

# Offshore Wind Foundation – Installation Survey

Horizontality of the transition Piece  
top flange



Assembling the TP for the offshore wind foundation demands high precision survey on the fly.

Parker Maritime is using a GPS and Glonass based heading system combined with special in-house developed software. An inclination measuring unit is installed to achieve the correct Roll and Pitch.

The Parker Maritime system enables real time monitoring of both systems online via telemetry on a computer during the installation of the pieces during positioning.

Heading accuracy is better than 0.5 degree and roll/pitch is better than 0.05 degree. Documentation is handed over immediately after each installation.

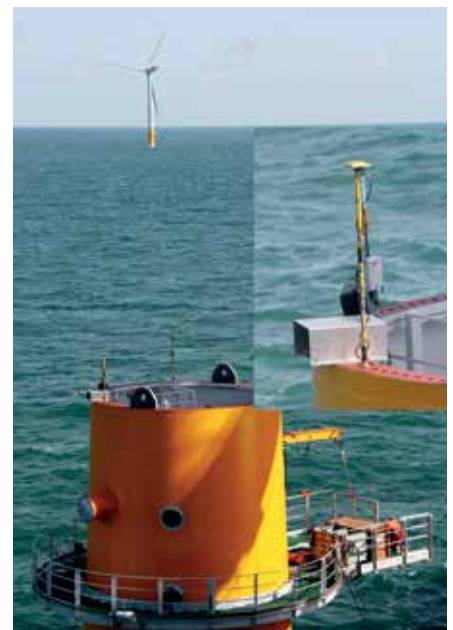


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## Key features

- Positioning
- Heading
- Roll/Pitch
- Crane monitoring



ENGINEERING YOUR SUCCESS.

# Installation of mono piles

Driving the MP into the seabed offshore demands precision survey on the fly.

Parker Maritime is using GPS/Glonass combined with total stations and special in-house developed software to achieve the correct position and elevation of the mono piles. The Parker Maritime system enables real time monitoring of Elevation, Heading, Roll and Pitch.

Online crane monitoring during Positioning and elevation accuracy always with 100 mm. Documentation is handed over immediately after each installation.



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