

CPT Depth Record on Mediterranean Cable Route Survey

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UK-based Coastline Surveys, which was contracted by Calegeo for an Alcatel Lucent cable burial assessment survey, recently broke its own water-depth record with its C-Pen40 seabed CPT system. After mobilising in Turkey, 44 tests were completed to full penetration across the 210km route between the landfalls. With a steep shelf on both sides, most of the CPTs were undertaken in water depths of over 1,000m and with a record depth of 1,250m being achieved successfully.



Under the survey, a total of 44 CPTs were completed along the proposed TURCYOS-II cable route.

Cable repair vessel the *M/V Peter Faber* was adapted for deepwater geotechnical operations. After careful review of the work scope specifications, Calegeo elected to utilise Coastline's C-Pen40 for the programme. C-Pen40 is a ROSON single-wheel seabed penetrometer designed to operate in up to 2,000m water depth, making it an ideal choice for this contract.

The work along the route was completed in less than five working days before being demobilised in Malta.