



# Offshore Platform Interfaces

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## North Sea

**Sector:** Offshore  
**Client:** Perenco UK  
**Value:** Various  
**Completion:** Various

Technicus Consulting's engineers have a wealth of experience in providing structural engineering and consultancy services for the design of offshore platform interface assemblies.

The interface projects typically comprise access and utility bridge structures spanning between a jack-up platform and fixed installations. Where bridge landing levels do not match, stair tower structures are provided.

Technicus Consulting's services include the following:

- Assessment of loads generated by interface elements and environmental factors;
- Verification of local platform deck structures under interface loads;
- Design of spreader frames and support grillages to support interface components and transfer loads to primary deck framing members;
- Design of deck fastenings for interface components;
- Design of interface bridges and stair tower assemblies;
- Production of interface general arrangement drawings and fabrication drawings for spreader grillage assemblies.

