

References

Project: FINO 1 Research Platform North of Borkum Riff
Design and Implementation Planning

Period: June 2002 - November 2002

Client: F+Z Baugesellschaft mbH, Hamburg

Short Description: Design and engineering services by IMS:

1. Design of technical equipment

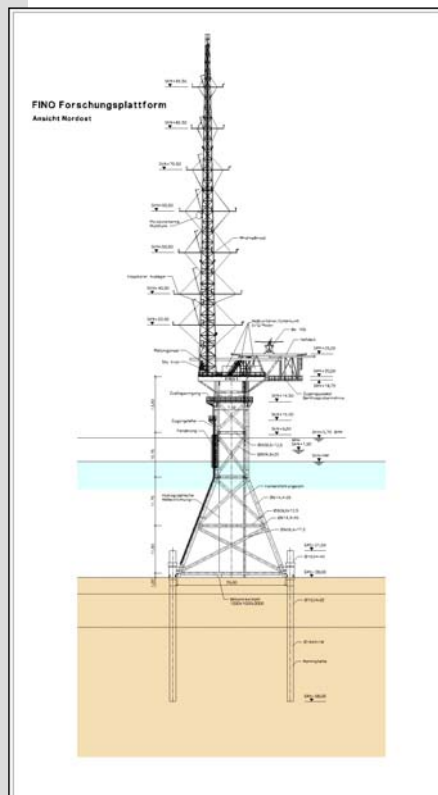
- Technical planning including health and safety aspects
- Equipment specification and deck layout
- Coordination and facilitating authorizations

2. Structural analysis

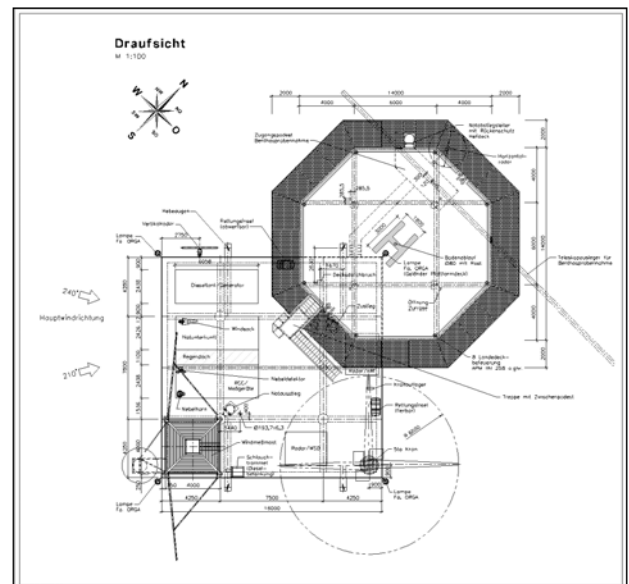
- Design specifications and load configuration
- Structural analysis and dimensioning of support structure, deck and wind measuring mast
- Strength and fatigue analyses of support structure
- Sequences of assembly
- Design drawings for certification

3. Electric and control engineering

- Electric balances and electro-technical calculations
- Circuit schemes and diagrams
- Coordination of participating.



Jacket foundation



Deck structure