

Study Committee B1

PS1 : Technical challenges that have been overcome in newly installed underground and submarine cable systems

- Current state-of-the-art in the design of AC and DC submarine and underground traditional cable systems.
- Current state-of-the-art in cable systems installation techniques.
- Experiences of operation of cable systems.

PS2 : Key factors in current and foreseen development of cable systems

- Environmental impact.
- Balancing capital costs (including costs for Right of Ways) vs operational costs (including costs for operation and maintenance, social costs, losses, dismantling, etc).
- Prospects of UHV cable systems.

PS3 : State-of-the-art and trends for cable system testing

- Qualification, type testing, routine, sample, after installation testing of cable systems.
- Representation of installation and operational stresses in testing of cable systems
- Diagnostic testing of cable systems.