



AFLOAT REPAIRS

CTS completes custom EPC solution within time

CLIENT Oil Major
VESSEL Jack-up Rig
DATE June 2016
LOCATION Dubai dry-docks



Overview

Our client called upon CTS to analyse and provide a solution for the HVAC issues faced on-board their jack-up rig. CTS provided expertise with certified personnel to give custom EPC solution within time.

- Transformer room : in the peak summer in UAE, the transformer room temperature was going higher than the safe operating conditions.
- Galley System : in the peak summer, outside temperature reaches 48C DB / 30C WB. With the existing system on-board the temperature inside the galley went up to 36°C.
- PLC Room : cooling was not sufficient, on inspection found rusty and several damages on the condenser fins which obstructed the optimum heat exchange.

Scope

- CTS provided a new sea water cooled packaged AC unit and a new duct was connected to the transformer room.
- CTS provided new condensing unit for spot cooling purpose in galley and improved the room temperature by 10°C.
- Condenser unit replaced in order to achieve sufficient cooling for the PLC room.

CTS provided CARRIER certified personnel with the special equipment to connect to the PLC system. This was critical for troubleshooting and onward adjustment of parameters to achieve desired results.

Result

The works were completed and tested to the satisfaction of the C/E well within time and in concurrence to the other ongoing shipyard works.

Key Figures

- Manpower: 4-5 men team
- Number of man hours: 2500
- Project duration (in days): 60
- Overall Dimensions: 335 ft long x 260.5 ft wide x 31 ft deep
- Legs: 3 x 548 ft. long; Triangular
- Drafts: 21 ft
- Accommodation: 120 persons
- LTI's accidents: 0
- Near misses: 0

Client Feedback

We are very satisfied with the effectiveness of the CTS team.