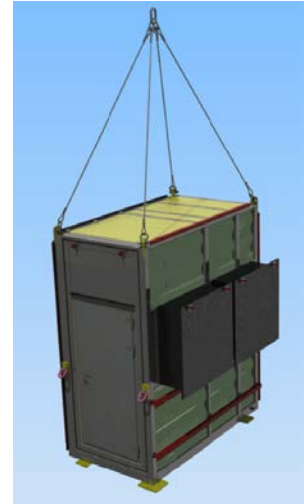
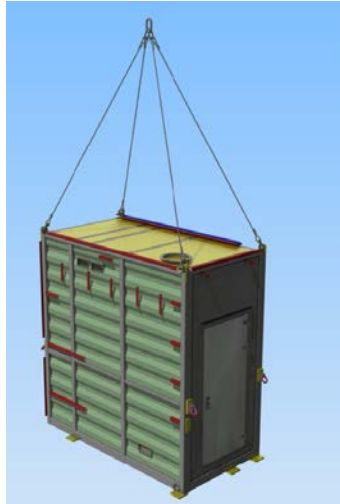
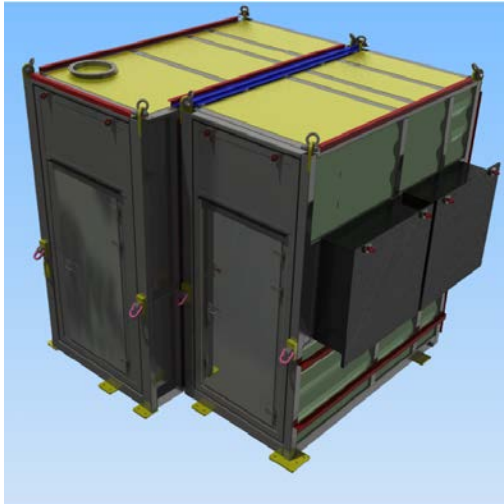


JOB REPORT



HIGH VOLTAGE ROOM - SKULD



Year : 2012
Project Name : Skuld High Voltage Room
Operator / Client : Statoil
ATC project no. : 2737

Size (L x W x H mm): 3200 x 3140 x 3200
Weight (kg) : 17,000 including all equipment
Materials : 4 mm Mild Steel, painted to NORSEK M-501
Classification : A0
Certification : DNV 2.7-3 for Portable Offshore Units

Project Description / Challenges:

The High voltage container was installed on the Skuld platform in the North Sea

Due to limitations of the platform crane capacity, the container was built in 2 separate sections which were bolted together on site with special mating flanges.

The container was designed to withstand a blast load of 25 kN/m² and each section was supplied with a heavy duty door type A60.

The containers were insulated with 50 mm rockwool insulation with galvanized and painted steel cladding.

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Scope of Work:

Trans Constructions scope of work included design development, layout and construction drawings, structural calculations, production of the containers.

In addition, a certified monorail was supplied in each section to assist installation and removal of equipment



The 2 separate sections nearing completion in the production hall



Transport had to be planned carefully due to the height of the containers