

CASE STUDY:

HP Cap Refurbishment & Life Extension

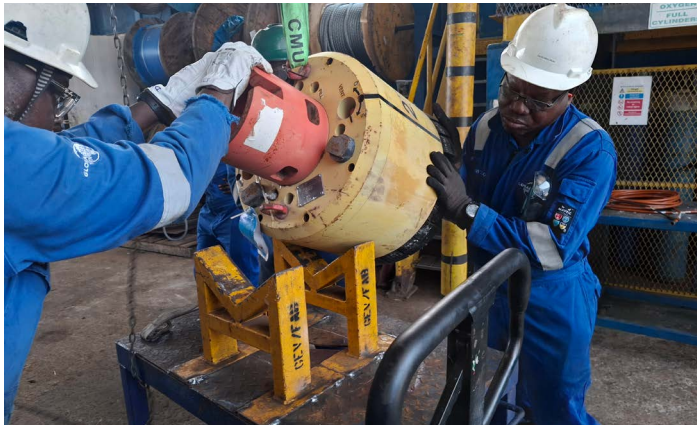


The Background

Ahead of an offshore drilling campaign, the client required a number of HP Caps for installing subsea.

The available units had previously been deployed and recovered from subsea, they were then required to be refurbished before they could be returned to service.

Due to the age of the equipment and associated obsolescence challenges there were a number of original parts that were no longer available from the OEM.



The Project

J+S Subsea was approached to develop a solution that would allow the existing HP Caps to be refurbished, tested and returned to service.

The scope included sourcing the required spare parts, developing test procedures and carrying out elastomer replacement and refurbishment activities in West Africa. J+S Subsea also worked alongside a local company to support pressure testing of the refurbished units.

Where components such as shear pins were no longer available from the OEM, J+S Subsea arranged for replacement parts to be remanufactured. Specialist tooling required to complete the refurbishment was also manufactured specifically for the scope.



The Results

The required quantity of HP Caps were successfully refurbished and pressure tested before being sent offshore for installation.

Following completion of the work, J+S Subsea provided the client with a detailed report documenting the refurbishment and testing undertaken, together with recommendations for the equipment.

Most importantly, the project provided a practical route around the lack of OEM support, allowing existing equipment to remain in service despite the obsolescence challenges.



Obsolescence managed



Legacy components remanufactured



Refurbished & pressure tested



Existing equipment life extended

For more information please visit our website: www.jands.co.uk

