

# Expro Continues to Lead Subsea Well Intervention Safety Through its NGLS Programme of Work

Leading international oilfield services company, Expro, is supporting improvements to increase integrity and safety in subsea well interventions, through its involvement in the industry's impending API 17G 3rd edition standard.

The third revision to 17G provides clarity on the requirements for in-riser well intervention equipment previously not captured in earlier editions.

In line with its commitment to API RP 17G, the company has evaluated both the 2nd edition and the forthcoming 3rd edition of the standard to create the most onerous set of criteria for its next generation landing string (NGLS) programme of work.

API 17G 3rd edition demonstrates the importance the industry places on in-riser well intervention equipment, its role in well integrity and its safety critical element in barrier philosophy. The use of in-riser well intervention technology will lower well commissioning and intervention costs by minimising rig times. It will also optimise rig utilisations through installing/completing in one run, thereby improving efficiencies during operations.

Expro's NGLS programme of work includes enhanced functional capability through improving equipment integrity, structural integrity/operability through validation of finite element analysis against physical tests, in-riser monitoring to manage fatigue, enhanced safety integrity levels and improved lifecycle management. Much of this programme of work is transferable across Expro's existing products.

The company's investment has enhanced its technologies to include a high debris tolerant ball mechanism; cut and seal functionality; the ability to strip through coil through a partially closed subsea test tree ball and the retainer valve's "fail as is" ability to close after BOP shear.

These five key elements ensures Expro maintains its leadership in subsea safety systems and delivers a complete safety package that meets the industry's latest standards.

Colin Mackenzie, Expro's Vice President of Subsea, said: "As subsea test trees have become the established safety system for well commissioning and intervention, industry standards have been developed to ensure well integrity is maintained at all times. The impending introduction of API 17G 3rd edition for subsea well intervention equipment has raised the importance and control of in-riser well intervention equipment.

"As the industry's leading subsea landing string provider, Expro's NGLS programme of work ensures compliance with industry expectations whilst being in accordance with the impending API 17G 3rd edition, thereby improving integrity and reducing equipment risk."

