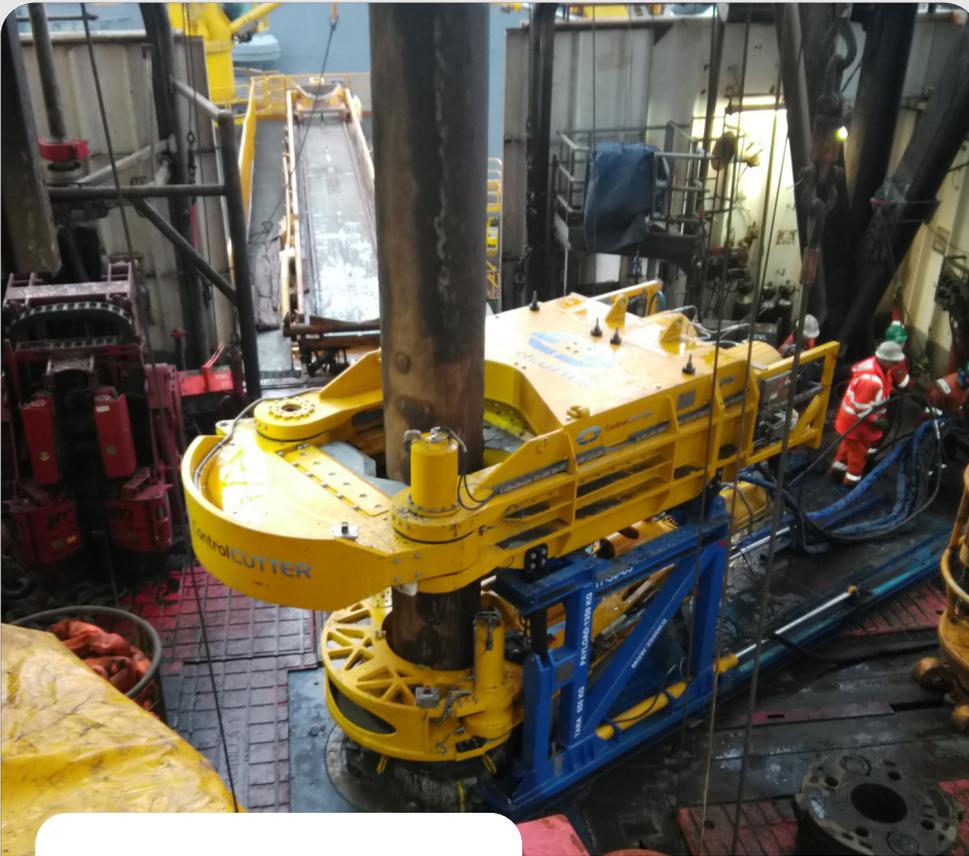


# Case Study

Successful completion of 9 well conductor recovery operation!



ControlCUTTER



## Overview

**CLIENT:**  
Well-Safe Solutions  
**Project:**  
Ketch Platform  
**CONDUCTORS:**  
26" x 13 3/8" x 9 5/8"

## Overview

**Control Cutter completed a 9 well conductor recovery project on the Ketch Platform for Well-Safe Solutions in the Southern North Sea.**

Utilizing the DecomCutter and DecomDart a 9 well conductor recovery was successfully completed in 11 days. The wells consisted of multistring conductors with a variety of conductor and casing configuration where most were fully cemented and some grouted.

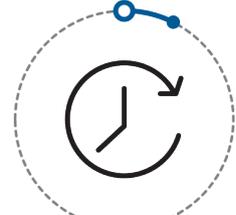
Well 1	Well 2	Well 3	Well 4	Well 5	Well 6	Well 7	Well 8	Well 9
26" - X52 - 1,5"WT	26" - X52 - 1,5"WT	26" - X52 - 1,5"WT	26" - X52 - 1,5"WT	26" - X52 - 1,5"WT	26" - X52 - 1,0"WT	26" - X52 - 1,0"WT	26" - X52 - 1,0"WT	26" - X52 - 1,0"WT
13 3/8" - ST95 - 72ppf	13 3/8" - K55 - 68ppf	13 3/8" - K55 - 68ppf	13 3/8" - ST95 - 72ppf	13 3/8" - N50 - 68ppf	13 3/8" - C95 - 72ppf	13 3/8" - P110 - 72ppf	13 3/8" - P110 - 72ppf	18 5/8" - X56 - 84ppf
9 5/8" - ST95 - 53,5ppf			9 5/8" - P110 - 53,5ppf		9 5/8" - P110 - 53,5ppf	9 5/8" - P110 - 53,5ppf	9 5/8" - P110 - 53,5ppf	13 3/8" - P110 - 72ppf

The 276ft conductors weighed approximately 80-90mT with a plan to section into 40ft pieces weighing 10-13mT for backload.

In total the DecomCutter completed 54 cuts and DecomDart 51 pins on the project. Control Cutter also supplied equipment for lifting and handling the conductors.

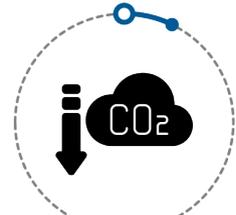
### Key benefits compared to conventional operation

CC: 10,3 hours  
Conv.: 143,7 hours



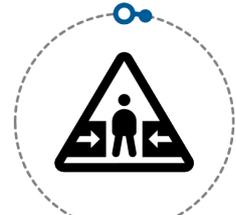
**133,4 hours**  
time saved

CC: 22,3 tons  
Conv.: 255,1 tons



**93%**  
CO2 emissions reduced

CC: 5  
Conv.: 214



**209**  
red-zone handlings avoided

# Case Study



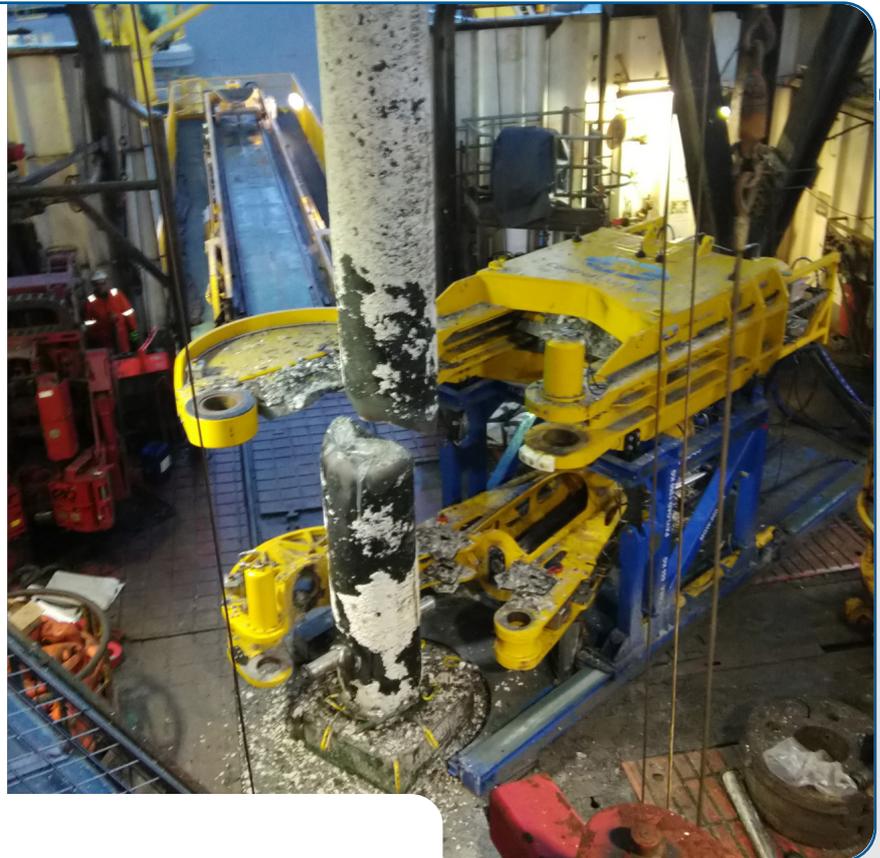
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## Background

The Ketch field produced from 1999 to 2018 when DNO decided to decommission the platform. DNO brought in Well-Safe Solutions to plan and execute the downhole P&A and Conductor recovery.

In line with Well-Safe's ability to offer a fully-integrated, Tier 1 well plug and abandonment service, Control Cutter was contacted to look into optimizing the conductor recovery scope.

Once the executing Jack-up rig was contracted, a site survey was conducted and plan for utilizing the DecomCutter and DecomDart was developed between Control Cutter, Rig Contractor and Well-Safe to ensure a safe and efficient operation.



## Operation

To optimize footprint of equipment, a frame and base was manufactured to enable stacking equipment on top of each other. The system is remotely operated, including the fully integrated skidding functionality for both tools which eliminates the need for any manual handling in between and significantly reduce the time spent in red-zone.

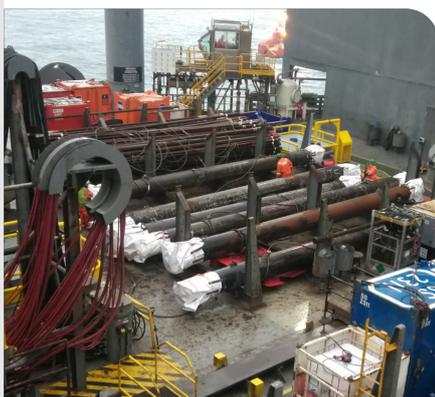
Once the equipment was rigged up all 9 wells were sectioned into 54 pieces in 11 days, including some waiting on weather and operational challenges. The operation was executed by a Control Cutter crew consisting of 4 technicians with excellent assistance from the rig crew.

Most of the pinning operations were carried out in less than four minutes while all cuts was done in five minutes on this heavy wall thickness configuration.



## Conclusion

The DecomCutter and DecomDart technologies successfully completed the 9 well project on schedule and with zero environmental or HSE incidents.



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