



DEPENBROCK

REFERENZ HARBOUR CONSTRUCTION AND MARINE ENGINEERING

Expansion of large ship waiting area, Hamburg Finkenwerder



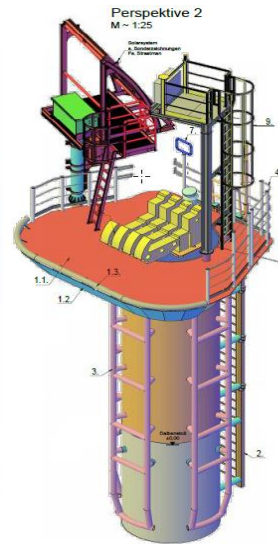
The joint venture between F+Z Baugesellschaft (TGF), Aug. Prien (KGF) and Taucher Knoth was awarded one of several alternative bids for the expansion of the Finkenwerder large ship waiting area. The berths are provided for the ships as waiting and emergency berths. In particular, the ships that can only sail on the Elbe in a given time window with large draughts depending on the tide are dependent on these berths. The complexity of the tender lay, among other things, in the fact that the complete draft planning, the bill of quantities as well as the statics had to be produced (Design & Build).

The full extension includes:

- Production of 6 new mooring dolphins & 8 new mooring dolphins using the drilling method
- Upgrading of the equipment of existing mooring and stiffened mooring dolphins
- Measures for the absorption of traction forces from springlines for ships larger than 400m
- Partial renovation corrosion protection at existing dolphins
- Elimination of defects found during building inspection

Dismantling:

- Dolphin berth A
- Floodlight system berth A
- Optional dismantling of the dolphin 121
- Dolphins 1C



Contract Value
~15,50 € Mio

Executed by:
F+Z Baugesellschaft
(ZNL der Hecker Bau GmbH & Co. KG)
(TGF der Arbeitsgemeinschaft)

Employer:
HPA Hamburg Port Authority AöR

Construction Period:
Nov. 2018 -. End of October 2019

Construction site:
Elbe vor Finkenwerder

Specifications / Main Quantities:
6 new dolphins Ø2000 mm
8 new mooring dolphins Ø2300 mm
1 stiffened mooring dolphin
Demolition works
Technical processing
Foundation Works
Steel construction / corrosion protection
Equipment
Explosive ordnance exploration

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