



ALPHA PETROLEUM SERVICES, LLC

◆ Experience ◆ Innovation ◆ Integrity

PAUL YAN SHAW

Paul is an Associate with Alpha Deepwater Services having over twenty-five years' experience in the oil and gas industry. Paul currently fulfils the role of Subsea Projects Manager for all APS developments, responsible for project management and technical oversight of all subsea facilities covering trees, umbilicals, subsea control systems, gas lift systems and installation, from concept through to de-commissioning. Paul's offshore installation experience covers more than 150 separate trips and remains the only individual to have worked directly for three of the world's five main umbilical companies. Paul's oil and gas industry experience includes a broad variety of activities:

- In 2005 Paul joined APS as possibly the most experienced and versatile controls/umbilicals specialist in the industry. A recent example of this versatility had Paul and a very compact APS team directly responsible for design, engineering, procurement, manufacturing, testing and installation oversight of a groundbreaking subsea tieback offshore New Zealand. Paul managed a total of eight contracts (manifold, connector, umbilical, gas-lift, EFL, HFL, 3rd party verification and subsea controls) in addition to providing contract support and installation technical components of the project. With two supporting APS Lead Engineers the team managed almost \$30-million of contracts and more than 100 engineering and manufacturing personnel. The team delivered and helped install a full single well subsea development for under \$50-million (hardware and installation). All hardware contracts were executed on-time and within agreed budgets.
- Before joining APS in 2005 Paul was the Technical and Commercial Manager for Kvaerner Oilfield Products (now Aker Solutions). He provided the technical, commercial and client interface focal point for the company's umbilical business stream, plus technical oversight of several Gulf of Mexico projects.
- From 2000 through 2003 Paul worked with INTEC Engineering in Houston as a Senior Engineering Specialist. His subsea knowledge expanded with sole responsibility as the client engineer for the design, manufacture, assembly, testing and installation of 135-miles (218-km) of umbilicals and associated control system hardware.
- Paul worked with Nexans in Norway as a Lead Project Engineer (1995-99) before moving to Houston as Nexans first full time technical presence in the USA. Prior to this Paul held various positions with DUCO in Newcastle, UK (1991-95) which included more than 100 separate offshore visits.
- From 1986-1991 Paul served in England's Royal Navy as a Weapons Engineer completing a technical and practical education in electrical and mechanical engineering. Out of 86 entrants Paul was one of only thirteen graduates to successfully meet the Royal Navy's strict physical and education requirements.

Although originally from the UK, Paul became U.S. citizen in 2017. He is widely traveled, and his leadership skills are broadly recognized amongst his peers. Paul and his family make their home in Houston and are active members of Lakewood Church.