

# Field Operator / Subsea Engineer (Offshore Subsea & Well Intervention)



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## EXECUTIVE SUMMARY

Mechanical Engineer with over 13 years of offshore experience across subsea operations, FPSO production, and field services. Strong background in installation, operation, maintenance, and pressure testing of subsea equipment including subsea trees, BOPs, risers, manifolds, and control systems. Currently working as a Field Operator on FPSO operations, combining production monitoring with preventive/corrective maintenance and operational troubleshooting. Experienced in well intervention activities (slickline) and well testing support, with focus on equipment readiness, calibration, and procedural optimization. Safety-driven professional with consistent HSE compliance and experience coordinating and training multidisciplinary teams offshore.

## KEY ACHIEVEMENTS

**Subsea equipment integrity and readiness:** Oversaw installation, maintenance, and pressure testing of subsea trees, BOPs, risers, and manifolds to ensure integrity and operational readiness during offshore operations.

**Reduced non-productive time through evaluations:** Coordinated pre-deployment inspections and post-operation evaluations to optimize equipment performance and reduce non-productive time (NPT).

**Operational reliability improvements:** Diagnosed and optimized intervention and testing procedures to enhance operational reliability and reduce downtime on offshore operations.

**Production performance support:** Enhanced oil production efficiency through real-time process monitoring and proactive system adjustments on FPSO production operations.

## PROFESSIONAL EXPERIENCE

### Field Operator

SBM

2023 -

- Operate and monitor FPSO production, processing, and auxiliary systems according to established procedures.
- Perform preventive and corrective maintenance on mechanical, electrical, and hydraulic equipment; support installation, testing, and troubleshooting.
- Ensure HSE compliance and maintain accurate operational/maintenance logs, reports, and documentation.

## TECHNICAL SKILLS

- Subsea operations and maintenance
- Installation and maintenance of subsea trees
- BOP (blowout preventer) operations and maintenance
- Riser and manifold installation/maintenance
- Subsea pressure testing
- FPSO production operations
- Central Control Room (CCR) operations
- Preventive and corrective maintenance (mechanical/electrical/hydraulic)
- Well intervention (slickline / wireline)
- Well testing operations
- Production data logging and analysis
- Calibration of pressure gauges and flow meters
- Data acquisition systems
- HSE compliance / offshore safety
- BOSIET / HUET
- IWCF Certification
- Well Testing Certification

## SOFT SKILLS & PERSONALITY TRAITS

- Troubleshooting and problem solving
- Leadership of multidisciplinary teams
- Team collaboration
- Safety-mindedness
- Documentation discipline
- Continuous improvement mindset

## EDUCATION & TRAINING

Ocean Inspection and Maintenance  
30 Cecil Street, 19-08 Prudential Tower,  
Singapore, 049712



Quality, Integrity, Reliability



## **Subsea Engineer / Specialist**

*Expro Group*

**2021 - 2022**

- Oversaw installation, maintenance, and pressure testing of subsea trees, BOPs, risers, and manifolds to ensure integrity and readiness.
- Supervised offshore activities with strict adherence to HSE protocols and regulatory compliance.
- Delivered technical guidance and hands-on training; coordinated pre-deployment inspections and post-operation evaluations to reduce NPT.

## **Production Operator (FPSO Unit)**

*OPS*

**2017 - 2019**

- Operated FPSO production systems (separators, pumps, compressors, gas lift) ensuring safe, efficient, stable operations.
- Monitored processes in real time and adjusted systems to support production efficiency; supported crude oil offloading with marine teams.
- Diagnosed and resolved equipment issues to reduce unplanned downtime and promoted HSE compliance through drills and best practices.

## **FPSO Operations**

*OPS - Angola*

**2014- 2015**

- Operated and monitored production systems from the Central Control Room (CCR) to ensure safe and continuous operations.
- Controlled process parameters (pressure, temperature, flow) and coordinated start-up, shutdown, and emergency situations with field operators.
- Logged and analyzed daily production data to optimize process performance and ensured compliance with HSE regulations.

- Bachelor's Degree in Mechanical Engineering – ISIA (2016/2019)
- BOSIET / HUET
- IWCF Certification
- Well Testing Certification
- Subsea engineer specialis
- Languages – Portuguese (native), English (fluent)



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