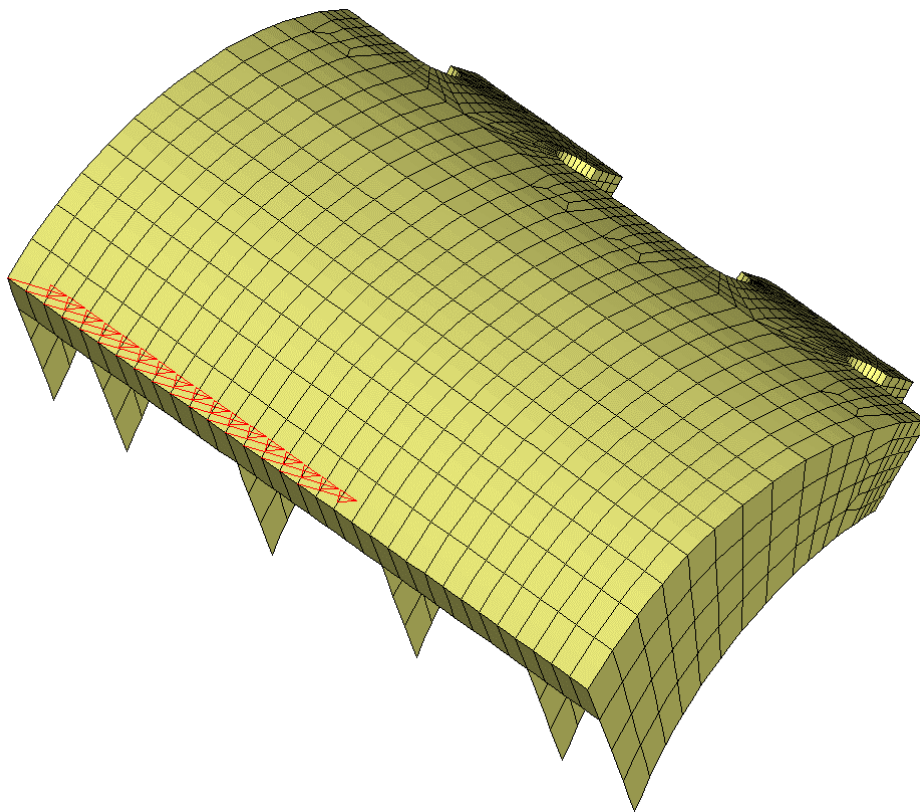


Design and documentation of saddle structure for flexible risers

Client: ABB Offshore Technology AS

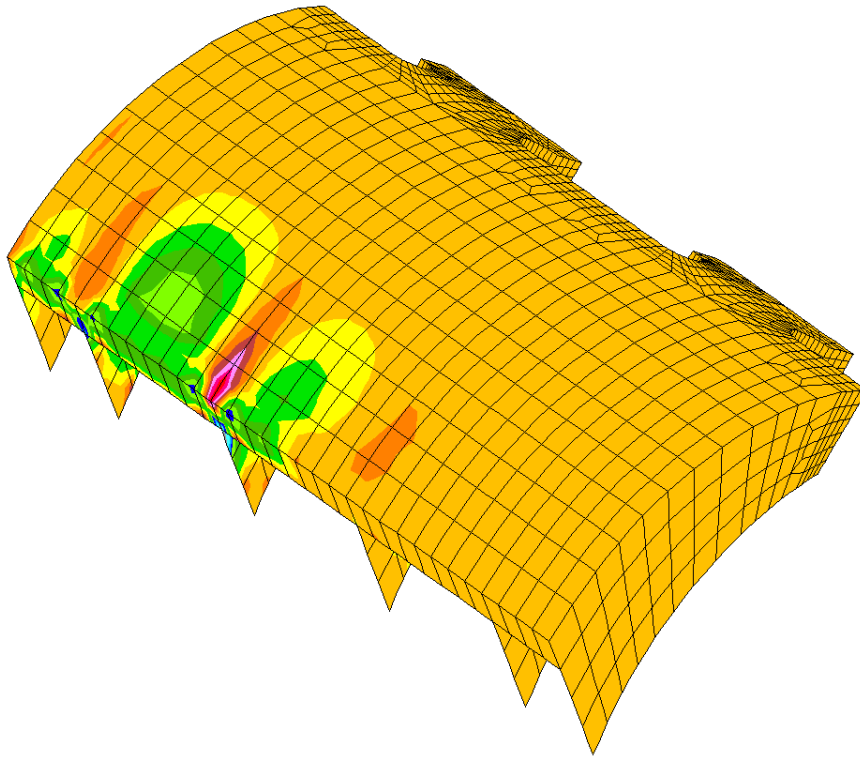
- Structural design of GRP parts
- FE-analysis of GRP parts
- Drawing of GRP parts



GRP Saddle structure FEM model with edge loading

Offshore

DISPLAY III - GEOMETRY MODELING SYSTEM (6.0.0) PRE/POST MODULE



EM FENDER LOAD
RC STATIC ANALYSIS OF TANK A1 & A2 (1.3 × 4 × DESIGN LOAD)

Composite layer stress plot from analysis