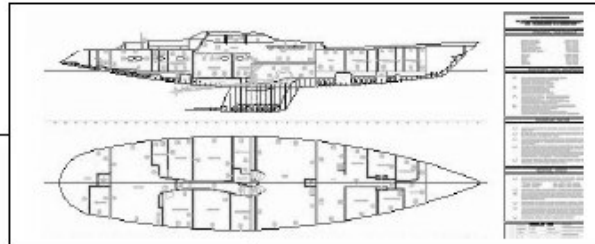
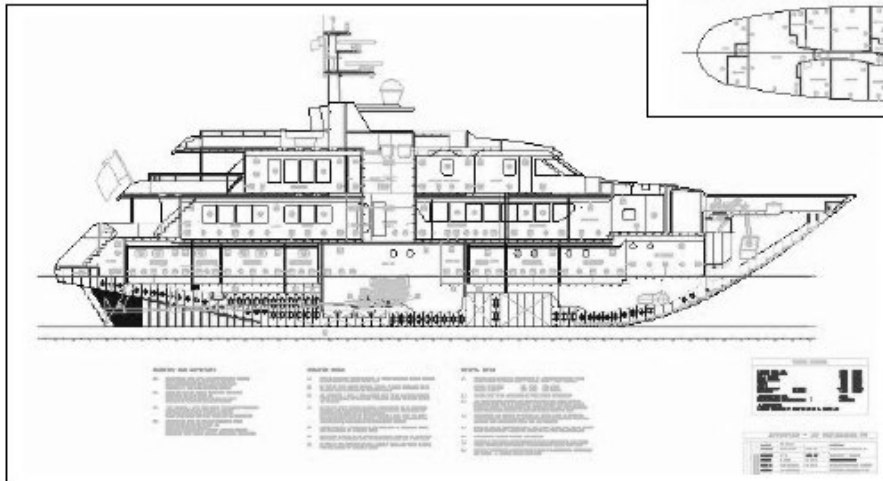


CAD Drawings

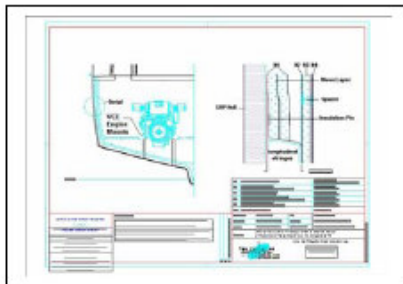
Insulation Plans
Structural Fire Protection Plans



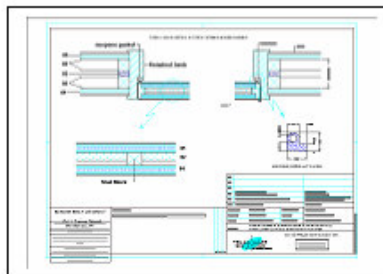
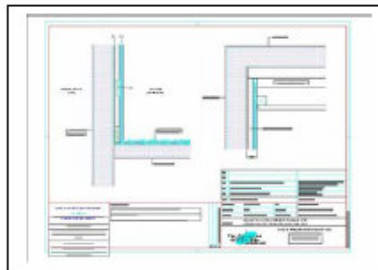
For every project, an extensive insulation plan is made in order to get a full and clear vision of all the yacht's insulation systems on one drawing.

Although for a full displacement yacht restrictions for weight are usually not applicable, the requests for lightweight insulation materials are rule rather than exception.

Detail Drawings



For every sailing or motor yacht, a detailed plan on all insulation systems is created.



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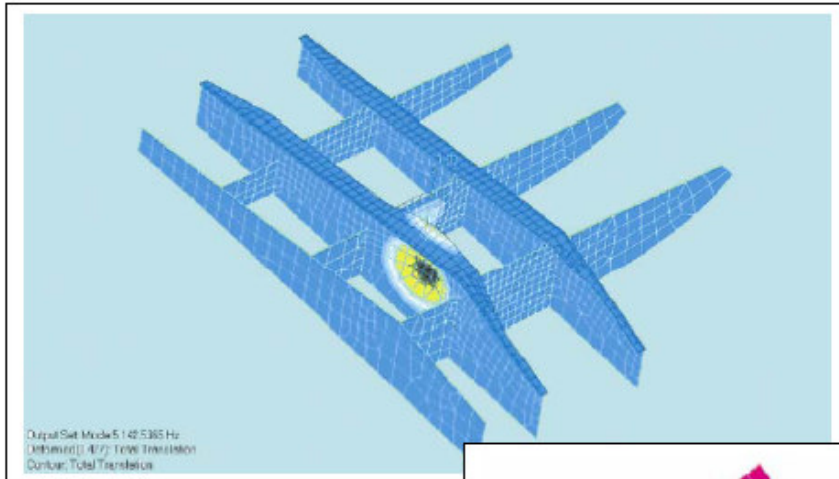
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Finite Element Method Analysis

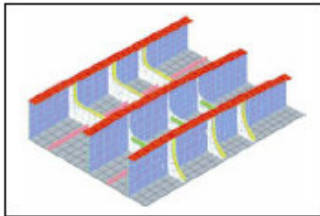
Engine / Generator Foundations • Axial and Whirling calculations • Deck segments & Bulkheads • Hull plating

FEM has its main application in the analysis of local structure elements.

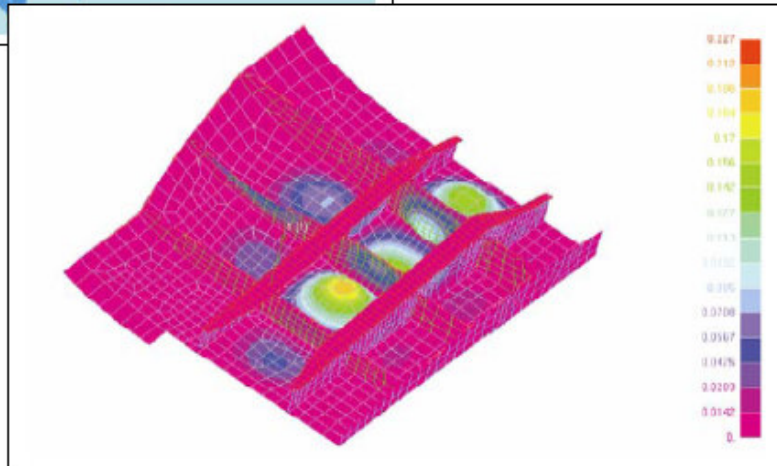
Considered are deck segments, including all stiffeners, stairs cutouts etc. In view of the isolation performance of floating floors, it is essential that the deck segments do not resonate. By interpretation of the calculation results it can be judged if additional pillars need to be added to the structure, and if so, what is expected to be the best location. In a similar way, bulkheads can be analyzed.



Examples of FEM Modeling to determine resonant "hot spots" and optimize beam and panel structure.



FEM Model of an engine foundation



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