

MCMV test section

Mine Counter Measure Vessel, full scale test section "Grense Jakob" for testing of shock resistance.

Client: Naval Material Command Norway
Built at Eikefjord Marine

- Development of structural design, including design philosophy and calculation methods
- Selection of materials
- Development of structural details (beams, supports, attachments, joints, flanges, manholes/covers etc.)
- Establishing design criteria (loads and strength requirements)
- Strength analysis
- Shock response analysis
- Documentation
- Drawing package
- Inspection and supervision during construction
- Evaluation of non-conformance during construction
- Participation during testing (instrumentation, observation, repair)
- Concluding report on structural design of the composite hull based on the test results



FiReCo participated at tests. This is from the full-scale underwater explosion test