

Shore-to-ship power

Applicable standards

Shore-to-ship power standards

IEC / ISO / IEEE 80005-1, High Voltage Shore Connection

IEC / ISO / IEEE 80005-2, Communication Protocol

IEC / ISO / IEEE 80005-3, Low Voltage Shore Connection

Plugs & socket outlets

– IEC 62 613, Plugs & Socket Outlets

Voltage & frequency ratings

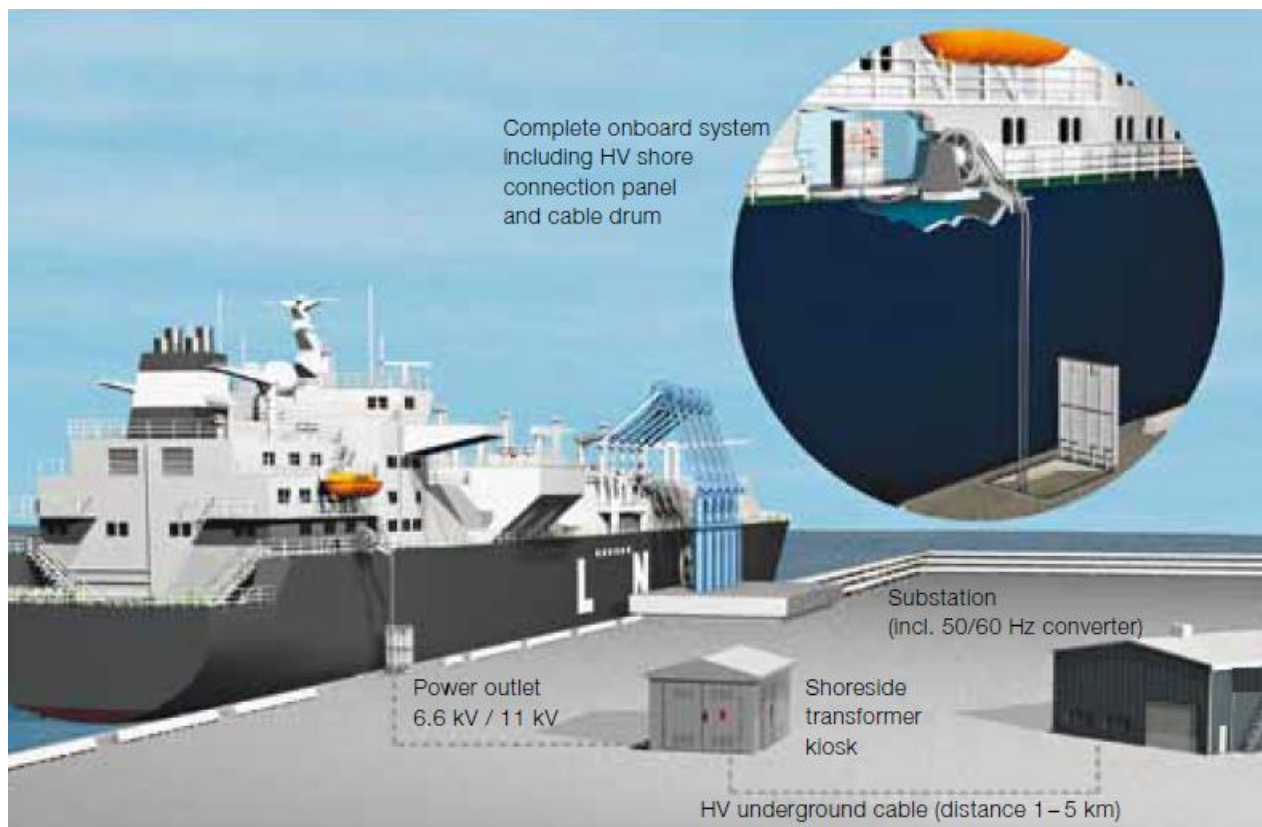
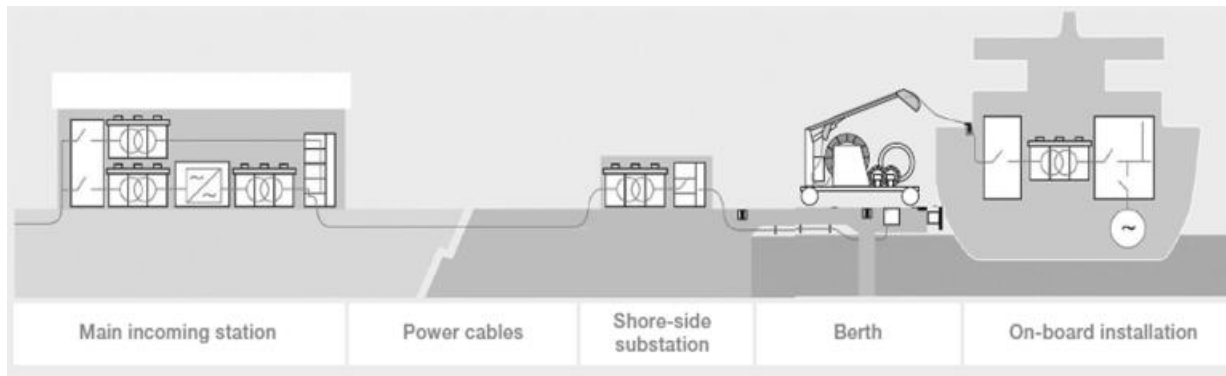
- Medium voltage : 6,6 / 11kV, (+ 6% / - 3,5%)
- Low voltage : 400 / 440V / 690V, (+ 6% / - 5%)
- Frequency: 50 / 60 Hz

Power ratings

- Medium voltage : up to 20MVA per vessel
- Low voltage : typical < 1MVA



Shoreside equipment-transformer and substation.-



Disel-electric propulsión and shore power system.-

