



INSTALLATION DATE:
January 2026

END USER:
Modec

LOCATION:

FPSO Baobab Ivoirien MV10
Drydocks World Dubai, UAE

LINES SIZES AND MATERIALS:

10mm, 22mm & 28mm CuNi 90/10

SYSTEM MEDIUM:

80 Bar Valve Remote Control (VRC)
hydraulic lines

SPECIAL COMMENTS OR NOTES:

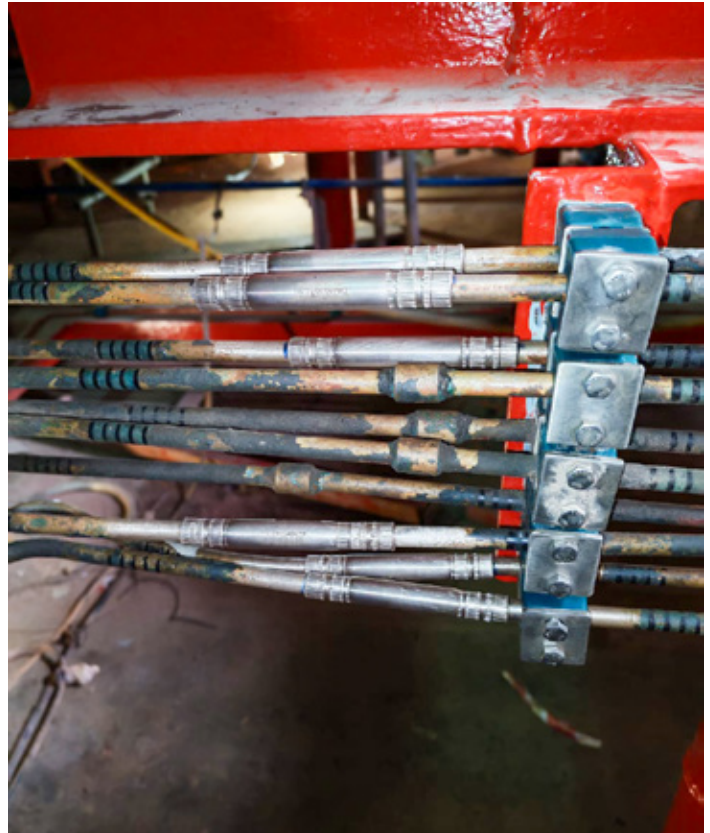
While in dry dock, the FPSO Baobab Ivoirien MV10 underwent flushing and pressure testing of the Valve Remote Control (VRC) hydraulic lines. During testing, over 50 leaks were identified, all requiring immediate repair. The existing CuNi welded fittings were removed, leaving gaps of approximately 50 mm between pipe ends—significantly larger than what standard weld fittings or conventional mechanical connectors can accommodate.

Due to the larger gaps, along with schedule constraints and the need for a fast, clean, and reliable solution, Modec selected PYPLOK® extra-long repair couplings for the repairs. These couplings reduced the total number of connection points by approximately 50% while maintaining system integrity. Being a non-welded (cold work) solution, hot work permits and post-installation chemical cleaning wasn't needed.

All 50+ leaks were successfully repaired using PYPLOK® in less than three weeks, including system flushing and re-testing, allowing the vessel to depart dry dock on schedule with a fully operational VRC system.









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