

SUMMARY

Client:
DORIS Engineering

Field:
Santos Spar-Halyard

Project:
SHUR
July 2020 – Dec 2020
1,500 Manhours

Spread:
None

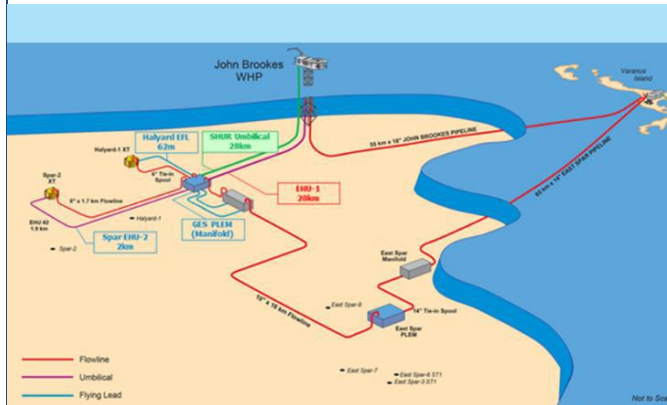
Personnel:
Engineering Manager
Subsea Engineer
SURF Engineer

Services:
Project Management
Installation Engineering
SURF and Subsea
Engineering

Project Outcomes:
Delivered procedures
and specifications for
the various project
options considered.

PROJECT PROFILE

Santos operates the John Brookes, Spar and Halyard fields offshore northwest Australia. An umbilical runs from John Brookes platform providing power, communications and chemical services to the Halyard and Spar production wells, which are tied back to Varanus island through the East Spar pipeline.



The health of the umbilical power and communications cables had deteriorated over time, to the point where a repair or replace decision was required to be made to ensure ongoing production reliability.

Infinity Offshore was mobilized to provide engineering management and project engineering, services to DORIS as part of a FEED study group to remediate the Spar-Halyard umbilical.

The main services provided to the client were:

- Engineering and Project Management Services
- Emergency Repair Procedures, Replacement Umbilical Functional Specification, Installation Procedures, Tie-In procedures and commissioning procedures.
- Client and contractor interface

Over the course of the project, a suite of documents (including on-bottom stability assessments and layout drawings) were delivered and accepted by the client project team as ready for use.

The execution of the umbilical repair will be scheduled for a suitable window dependent on vessel and permanent material availability.

