Offshore

Composite Fairing

Client: Safetec Nordic AS

Evaluate the use of composite materials in fairing plates on Tyra West.

- Establish a theoretical overview of necessary laminate thicknesses for different span lengths, different pressure loads and different in-plane loads.
- Principal design of composite fairings
- Material selection
- Evaluation of different fire protection solutions
- Documentation

FE-model used for analyses
Deformation plot

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