




# RESETTING THE STANDARD

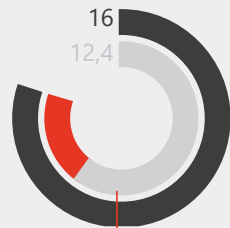


**TRIDENT® Anchor and Packer delivers a 23% efficiency gain on routine Cut & Pull operation**

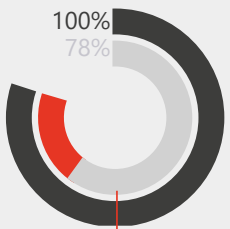
Industry Standard   
 Ardyne Operation   
 Customer Savings 



**1**  
TRIPS SAVED



**3,6**  
HOURS SAVED



**23%**  
EFFICIENCY GAIN

## TRIDENT System = 3,6 hours rig time savings on simple Cut & Pull operation

- RIH to 3 255 ft depth and cut 9 5/8" casing with TRIDENT Anchor set.
- Lifted casing 4ft to verify casing was free
- Released Trident and pulled up to casing hanger at 600ft
- Anchored Trident in 10 3/4" and set Packer with tension to circulate annulus fluid out of hole
- Recovered casing to surface

### THE OPERATION

The TRIDENT Single-Trip casing recovery system was deployed on a Semi-Submersible rig in the North Sea, to perform a routine cut and pull operation on 9-5/8" x 10-3/4" casing. The operation could have been conducted with conventional equipment in two runs, but the TRIDENT System's integrated and upgraded packer and anchor performed in a single trip, saving significant rig time even on this routine operation.

### CONTINGENCY FUNCTIONALITY

#### TRIDENT Anchor

1. No need to reposition marine swivel if additional cuts are required.
2. No spear space-out requirement for additional cuts if conventional spears were run

#### TRIDENT Packer

3. Ability for high pressure test in 9 5/8" with TRIDENT Packer
4. TRIDENT Packer seal in 10 3/4" allowing for annulus circulation

Casing hanger in rotary and another job well done

