



AFLOAT REPAIRS

EPC solution for VRV AC units in only 5 days

CLIENT Anglo-Eastern
VESSEL MV Target
DATE December 2015
LOCATION Dubai



Overview

Anglo Eastern Group, leading and independent provider of ship management services to ship owners around the world, invited CTS Offshore and Marine to identify and provide an effective solution for the worn out AC units cooling the rider cabin.

It was observed that the heavy lift vessel encountered extreme weather conditions which had caused wear down of the AC units.

CTS evaluated the heat-load with respect to weather conditions encountered and presented client with suitable VRV system and work plan to ensure minimum downtime for complete installation, commissioning and testing.

Scope

CTS scope was to select, supply, install and commission the VRV units. Equipment supply and team of 6 was mobilised at short notice.

Our well experienced team led by our skilled HVAC engineer carried out below jobs in safe and efficient manner to finish within the time frame of 5 days.

- Fabrication and installation of foundation frame for the AC unit,
- Installation of DAIKIN VRV AC system with HEAT PUMP RMXS48LVJU + 5 INDOOR UNITS,
- Run the copper piping from the indoor unit to the outdoor units,
- Penetration for copper piping and cables,
- Control cable from outdoor to indoor,
- Supply and installation of 7.5kVa transformer with IP 55 casing with isolator switch and related cables and termination.

Result

With full support from the technical superintendent and vessel crew, we were able to complete the job in time, safely and with prolific result.

Client Feedback

The client was extremely happy with the way CTS executed the project.

Seeing the swift response from us, our client has given repeat order for the same job, this time on the STBD side.