

DRON & DICKSON

CABLE REPLACEMENT

Case Study





Dron & Dickson's highly experienced CompEx trained Project Managers and Electrical Technicians provide a complete end-to-end cable assessment, maintenance and replacement service for hazardous area equipment.

The Background

An international drilling company operating in the North Sea had an issue arise on a drilling asset concerning damaged multicore cables. The cables, associated with the Hydraracker unit and the rotational drag chain, were causing operational issues.

Due to their extensive experience installing, maintaining and replacing hazardous area cabling equipment, Dron & Dickson were approached to consult on a solution.

Dron & Dickson's highly trained technicians, after an extensive survey, ascertained that incorrect initial installation had caused damage to the cables during normal operation of the drag chain.

The Project

All existing glands, cables and associated materials were removed before installing new cables correctly within the hydraracker unit.

- Highly trained personnel with CompEx and IRATA skills were deployed to complete the project on time and within budget
- Dron & Dickson supplied all materials for the project including cabling, cable glands, cable markers/consumables and containment
- Ten multicore cables were removed, replaced, glanded, terminated, labelled, tested and commissioned
- Onshore engineering support was provided as standard

The Result

Upon project completion the asset had a fully functioning and compliant hydraracker unit and rotational drag chain. With the cabling now installed correctly, the project provided the operator assurance of ongoing functionality and predictability of future maintenance and associated costs.

Internals of the Drag Chain - After



Technician Terminating Cables



Marshalling Cabinet - After

