

# JOB REPORT



## Weather Enclosures for Air Handling Units



**Year** : 2010  
**Project Name** : Service Jack 1 Rig - PLQ "Haven"  
**Operator / Client** : Master Marine  
**ATC project no.** : 2477

**Size (L x W x H mm)** : 6800 x 2420 x 3100 (Enclosure shown in picture)  
**Weight (kg)** : 5,050, 11,000 when all equipment was installed  
**Materials** : 3 mm Mild Steel, painted to NORSOK M-501  
**Classification** : A0  
**Certification** : Certified for Onshore lifting at yard

### Project Description / Challenges:

Due to extreme exposure to the weather, it was decided to build the external mounted Air Handling Units in watertight weather enclosures.

ATC designed and built the enclosures for 8 supply units and 6 extract units, each enclosure housing 2 Air Handling Units, mounted on top of each other.

The main challenge was ensuring the interfaces matched exactly and that once the enclosures were in place, it was still possible to fully maintain and service the units.

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## Scope of Work:

ATC's scope included design and fabrication of the enclosures.



The finished product, installed on the roof of the PLQ

