipment, modular automation panels

Consultation on techniques of energy-saving operation of submersible pumps and deep-water intakes including energy consumption audit
Optimisation of energy consumption during operation of submersible pumps and deep-water intakes

- System-based, mathematical assessment of energy consumption during the use of pumping systems applied in submersible pumps
- Full technical diagnostics of functioning of deep-water pumping units and their pumping systems
- Control of changes in characteristics during operation of deep-water intakes – diagnostics of changes in hydraulic and hydrogeological parameters
Mathematics wizard used for selecting appropriate submersible pumps for the current and forecasted parameters of a well

Active control of performance of deep-water pumping units, planning replacements and repairs

- Consulting and training in system optimisation of intake operation
- Possibility of flexible design of algorithms used for controlling intakes, pipelines, reservoirs and secondary pumps
- Flexible friendly system of financial access to software and well measuring tools, e.g. subscription fee for access to the SoftSPM “cloud” and rental of equipment for 36 months with a possible purchase of the equipment for value of the 36th instalment