

# MAN-O-WAR™ Remote Operated Top Drive Cement Head Far and Away the Best Option for your Operations



PRODUCT  
**MAN-O-WAR™ Remote Operated  
Top Drive Cement Head**

PRODUCT LINE  
**Well Construction**

BASIN  
**Norway, North Sea**

## THE CHALLENGE

Norway's largest operator needed urgent support for a plug abandonment cementing operation in the North Sea. The operation faced severe weather conditions, including high winds and rain and a highly specialized solution was required – quickly and reliably.

## THE SOLUTION

The operator tasked Innovex with providing a solution, and the team answered the call, delivering and deploying the operationally customized MAN-O-WAR™ Cement Head in just 7 days.

Innovex's NORSOX ATEX certified, fully wireless remote-controlled MAN-O-WAR™ Top Drive Cement Head is capable of operation across the globe. Its ability to be loaded and serviced offshore, along with providing the highest tension | pressure | torsion available in the market, separates MAN-O-WAR™ from the competition.

This configuration features a Remote Operation System that allows customers to operate equipment completely remotely, provides real-time equipment feedback – before, during, and after operations, and incorporates advanced safety features like position sensors to prevent human error during important valve operation sequences.

Deployed from over

**1,000 km**

Personnel savings of

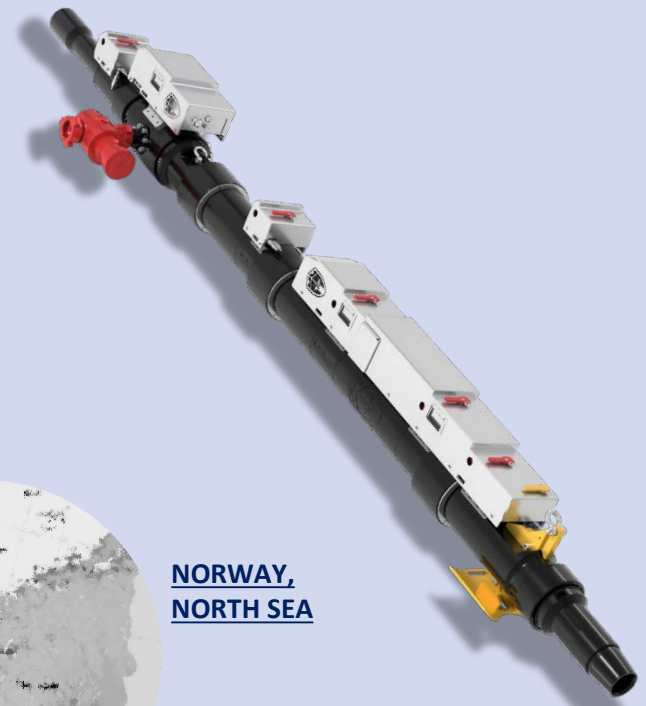
**\$33,600**

## THE RESULT

After sitting racked back offshore for 32 hours in standby mode, the system was brought online and executed flawlessly. From over 1,000 km away in Stavanger, Norway, the operator remotely deployed the top drive cement head.

The operation ran continuously for 10 hours at 20 RPM., with plug releases performing to spec and delivering clear, positive indications.

By executing remotely, the team eliminated personnel exposure on-site and avoided unnecessary rig-up complexity – cutting over \$33,600 in personnel logistics without compromising operational integrity.



**NORWAY,  
NORTH SEA**

