

Whip winch AHC upgrade

Increased use of the whip winch in subsea operations



Active heave compensation (AHC)

Modifying or replacing the existing whip winch to include Active Heave Compensation will greatly increase the winches versatility. The modification also includes the very beneficial adjustable Auto Tension (AT) feature. By implementing this modification the whip winch can be used in subsea operations such as running tools and for other lightweight load handling.

Benefits:

- Smaller hook eases rigging
- Increased efficiency with high speed deployment and recovery
- Relieve main winch tasks hence reduced wear
- Higher load handling precision

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The whip winch specification after the upgrade will normally be:

- Lifting capacity will remain
- AHC speed: 2 m/s
- Heave peak to peak: ± 3 m
- Period: 10 second
- Auto Tension: 0 t to SWL adjustment

Replacing the whip winch entirely can additionally provide:

- Up to 3000 m hook travel
- Up to 40 t SWL

