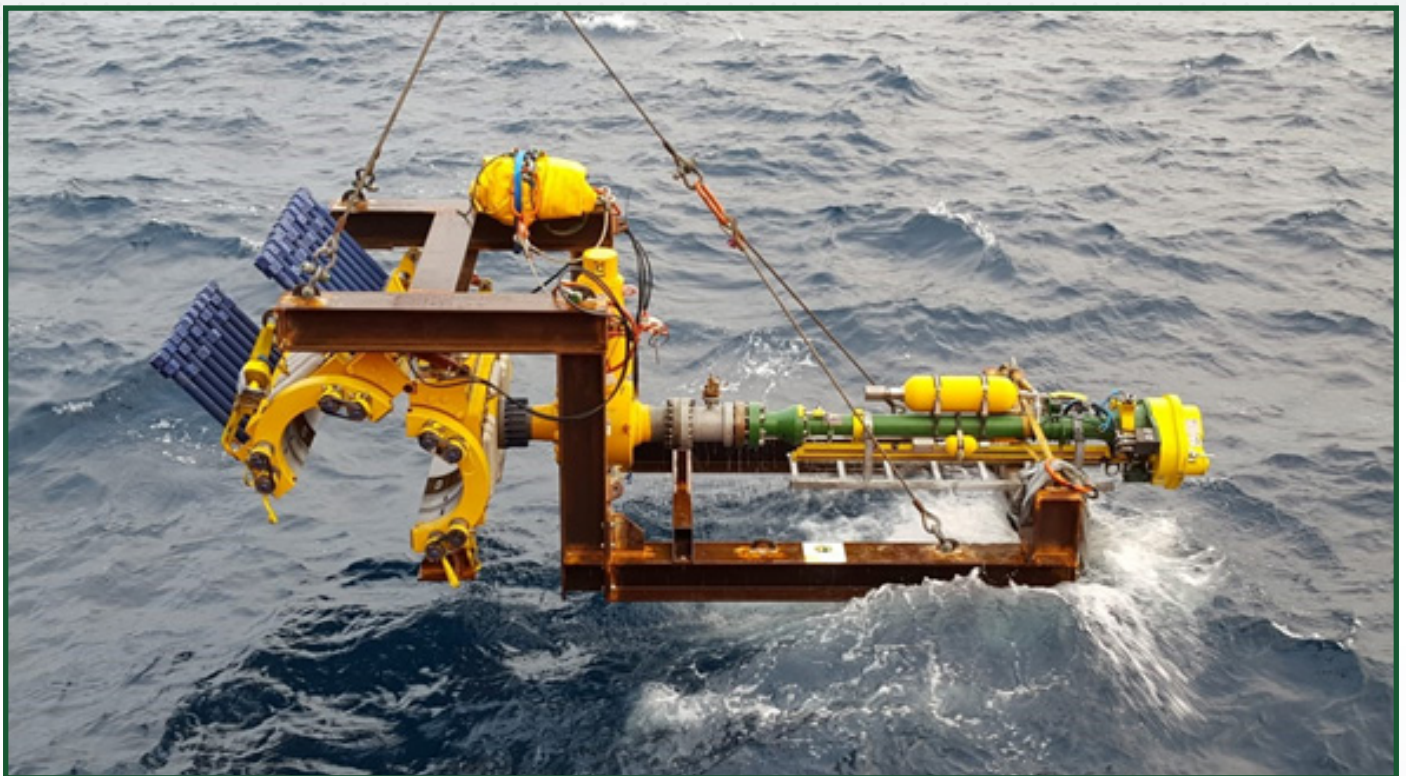




Subsea Mechanical Hot Tapping Fittings

STATS subsea Mechanical Hot Tapping Fittings facilitate the connection of new branch pipework to existing infrastructure without the requirement for hyperbaric welding or pre-installed tees. Mechanical fittings are routinely used to provide a flanged off-take to enable hot tapping into an existing pipeline while under pressure and with no interruption to production. The fittings can also be utilised as an access point to deploy a temporary double block and bleed BISEP isolation, STATS proprietary line plugging technology.



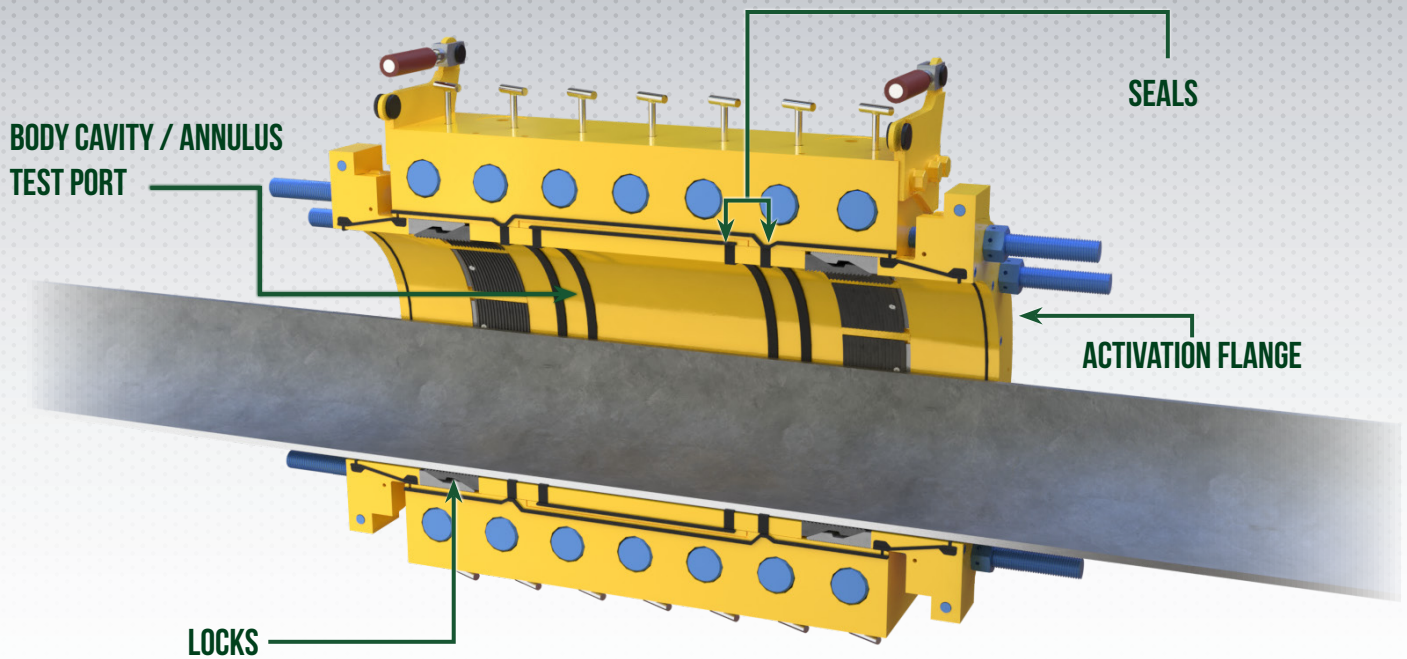
Applications

- ◆ Tie-in or re-route of subsea pipeline infrastructure
- ◆ Pipeline repair: hot tapping access point to deploy temporary line plugging technology



STATS GROUP

Managing Pressure, Minimising Risk



Key Features

- ◆ Designed to meet clients pipeline pressure and size requirements
- ◆ Dual seal design, independent activation of seals and locks
- ◆ Designed to be compatible with STATS BISEP assembly
- ◆ Designed to withstand full pipe separation loads (full structural design)
- ◆ Hydrogenated Nitrile Butadiene Rubber (HNBR) seal supplied as standard, alternative sealing material available upon request
- ◆ DNV Design Review Certificate available upon request (optional item)
- ◆ Annulus test port allows a pressure test between the two seals
- ◆ Designed for compatibility with a wide range of pipe materials including carbon steel and stainless steel as standard, duplex available on request
- ◆ External grip assembly applies even linear and circumferential grip load around the host pipe, eliminating localised material deformity and localised stress fractures
- ◆ Easily installed and commissioned by divers with basic training
- ◆ External grip lock and seal assembly eliminate possible flow disturbance and turbulence

Applicable Standards and Specifications

- ◆ DNVGL-ST-F101 Submarine Pipeline Systems
- ◆ ASME Boiler and Pressure Vessel Code, Section VIII, Div 2
- ◆ API 5L, Specification for Line Pipe
- ◆ ASME B16.5, Pipe Flanges and Flanged Fittings
- ◆ ASME B31.8, Gas Transmission and Distribution Systems
- ◆ ASME B31.4, Pipeline Transportation Systems for Liquid Hydrocarbons
- ◆ API 6H, Specification on End Closures, Connectors and Swivels
- ◆ External coated in accordance with Norsok M501 System 7

