On-stream Robotic Welding

CRITICAL REPAIRS WITHOUT SHUTDOWN OR REPLACEMENT

Keep production running. Repair permanently.

On-stream repair of critical FPSO structures

Effee enables critical crack repairs and the installation of structural reinforcements while the asset remains in full operation.

By performing welding without emptying tanks or shutting down surrounding infrastructure, critical structural repairs can be completed safely while maintaining production.

Key benefits

- Repair performed during full production
- No shutdown or production interruption
- Critical crack repair and structural reinforcement
- Reduced risk of future cracking
- No hot-work shutdown required

Value from a completed project

10 DAYS

UNPLANNED SHUTDOWN AVOIDED

An estimated 10-day unplanned shutdown was avoided while the FPSO remained in full production.

2 M BARRELS

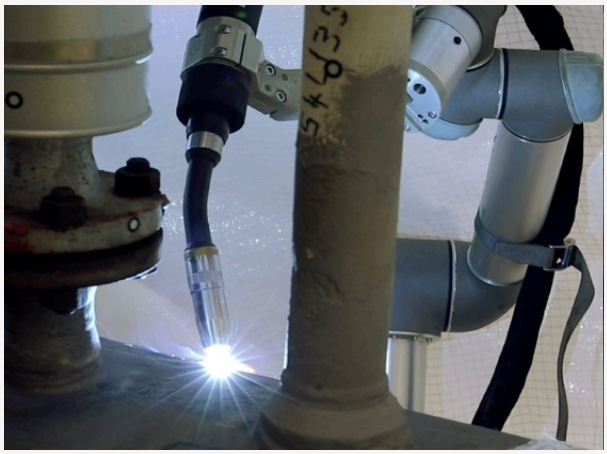
PRODUCTION PROTECTED

Approximately 2 million barrels of production were protected by keeping the asset operational.

USD 166 M

POTENTIAL PRODUCTION LOSS AVOIDED

Approximately USD 166 million in potential production loss was avoided.



- Reduced POB
- Lower HSE exposure
- Remote operation
- Digital traceability
- Protects uptime
- Extends asset life

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