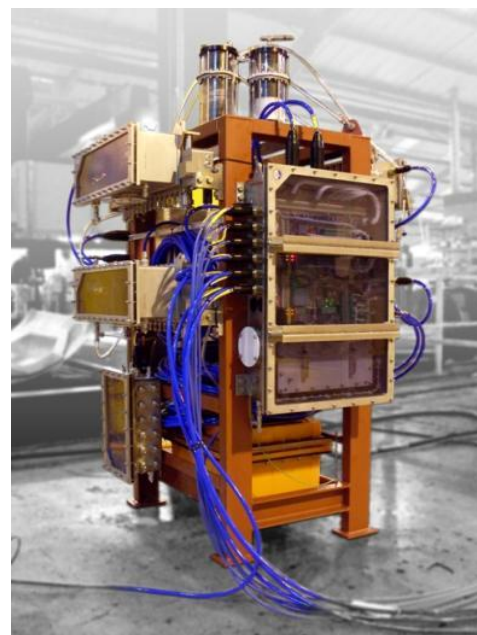
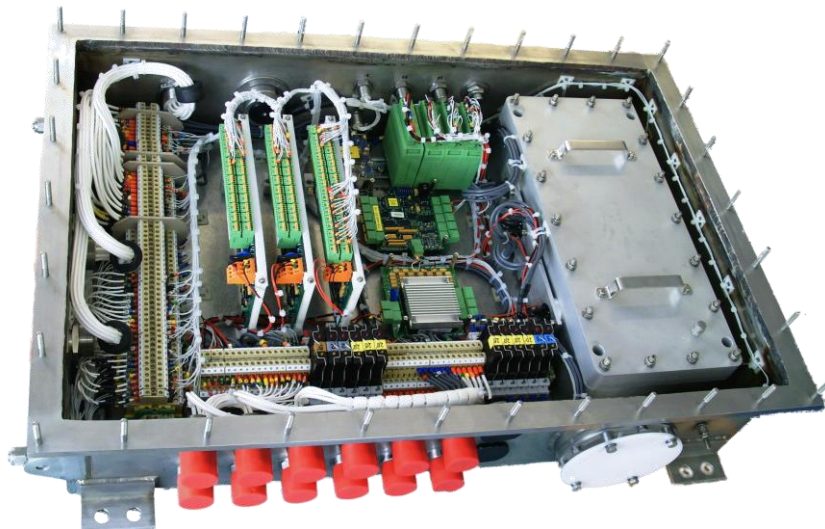




Well Intervention Control System.



Project Summary

- Client: Helix
- Delivery Date. 2009
- Control System for rig less well intervention lubricator tools.
- 7 off 12 station hydraulic control manifolds + control manifold.
- Local valve control electronics.
- Battery backup power in event of lost umbilical.
- Accumulator backup allows hydraulic backup in case of lost umbilical.

The Well Intervention Control System comprised of seven off twelve station manifolds to be used on a rig less well intervention system. The manifolds were fitted with a quick release mechanism to allow quick connect/disconnect in case of component failure, this allowed the complete unit to be worked on in a more convenient location. The system was supplied with battery back up in the event of a lost umbilical (EQ Emergency Quick Disconnect).

The clients system was PLC based and it was essential to maintain compatibility so the PSS Smart technology was incorporated into this system. To control the system PSS developed a bespoke software control system. The system used distributed electronics that ensured that the loss of one element of the system did not case a failure in a related system.

PSS Drawing Number A001-350-103 iss 1

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.

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