

TRS1 - Post-Lay Umbilical Trenching - West Baracouta

Q1, 2021 - TRS1 Deployment on the Seven Eagle & TRS1 during Subsea Operations



Rotech Subsea were contracted by **Subsea 7** to provide the TRS1 Jet Trenching tool to carry out Post-Lay Trenching works on the **West Baracouta Development Project**, 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 2.5m/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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