

# SUBSEA

PRESSURE CONTROLS



SPC - TLB Presentation

**November 2022**



“Everything is under control”

## Our Technology

### The Wellhead Retrieval Clamp (WHRC)

Size's: 13 5/8", 16 3/4" & 18 3/4"

Profiles: Cameron Wellhead

Weight: ~ 1,200 kg

Safe Working Load: 200,000 kg



WHRC

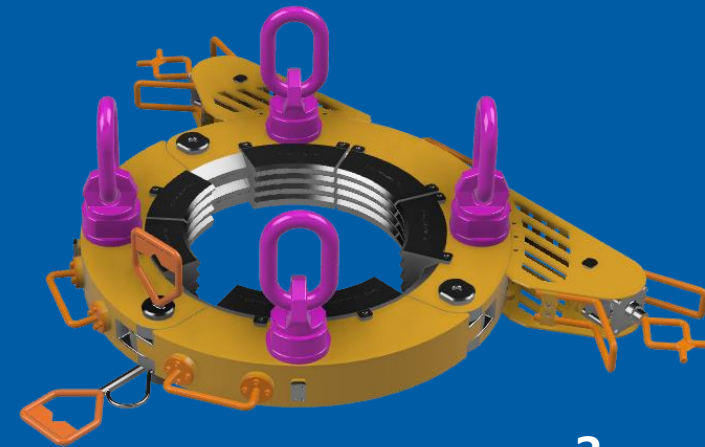
### The Universal Wellhead Retrieval Clamp (UWHRC)

Size's: 13 5/8", 16 3/4" & 18 3/4"

Profiles: Cameron & Vetco Wellheads

Weight: ~ 1,000 kg

Safe Working Load: 120,000 kg – 160,000 kg



UWHRC



How it Works:



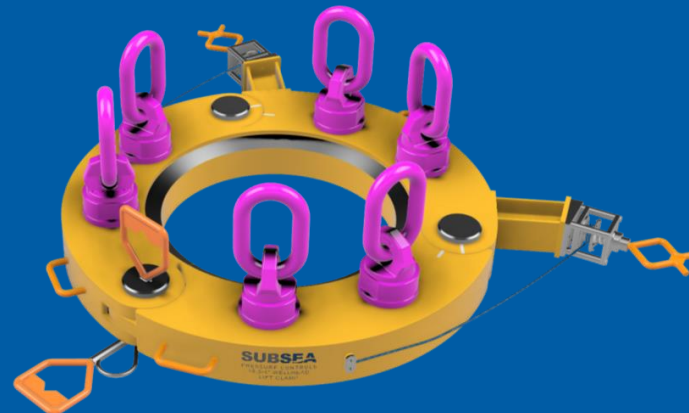
200 Te Wellhead Clamp  
Demonstration Video

## The Problems Solved By Our Technology

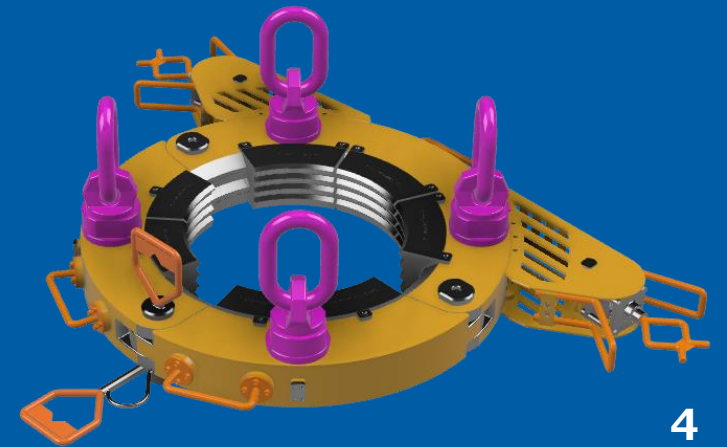
- Operational failure due to multi moving parts, & project time extension
- Budget growth with complicated, & large equipment spreads
- Engagement of personnel to operate equipment & moving parts, exposure to hazards
- Environmental issues with hydraulic operated equipment

## The Benefits of Our Technology

- Adaptability
- Multi-well retrievals
- Various sizes and profiles
- Non-hydraulic
- Diver-less (ROV Operable)



WHRC



UWHRC

# What Technology Do We Replace:

## Methods

### Slings



### Connectors & Lift Plates



### Hydraulic Lifting Equipment



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## Key advantages:

- To have a tool that is adaptable, cost effective with minimal maintenance, & ease of operation.
- Diverless operations – ROV operable.
- No Rig intervention - operation can be done from a construction supply vessel (CSV) equipped with a crane.
- No requirement for hydraulics resulting in a carbon footprint reduction due to smart manufacturing, minimal deck spread, & ease of logistical mobilization worldwide.
- Safe handling above and below surface.
- No water depth limitation.
- Rated lifting capacity up to 200,000 kg SWL.



Case Study with Operator:

“We contracted SPC to develop a tool to allow us to reduce our costs, enhance our safety and environmental processes, whilst aligning with industry standards. This was fully achieved during our Gulf of Thailand Campaign, Thank you to the SPC team and look forward to future technology developments in the next campaign.”

*Testimonial – Siriwat Hanjawanich  
(Chevron Project Manager)*

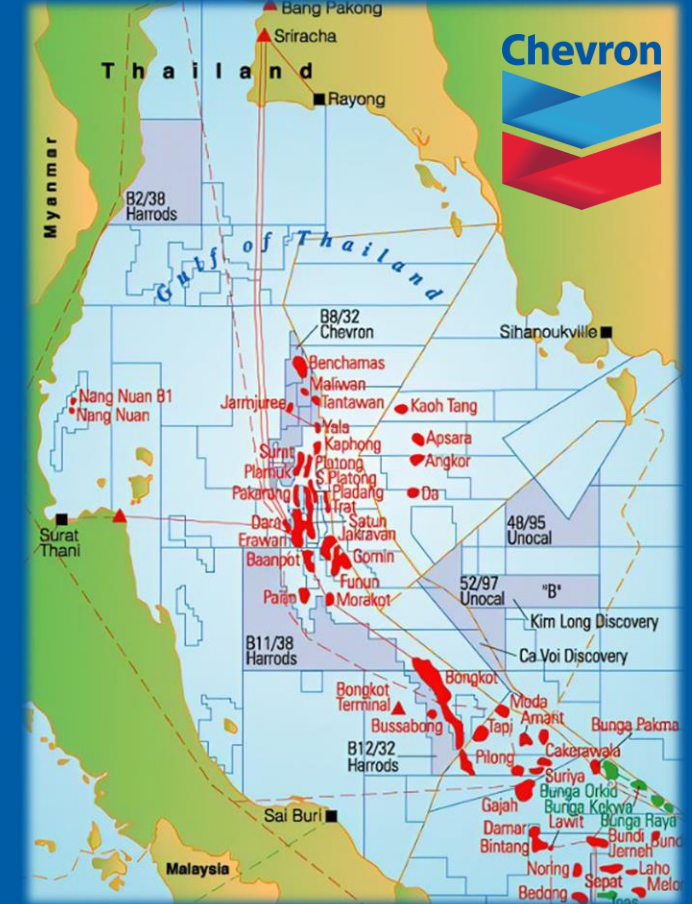
Fields: Dara, Satun, Bannpot

Water Depths: ~100 meters (300Ft)

Environmental Issue: None

Safety Issues: None

Cost / Efficiency benefits: 60%



## UK Facility

Subsea Pressure Controls facility in Aberdeen was established in 2019.

Relocated to 142 Sinclair Road, Orchard Towers in Torry, Aberdeen in January 2022 with office capacity of 620 m<sup>2</sup> and Covered Warehouse's 700 m<sup>2</sup> and a secure yard storage & parking of 3000 m<sup>2</sup>.

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