

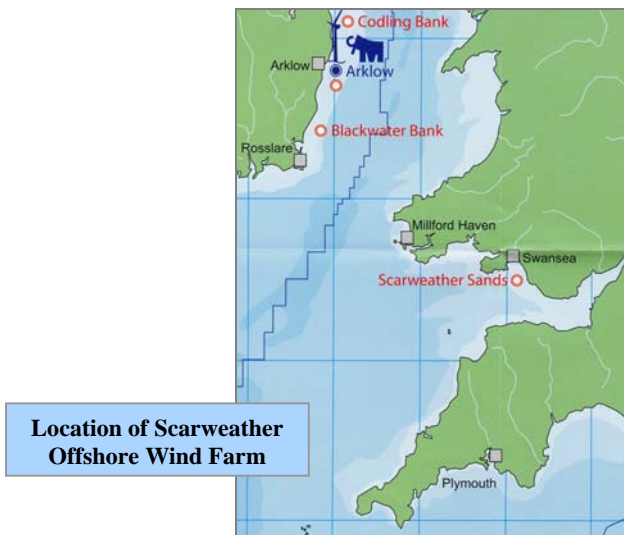
References

Project: Offshore Wind Farm Scarweather Sands, United Kingdom Foundations – Tender Design

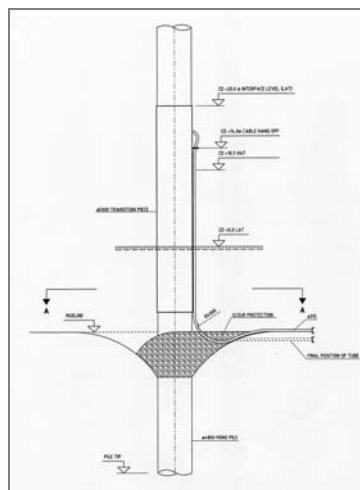
Period: 2005

Client: Aarsleff - Bilfinger Berger Joint Venture

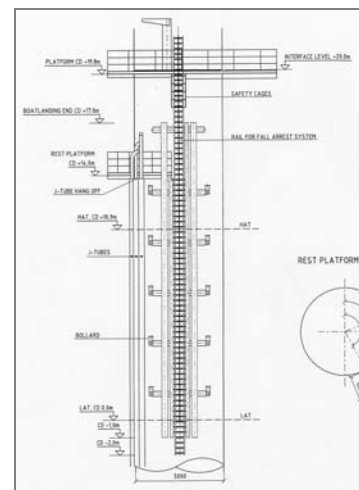
Short Description: IMS - in joint venture with COWI Danmark - assisted the Aarsleff - Bilfinger Berger Joint Venture with tender design for a monopile foundation for 30 wind turbines. The total production capacity of the wind turbine farm is about 108 MW for 3,6 MW turbine size. The wind turbines are to be founded at 5m - 16m water depth. 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), geotechnical design note, design report and design of scour protection as well as weight distribution of all structural primary steel members incl. tender drawings.



Location of Scarweather Offshore Wind Farm



Monopile as given by tender



Appurtenances as given by tender