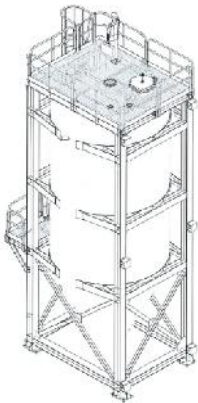




Client: Ocean Rig – Ocean Rig Skyros

Project Brief

- ▶ Project: Installation of Zero Discharge system and Boat Landing
- ▶ Location: Transit from South Korea to Angola
- ▶ Duration: 140 days onboard
- ▶ Team: 28 pax: Project Engineer, Supervisor, Electrical Supervisor, Fitters, DNV Qualified Welders, Scaffolders, Painters, Firewatchers, NDT Technician, Electricians, Abseilers and Electrical Assistants



Engineering

- ▶ Onsite survey of all scopes at SHI Shipyard – South Korea
- ▶ Design of interface required to accommodate and transfer the loads of the Zero Discharge equipment and Boat Landing on existing structures
- ▶ Strength Analysis using Finite Element Analysis
- ▶ Design and DNV Class Approval of 2 x Powder Silos (capacity 95mT)

Supply

- ▶ Piping and Structural supply and prefabrication
- ▶ Electrical material
- ▶ DNV 2.7-1 Containers fitted with:
 - ▶ Tools and Equipment for onsite installation
 - ▶ Scaffolding
- ▶ DNV 2.7-1 Gas Racks fitted with Gas cylinders



For more details please contact: info@3cmetalme.com



Logistics

- ▶ Delivery of material in various locations (South Korea, Singapore, Port Elizabeth, Angola)
- ▶ Booking of flight / hotel stay for the team
- ▶ Administrative assistance : Seamen's Book, Yellow Fever, BOSIET, Angolan Visa

Scope of Work

- ▶ Zero Discharge System:
 - ▶ Engineering & Design
 - ▶ Class Approval
 - ▶ Fabrication of structural foundations, pre-fabricated piping and pre-assembled distribution boards
 - ▶ Onsite installation of Zero Discharge equipment
 - ▶ Installation of all Piping & Electrical connections
 - ▶ Installation of screw conveyors



- ▶ Piping Connections of Burner Head:
 - ▶ Work at height and overboard
 - ▶ Pressure testing of lines witnessed by Class
- ▶ Onsite installation of HP Oil Wash-down system:
 - ▶ 1m³ Holding Tank
 - ▶ Pump & hose reels
 - ▶ Stainless Steel tubing

- ▶ Boat Landing:
 - ▶ Engineering and Design of a Boat Landing structure to accommodate a Surfer/Transfer Vessel to ease personnel transfers
 - ▶ Engineering and Design of Receptacles for positioning the Boat Landing structure on the side of the Hull.
 - ▶ Class Approval of the Engineering Design
 - ▶ Fabrication of Boat Landing structure and Receptacles
 - ▶ Onsite installation of Receptacles
 - ▶ Final positioning and testing of Boat Landing



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