



Rotech Subsea were contracted by Subsea 7 to provide the TRS1 Jet Trenching tool to carry out Post-Lay Trenching works in Offshore Australia. The scope of work consisted of burying 6000m of 118mm diameter umbilical, to client specification of 0.6m Top of Cable.

The subsea spread of equipment was mobilised in January 2021 on the Seven Eagle and was deployed using the vessel crane. The TRS1 was operated in water depths up to 50m LAT, experiencing soil conditions of medium to coarse grained sand as well as harder, more cohesive soils.

The project was a great success with Subsea 7 delighted in the TRS1's technical and performance capabilities. The umbilical was easily trenched to client specification with the Rotech Equipment being operational for only 22 hours for the entire project. In the soft soil areas, a trench depth between 1.3m - 1.6m BOT was achieved at a progress rate of 4m/min. In the harder areas, depths between 1.0m - 1.3m BOT were observed at a progress rate of 3m/min. These depths were all achieved with only 1 Pass.

The TRS1's unparalleled capabilities allows for excellent productivity thus leading to a reduction on the projects total costs. A successful project for all parties, and Rotech Subsea look forward to future collaborations with Subsea 7.

Reference

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