



SAIPEM Barzan

Pipe Decommissioning

Project description

Bourbon Subsea was awarded the demolition, removal and shore disposal of 24" & 32" (thickness 22-38mm) pipeline. Scope included DOP (Dropped Object Protection) frame relocation and installation of 144 sleepers/buckle triggers for future pipeline crossings.

Saipem provided some of the installation engineering procedures.

Challenges

The time between award and deadline for offshore completion was very short: mobilisation in Qatar, which included demolition equipment preparation, had to start 2.5 months after award. Local approbation/permit delivery for marine spread and personnel is a complex process in Qatar, so consequently all necessary equipment and spares importation required significant anticipation. The pipeline decommissioning scope was a new challenge for Bourbon, which had no previous track record for such activities.

Our solution

Onsite pipeline strength was found to be greater than originally indicated which caused technical challenges as this meant equipment procured was undersized: execution of initial sequence had to be rapidly changed to permit the mobilisation of additional and better suited equipment.

Local Qatar subsidiary Bourbon Gulf provided essential assistance for Personnel Work Permits, local autorisations, logistics and local procurement.

Client

Saipem S.p.A.

Location

Qatar – Barzan Field

Duration

October 2018 – April 2019

Resources

- Bourbon Evolution 807 with 1+1 WROV HD
- Survey Spread
- Pipeline Demolition Spread

Services

- Project Management
- Engineering
- Pipeline decommissioning
- DOP relocation
- Sleeper installation for crossings

