

AGR Field Operations

We offer a wide range of products and services needed for managing the operation, technical support, inspection, and maintenance of oil & gas fields and associated infrastructures through the entire life of the field. We also provide operations and maintenance (O&M) personnel and full technical and project management support teams.

Subsea Services

AGR have an experienced team of service technicians, engineers, supervisors and managers to provide hands on support in well services and subsea systems. Our team can design, procure and install subsea production systems, including well completions, trees, flow lines, pipelines, umbilicals and manifolds. AGR Field Operations support the clients within the following areas;

- Subsea engineering
- FEED (Front End Engineering & Design)
- Detailed design, modelling and structural engineering
- Equipment specification and procurement
- Factory Acceptance Test (FAT)
- System Integration Test (SIT)
- Subsea well intervention and abandonment
- Subsea installation, engineering and services
- Subsea feasibility studies, HAZOP and HAZID
- Subsea controls
- Inspection Maintenance and Repair (IMR) of subsea systems
- Mooring system design and installation
- Subsea tie-in system design and installation



Structural engineering

We offer an extensive range of structural and civil engineering skills, covering process equipment and structural decks, ancillary structures etc subjected to marine motions and Greenwater loads as on FPSO's or FSO's and Semi-submersible platforms. We also have experience in structures, turntables and chain stoppers for connection/quick disconnection to high load mooring systems, through to marine loading jetties etc.

Control & Hydraulic power units

We can offer an extensive range of subsea hydraulic control, electro-hydraulic/multiplexing control engineering, Hydraulic Power Units (HPU), covering subsea wellhead and manifold controls (including SSSV), associated well monitoring equipment data, umbilicals, buoy terminations and stabbing plates, control fluid and electrical swivels, disconnect systems. We have extensive experience in:

- Programmable Logic Controllers (PLC)
- SCADA interfaces
- Safety Shutdown Systems
- Safety Integrity Level (SIL) engineering



Subsea Services

Project engineering

We offer an extensive range of subsea flexible flowline, umbilical, mooring, FPSO buoy and riser systems design engineering, procurement and installation expertise. We provide diver and diver-less system design and installation. Expertise includes project management for all aspects of the subsea systems. We have expertise with:

- Design
- Procurement
- Installation
- Long term management of subsea rigid pipeline
- Pipeline shore crossing design
- Drawings and construction specifications for horizontal directional drilling method and open cut method

Supply & Service base

This unit assists operators to design, specify, install and service subsea production equipment including subsea trees, manifolds, flow lines and control umbilicals working on both a lump sum and reimbursable basis.

We have equipment for maintenance, inspection and testing of subsea and down hole equipment for lease to operators. This includes a subsea wireline intervention system used for subsea well workovers. The equipment permits workovers from a dynamically positioned or spread moored vessel resulting in lower daily costs and reduced intervention times for workovers. Well abandonment costs may also be substantially reduced.

We have an experienced team of service technicians, engineers, supervisors and managerial personnel providing hands-on service in well services and subsea systems. We employ over forty subsea engineers, technicians and service personnel, who design, procure and install subsea production systems including subsea well completions, subsea trees, flow lines, pipelines, umbilicals and subsea manifolds.



Anzon (BMG Project) 5 slot manifold manufactured by Cameron



Anzon (BMG Project) 5 concentric subsea trees manufactured by Cameron



AED Puffin project Load out of Kalunborg

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