Anyox Hydro Electric Corp is planning to install approximately 20 km of underwater cable to tie its hydroelectric output from the old Anyox mine site across the Alice Arm into the BC Hydro grid. Oceanographic current measurements were required for the design, engineering and operation of the cable. ASL Environmental Sciences were hired as subcontractors to Terra Remote Surveys, who were doing the submarine and terrestrial cable route survey, to collect the current data.

Current data were collected at four marine crossings/landfalls in the Alice Arm, North of Prince Rupert, BC, Canada. Transect data with the Doppler Current Profiler attached to the survey boat, were collected along portions of the marine cable routes. Fifty-eight (58) transects were completed. As well, a single point Doppler Current Meter was deployed for several days at Alice Rock and at Hastings Arm (east), where the strongest currents were expected. The measurements were successfully completed by July 2005.

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