

References

Project: OSB Offshore Bürger-Windpark Butendiek
Design of the Foundation Structures and Scour Protection

Period: 2004 - 2005

Client: F+Z Baugesellschaft mbH, Hamburg

Short Description: IMS was required to perform the following engineering services:

- Structural analysis and constructive engineering
 Implementation planning and design
 Design specifications and Design Basis
 Negotiation with certification body and Vestas
 Design of corrosion protection and scour protection
- Generation of design drawings
 4 to 8 groups for monopiles and transition pieces
 Technical equipment (cable intake, boat landing, platform, adjustment rig)
- Dimensioning and optimisation of scour protection (2 variants)
 Preparation of hydraulic scale model tests
- Engineering offshore transport and installation
- Technical documentation and process instruction.

