

Subsea Pipe Cutting Case Study

Requirements

- To remove a 512 metre length of Super Duplex pipe from the sea bed, at a depth of 50 metres. Pipe specification 12" diameter with a 1" wall thickness.
- **Location:** Saudi Arabia.

Solution

- The Mirage MDWS used with a 3 circuit hydraulic controller. The diamond wire travelled at 1200 metres per minute at a feed rate set at 8mm per minute.

Outcomes

- 22 cuts made within 72 hours.
- Pipe sections around 23m long raised to deck.
- With the pipeline removed the customer was able to construct a new pipeline.

Click to watch the
Diamond Wire Saw
animation on YouTube



The MDWS being lowered into the sea.



The first two pipe sections recovered from the sea bed.

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