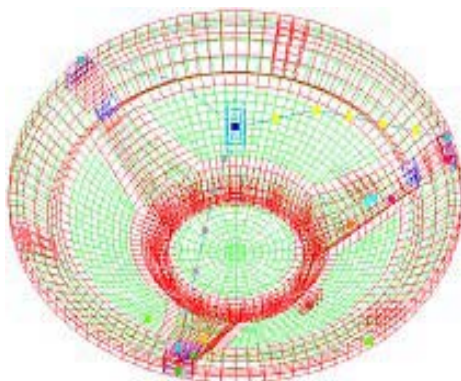


Structural design of IAS antenna in CRP

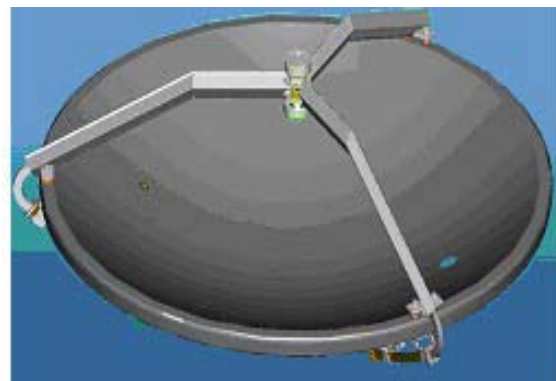
Client: Nera
CRP Yard: SelcoTek AS

To design a symmetrical parabolic reflector for use in naval environment

- Material selection and laminate lay-up
- Structural design including FEM-analyses of CRP parts and interface
- Analyses of environmental, handling, and shock loads
- Advising during production and during full scale tests
- Evaluation of test results



FE-model used for analyses



Design model showing antenna/feed syst.



The antenna (including pedestal) during full-scale tests