

# JOB REPORT



## DNV 2.7-1 Containers for rack and pinion rig

**Year** : 2016  
**Project Name** : DNV 2.7-1 Containers for rack and pinion rig  
**ATC project no.** : 3239.00

**Size (L x W x H mm):** 3 off 14' (LxWxH 4100 x 2438 x 3000 mm)  
1 off 20' (LxWxH 6058 x 2438 x 3000 mm)  
1 off 10' (LxWxH 3140 x 2438 x 3000 mm)

**Max Gross Mass:** 14' – 12 000 kg  
10' – 10 000 kg  
20' – 14 300 kg

**Materials:** Carbon steel  
**Certification:** DNV 2.7-1



14' - External view



10' - External view

### Project Description / Challenges:

For our client, ATC got the contract to supply 5 containers, certified according DNV 2.7-1.

4 off the containers were insulated and the walls and roof covered by acoustic foil and perforated stainless steel cladding plates.

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To ensure adequate air circulation and heat dissipation, all containers were fitted with large weather louvers in the walls and gates.

Due to noise requirements, custom designed noise attenuators were installed in all air inlet and outlets in the 14' containers.

## **Scope of Work:**

ATC`s scope of work for this project comprised engineering, procurement, construction, testing and certification of the modules.

The engineering encompassed structural calculations, design of architectural, equipment support and interfaces, as well as airflow and noise predictions.



14' - Internal view



20' - Internal view