

Hydrasun has been a supplier to Transocean for over 20 years and now provide products and related services to the enlarged Transocean Sedco Forex group.



Products supplied range from standard “off the shelf” fluid connectors to ultra high pressure hoses and fittings to support the deepwater drilling and subsea operations of various drilling rigs operated by Transocean Sedco Forex.

The close working relationship between Hydrasun and Transocean Sedco Forex has allowed the company to collaborate on the development of new products and specialist coatings to meet the specific operational needs of Transocean Sedco Forex teams in the most demanding of physical environments. Specifically this includes:

BYPOD-PUR Subsea BOP Control Hose

In order to assure the integrity of subsea hoses that could be compromised by high water pressures and abrasion in deepwater, Hydrasun’s technical team developed in close collaboration with Transocean Sedco Forex an innovative product solution.

Utilising their extrusion capabilities Hydrasun’s technical team developed a Hose with an extruded PUR (Polyurethane) cover, in order to provide a barrier to seawater ingress and abrasion. This extended the life of the standard Hose & also addressed any environmental risks.

The first drilling unit to be fitted with the Bypod-PUR was the Transocean Leader. Since then another 30 drilling units have been equipped with the Bypod PUR and are now operating on a worldwide basis assuring the technical integrity of critical components over extended operational life cycles.

Value to Transocean Sedco Forex

The ability to deliver the above to Transocean Sedco Forex has provided them with significant added value in the following areas:

- Assurance of Technical Integrity of Equipment
- Operational Reliability
- Reduction in Health, Safety & Environmental Risks
- Reduction in Life Cycle Costs



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