



Subsea Cable Systems

Cable Consulting International can provide expert advice on all aspects of subsea cable system design, manufacture, installation and maintenance

The increasing trend towards bulk power transfer between countries is recognised as is the trend towards lower power connections to offshore platforms and from offshore windfarms.

Our expertise includes:

- the choice between ac and dc transmission
- system voltage optimisation
- power flow calculations
- continental connections
- engineering analysis
- island interconnectors
- offshore rig interconnectors
- supplier vetting
- specification writing
- enquiry preparation and response evaluation
- cable electrical designs
- cable mechanical designs
- cable manufacturing and processes
- cable testing techniques
- joint and termination designs
- cable landing site surveys
- cable laying procedures
- cable ploughing and burial techniques
- cable jointing at sea
- failure analysis
- residual life calculations

Desk-top studies, site visits, manufacture and test witnessing and installation supervision are all within our range of expertise.

If you would like further information, please contact our Systems Office using the information listed below.



Cable Consulting International engineers have the highest experience and expertise in all aspects of land and subsea power cable systems from 10kV to 550kV and beyond.

We have hands-on R&D, manufacturing, commercial, project management and installation experience and are the authors of over thirty technical papers.

Our experience of worldwide AC and DC cable system types includes oil-filled, gas-filled, XLPE, EPR, mass impregnated cables and gas insulated lines. We have in-depth knowledge of accessory design for both present and superseded designs. We have over thirty years of international cable system project management experience.



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