

Technical Equipment and Services

Technical equipment and services deliver an essential support function both in the field and in the laboratory to marine geoscientific and oceanographic surveys as well as land-based geological, geophysical and hydrological mapping.

Geophysical, oceanographic and geological survey equipment include instrumentation packages; echo-sounders; magnetometer; multi-beam echo-sounders; side-scan processing and data recording equipment; sub-bottom profiler systems; current meters, acoustic Doppler profilers, tide and wave gauges, temperature loggers, conductivity temperature depth profilers, winches and cable counters, seabed sampling tools, drilling equipment, real-time high-end GPS positioning and geodetic survey systems, electrical resistivity and electromagnetic prospecting systems.

The technical equipment and services built up by SOPAC "the Commission" is, and will continue to be, a long-standing facility, highly recognised in the region for its specialised expertise supported by a team of trained and experienced engineers; geological technicians who assist with installation, set up, calibration and data acquisition, providing support for the three technical programmes in their service delivery. It is the intention of SPC, through SOPAC "the Division", to further develop and strengthen this facility.