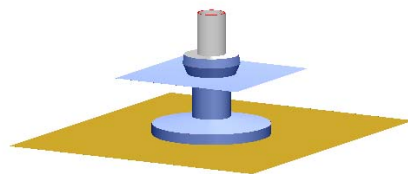
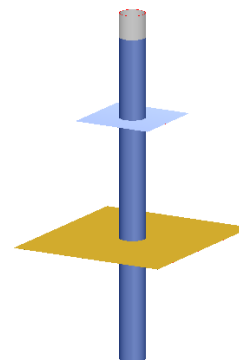


References

- Project:** Lynn and Inner Dowsing Offshore Wind Farm, United Kingdom
Foundations LOT 6 – Tender Design
- Period:** 2006
- Client:** Aarsleff - Bilfinger Berger
Joint Venture
- Short Description:** IMS - in joint venture with COWI Danmark - assisted the Aarsleff - Bilfinger Berger Joint Venture with tender design for monopile and gravity base foundation for 54 wind turbines located 6 - 8 km off the Eastern Coast of England.
- The total production capacity of the wind turbine farm is about 180 MW for turbine size 3,6 MW. The wind turbines are to be founded at 8 m - 14 m water depth CD.
- The services have comprised among others determination of wave and current forces, structural design for two locations with different water depth and soil conditions (ULS, FLS and SLS-Design), design basis, geotechnical design report, structural design report for monopile and gravity base as well as appurtenances and design of scour protection plus weight distribution of all structural primary and secondary steel members incl. tender drawings.



Typical gravity foundation



Typical monopile foundation