



Maracc Island Innovator

Drillship structure and -equipment



3D-model | Illustration: Multiconsult

Maracc Island Innovator is a semi-submersible drilling rig (GM4000) equipped with hoisting and drilling tower.

Multiconsult was responsible for detail engineering for Drill floor (height = 13 m), Setback-structure (height = 31 m), supports for the equipment like derrick, lifting cylinders and travelling equipment, heave compensator, riser tension system etc, Lifting lugs etc.

Design calculations includes ULS and PLS analysis, FLS analysis, FEM analyses of main nodes, hand calculations of details.

PROJECT

Maracc Island Innovator

PROJECT TYPE

Offshore steel, multi-disciplinary

LOCATION

CLIENT

Marine Accurate Well

TIME PERIOD

2007 - 2010

KEY NUMBERS

Drill floor: Height = 13 m | Setback-structure: Height = 31 m | Multiconsults assignment: 1840 tonnes

SCOPE OF WORK

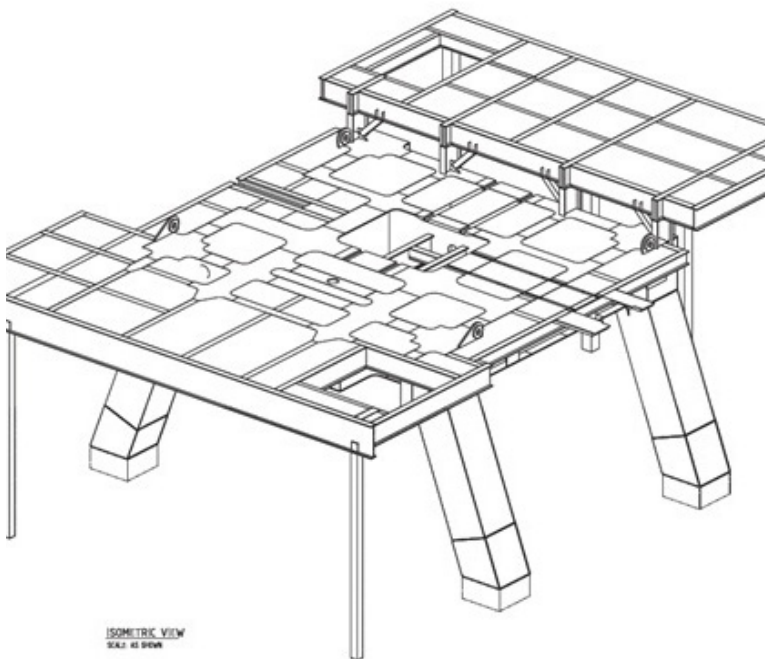
- Complete design
- ULS analyses
- PLS analyses
- FLS analyses
- FEM analyses

OUR SERVICES

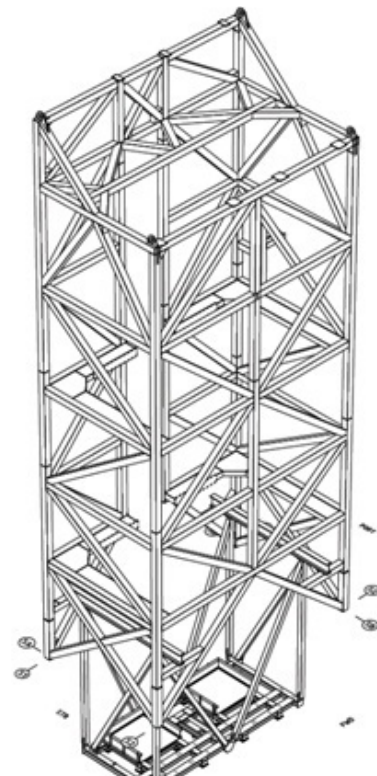
- Consultation
- Design
- Wind wall
- Upgrading earlier design
- Calculations
- 3D-modelling
- Design drawings

DISCIPLINES

- Offshore Steel



Drawing | Illustration: Multiconsult



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