



## Client: Managed Pressure Operations – Ocean Rig Mylos

### Project Brief

- ▶ Project: MPD Package Installation and DGD Integration
- ▶ Location: Transit from South Korea to Brazil
- ▶ Duration: 109 days onboard
- ▶ Team: 21-43 pax: Project Engineer, Supervisors, Team Leaders, Qualified Welders, Fitters, Post Weld Heat Treatment Technicians, Hydraulic Technicians, Pressure Test Specialists, NDT Technicians, Abseiler Team, Scaffolders, Painters, Electrical Supervisor, Electricians, Electrical Assistants



### Engineering

- ▶ Two onsite surveys at SHI Shipyard – South Korea
- ▶ Technical expertise provided for Piping and Structure
- ▶ Stairway design
- ▶ Complete As-built package

### Supply

- ▶ Worldwide sourcing:
  - ▶ LP & HP Supply from South Africa, Dubai & U.K.
  - ▶ Hydraulic & Air lines tubing / couplings from Singapore
  - ▶ Tools and Equipment from South Africa / Singapore / U.S.A
- ▶ Scaffolding supplied in DNV 2.7-1 container
- ▶ 8 x DNV 2.7-1 Gas racks and Gas (Oxygen, Acetylene, Argon)
- ▶ Post Weld Heat Treatment equipment
- ▶ Pressure Test pump and related equipment



For more details please contact: [info@3cmetalme.com](mailto:info@3cmetalme.com)



## Logistics

- ▶ Personnel Deployment Logistics and coordination at each Port
- ▶ Certification of team: Seamen's Book, Yellow Fever
- ▶ BOSIET / HUET
- ▶ Onboard STCW Offshore Survival Training attended by all 3C Crew

## Scope of Work

- ▶ Structural: Existing Christmas Tree stand reinforcement, removable walkway, 3 x Moon Pool penetrations and Coflex Gooseneck supports, Equipment tie-downs
- ▶ HP Piping: Choke line to Mud Gas Separator 10,000 Psi re-routing
- ▶ LP Piping: 30 x interconnecting lines between equipment
- ▶ 5 x 10" Coriolis loops, 1 x 18" to 16" Shaker bypass line
- ▶ MPO Equipment integration with existing Rig systems



- ▶ Hydraulic & Air lines: MPO Equipment control, valve supply lines for remote actuation, Autoclave 30,000 Psi line
- ▶ Electrical: New 3rd Party Distribution Panel installation, MPO equipment integration within rig power supply, control signal cabling for remote operation, alarm and utilities
- ▶ Equipment rig-up: Rig-up assistance during the MPO equipment installation

## Class Interface

- ▶ DNV Certification of all technical documentation
- ▶ DNV Inspection / Witness during pre-fabrication
- ▶ DNV Inspection / Witness throughout the installation



For more details please contact: [info@3cmetalme.com](mailto:info@3cmetalme.com)