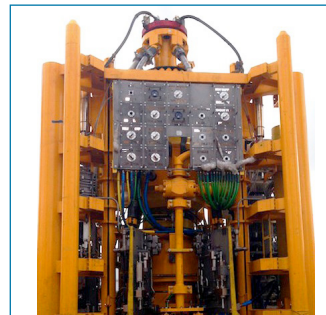
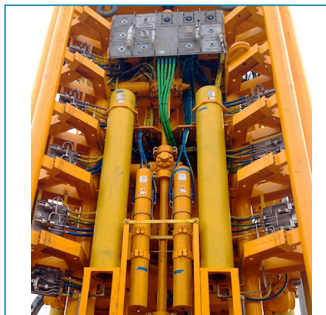


CASE STUDY

Cameron BOP Stacks - Specialist Hose Services Solutions



Background

In order to assure the integrity of subsea hoses that could be compromised by high water pressures and abrasion in deepwater environments, Hydrasun's technical team developed an innovative product solution. Utilising in-house extrusion capabilities a hose was developed with an extruded PUR (Polyurethane) cover in order to provide a barrier to seawater ingress and other external forces.

The first subsea BOP Unit to be fitted with the Bypod-PUR Hose was the Transocean Leader in 1997 and since then this Hydrasun product solution has been adopted on over 80 Drilling Units worldwide.

In the mid 2000's Stena Drilling announced their intention to build the DrillMAX series of dynamically positioned DP Class 3 drillships capable of drilling in water depths of up to 10,000 metres with Cameron being chosen as their preferred BOP provider.

Customer Requirements

Cameron identified a need for a contractor to supply not only a high quality, high integrity BOP hose solution but also the ability to field measure, undertake onsite Hose Assembly activities, flush and test the completed Hose Assemblies and also provide an on-site installation service.

Whilst product availability was important, with a tight project build programme the provision of project management was also identified as a key requirement to effectively manage the supply of product, scheduling of manpower & equipment and delivery of technical expertise on-site

Hydrasun's Solution

Having identified the above requirements, Hydrasun delivered a proposal covering an integrated product, service and project management offering.

Hydrasun's range and size of inventory of Bypod PUR-Hose together with the appropriate Hose Fittings, supported by the availability of value added services including labour provision, on-site field support services and a project management capability, allowed for the fast turnaround on product and delivery of an integrated turnkey solution to Cameron.

Technical Integrity and Quality assurance needs were met by the provision of highly experienced and certified Hose Assemblers, Testers and Fitters.

Result

Hydrasun delivered an integrated solution that encompassed product supply, service delivery, labour provision and technical support, adding real value to Cameron through supporting on-time delivery objectives whilst delivering real cost savings through the utilisation of one source of supply for all requirements.

The successful completion of the initial workscope on the Stena DrillMAX I BOP stack saw Hydrasun also being appointed as Cameron's preferred contractor for the Hosing of the BOP Stacks on the DrillMAX II, III & IV series of Vessels together with associated spare BOP Stacks. These were all built at Cameron's facility in Berwick, Louisiana, USA.

At a glance

Customer

Cameron

Location

Berwick, Louisiana, USA

Customer Requirements

Provision of BOP Hose service solution requiring the fast track supply of specialist Hose & Fittings, together with the provision of labour to undertake manufacturing, flushing, testing & installation work.

Hydrasun Solution

Hydrasun provided an integrated solution encompassing product supply, labour provision, technical support and project management to ensure the BOP Hose Assembly scope of work was completed within the required project timescales.

Benefits

- Enhanced Integrity & Quality Assurance
- Single source Integrated Solutions
- Project Management & Technical Expertise
- Delivery Lead Time
- Cost savings



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