

# World record for the longest real-time acquisition of multi finger caliper data on digital slickline

## CHALLENGES

- As part of an abandonment campaign, a North Sea operator required logging across nine wells for both well integrity analysis and suitable joint selection for barrier placement
- The full pre-abandonment phase involved mechanical wireline operations, data logging with Multi-Finger Caliper (MIT40) tool, and electro-mechanical punch and plug setting

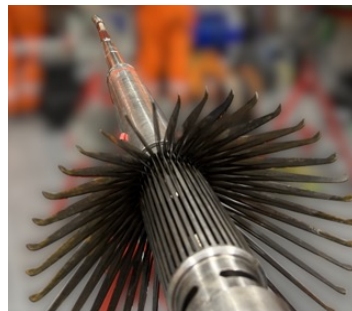
## SOLUTION

Digital Slickline was selected for this pre-abandonment phase versus a sequential slickline and electric line operation. This provided:

- Optimized POB with a multi-skilled crew
- Single rig-up of common unit and pressure control unit to carry out the full scope
- Bi-directional telemetry for real-time data comms and in-well toolstring control throughout

## RESULTS

- Logged a world-record 10,800 ft of continuous section using the multi finger caliper tool with real-time control and data read out
- Cumulatively, 19,920 ft of MIT40 data was logged during across all the wells from this phase of the campaign
- Reduced HSE risk and exposure to crew and operations
- Provided real-time quality control and data driven decisions across the entire operation



Multi finger caliper (MIT40)