

Case Study

Triton Umbilical Decommissioning for Dana Petroleum

Project Description

SengS Subsea Engineering Solutions were contracted by Enviroco on behalf of Dana Petroleum to conduct Flushing/Pigging and Cutting operations of the Triton umbilical approximately 2.4km in length.

Subsea 7 were given the task to recover this abandoned section on to a storage reel. Once the abandoned umbilical was recovered, it was then transported to a working area in preparation for Flushing/Pigging and Cutting operations. Prior to Flushing/Pigging SengS was required to prepare both ends of the umbilical (Re-swaging of umbilical internal cores total of 30) to establish means of Flushing/Pigging of the 15 hydraulic/chemical cores.

The Flushing operations consisted of Flushing/Pigging the umbilical cores (No.15 off) to remove Chemical/Hydraulic medium by flushing water 220% of the line volume, followed by 2 medium density foam pigs: the first foam pig was propelled using water and the 2nd foam pig using nitrogen.

On completion of Flushing/Pigging operations SengS conducted cutting operations of the 2.4Km umbilical into 5-6m lengths (approx. 400 cuts), which were then transferred in a waste container, ready for final transfer to Enviroco recycling centre.

