



Correll
GROUP

**TURNKEY
SOLUTION**

CASE STUDY

Princes Amalia Offshore Wind Farm IAC Cable Pull-in, Termination and Testing

PROJECT OVERVIEW

Jan De Nul awarded the contract to Correll to support them with the Cable Pull, HV and FO services associated with the Princes Amalia cable repair/ replacement project.

This is a turnkey project utilising Correll's Termination, Testing and Cable Pull-in services.

SCOPE OF WORKS

- Mobilising 20 Technicians and 2 Offshore Installation Managers
- Pre-project meetings
- Procurement of High Voltage and Fibre Optical materials
- Site visits
- Creation of RAMS
- Creation of quality documentation
- Project HIRA meetings
- Post Lay Testing (continuity, insulation resistance, Time Domain Reflectometry and Optical Time Domain Reflectometry).

On the offshore assets:

- Cutting of existing array cables ready for extraction
- Cable Pull operation.
- Stripping the array cables to expose the HV cores and FO cable
- Complete the permanent hang-off
- Route the HV and FO cable into the OSS/WTGS
- Cleat the HV cores from the hang off to the GIS
- Terminate and splice the FO cable into the cabinet
- Terminate power cores into the GIS
- Deliver an Inspection and Test Plan for the installed and tested system, forming part of key payment milestone.

ABOUT PRINCES AMALIA

Owned by Eneco, the 120 MW offshore wind farm is located on the Dutch Continental Shelf, approximately 23 km from the coast of IJmuiden in Holland.

At the time of construction it was the world's deepest offshore wind farm, constructed at a depth of 19 to 24m.



FURTHER INFORMATION

www.correllservices.com/projects or contact: enquiries@correllservices.com