

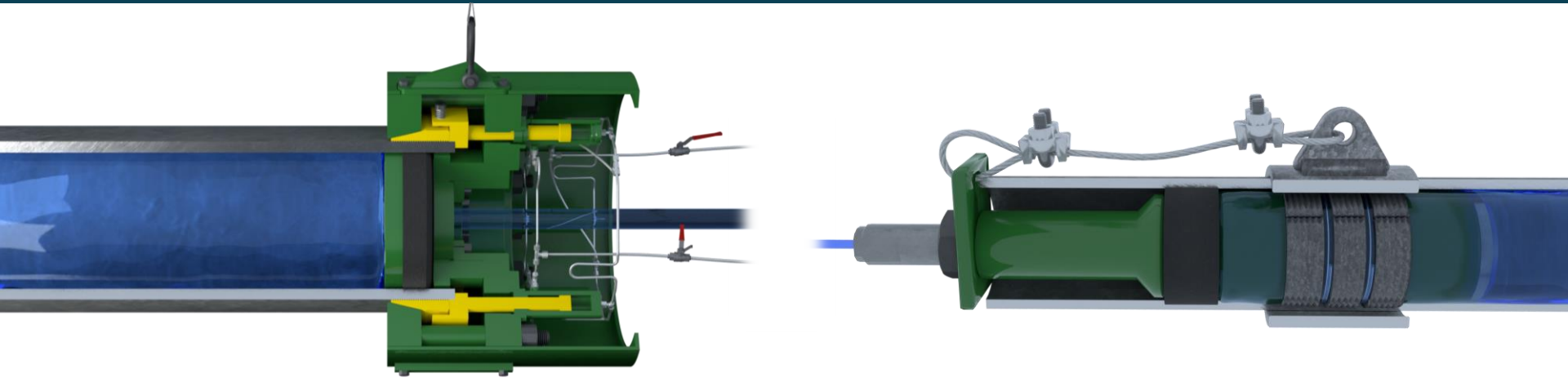


STATS GROUP
Managing Pressure, Minimising Risk

Benefits of Pipe End Plugs to Facilitate Pipe Spool Pressure Testing



- ❖ To strength test new pipework on a bridge link platform in the North Sea as part of a commissioning campaign
- ❖ Client was unable to use traditional methods for in-situ strength testing ie. Welding of blind ends complete with fill and vent ports
- ❖ Due to limited resources, time and cost constraints an alternative solution was required



- ❖ Internal and External Pipe End Plugs (I-PEP™ & E-PEP™)
- ❖ Size range ¾" to 42" covering a range of pipe schedules
- ❖ Hydrostatic leak and strength tests up to 350 bar as standard
- ❖ Hydraulically activated above 3" using a hand pump
- ❖ Through-port allows efficient fill / vent of the test medium
- ❖ Locks grip pipe and elastomer seal provides leak-tight pressure boundary
- ❖ Test pressure applies differential pressure across the plug keeping the locks and seals self-energised ensuring fail-safe operation
- ❖ Significantly faster to install and test, compared to traditional methods

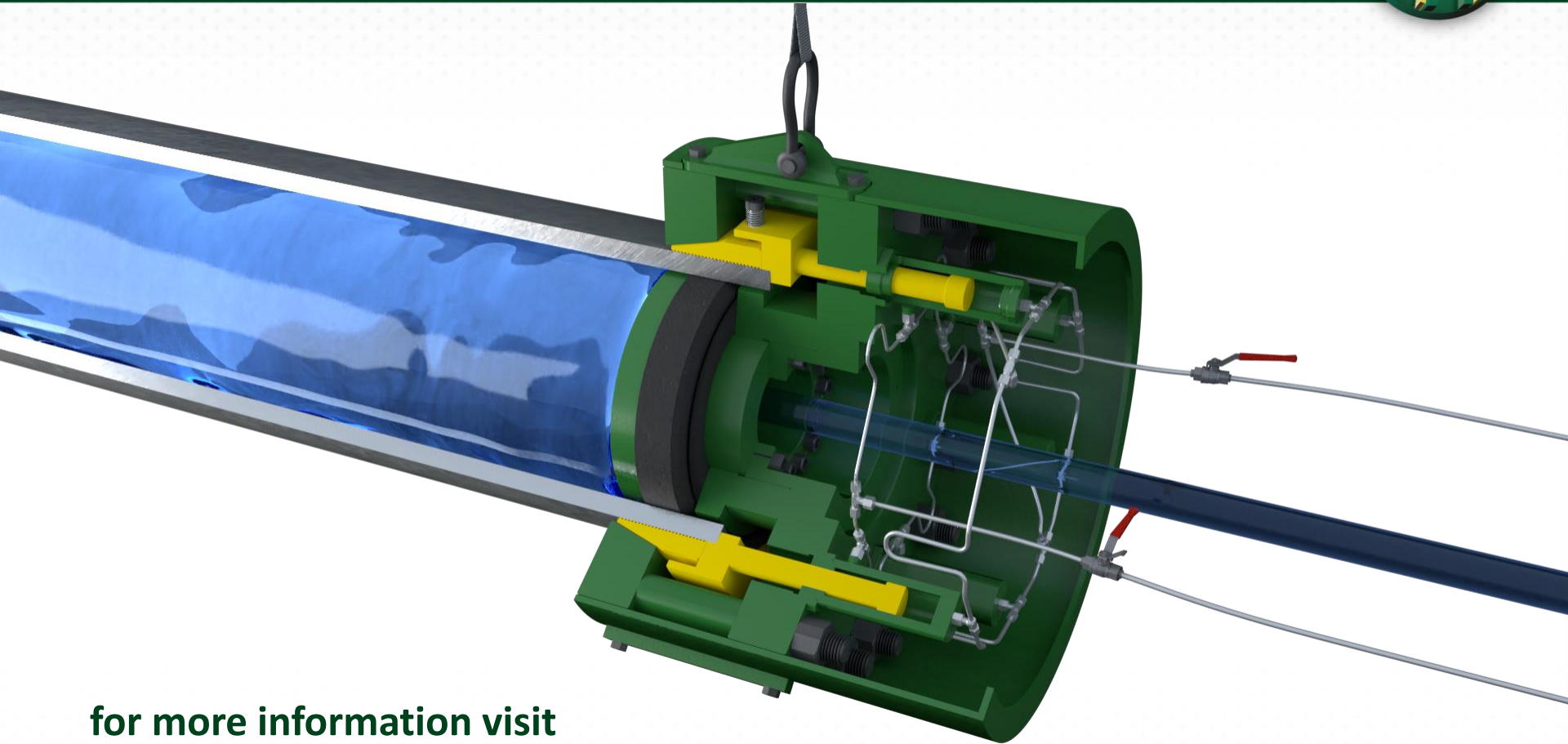


- ❖ 47 pipe end plugs supplied over a 16 month period (8 campaigns)
- ❖ Testing spool lengths up to 110 meters
- ❖ Test pressures up to 388 bar
- ❖ Duplex and Super Duplex material
- ❖ Provided client a safe, efficient and cost-effective means of carrying out commissioning activities



- ❖ Pressure testing of new pipework fabrications
- ❖ Pressurised pipe spool reeling activities
- ❖ Onshore and offshore applications
- ❖ Temporary end cap

THANK YOU FOR YOUR ATTENTION



for more information visit
www.statsgroup.com