

# Marine Operations

## Offshore Lifting Operations

For the offshore windfarm Rødsand 2 and Sprogø, Eide Marine Services AS installed 90 gravity foundations. The foundations are installed at waterdepth of 6 to 16m and weight up to 1800t.

The gravity foundations were loaded on barges, anchored in the proximity of the offshore windfarm. The floating crane Eide Barge 5 lifted off the foundations, sailed to the installation position and positioned the foundation within a high accuracy on a prepared gravel bed.

**Eide Marine Engineering B.V** have been closely involved for the:

- Design of the lifting gear to adopt to the various foundation lay-outs
- Foundation lifting procedures (dry and submerged)
- Crane barge mooring procedures during lift off and installation

Client: joint venture Per Aarsleff A/S - Bilfinger  
Completed 2010

