



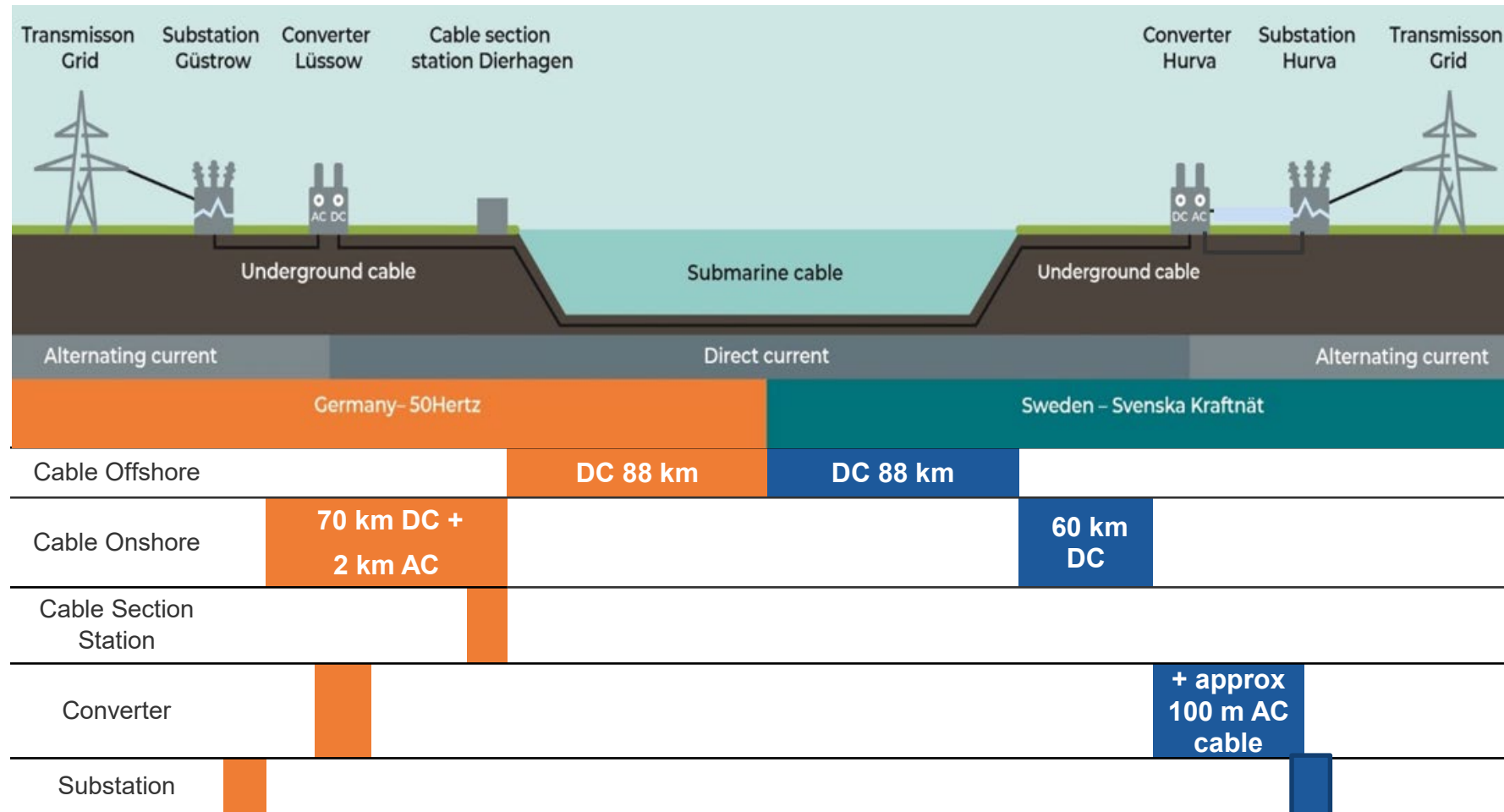
Hansa PowerBridge

RFI

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Overview of the total overall project



Main Technical Data

- Voltage Source Converter
- One symmetrical monopole
- Active Power: 700 MW
- DC voltage: +/- 300 kV
- AC voltage: Germany 380 kV, Sweden 400 kV
- AC frequency: 50 Hertz (Both sides – not synchronized)
- Extruded cable insulation
- The two submarine HVDC cables and a submarine FOC are bundled prior to laying. After laying the bundle shall be protected by burial or a rock berm
- Maximum water depth for submarine cable approximately 50 meter
- Underground cable in Germany installed in preinstalled ducts (ducts not in scope)
- Underground cable in Sweden installed directly buried.

Geographical Overview



Full system (left), Germany Underground cable route (right)