



Industrial Measurement

Construction assembly

Keywords

- Interfacing
- Monitoring
- Information
- Resources

Parker Maritime AS has for a number of years participated in many major development projects in the offshore sector. We have achieved the necessary competence for assembling heavy structures. Strict specification requirements have made it natural to follow the construction from the pre-assembly phase through the entire assembly operation.



Interfaces

For all such projects it is common that the interfaces on major sections are surveyed in detail. The results are evaluated to find if the sections will fit. Establishing reference points and a design coordinate system is a vital tool in achieving a successful result. This must be monitored throughout the entire production until the structure is completed.

These deflections have to be included into the final calculations. It is essential to measure and compare survey results with nominal values when heavy loads are transferred, as well as checking for obstructions.



Information

Information about potential complications will be continuous and accompanied by well arranged sketches, and reports, to ensure that the operation will

Monitoring

The most important task is to evaluate arisen deflections and calculated expected deflections the various sections will be exposed to through the assembly.

run smoothly without delay and increased costs. A final as-built report will be issued.



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