



AFLOAT REPAIRS

Cost-Saving Solution Keeping Vessel Operating with no Downtime

CLIENT Maersk
VESSEL Mette Maersk
DATE February 2016
LOCATION China & Europe



Overview

Maersk, one of the world's largest container shipping company, called CTS Offshore and Marine after one of its vessel was grounded in Suez canal which caused huge deformation on the bottom plates, frames and bottom longitudinal to the length of 60 meters. Tanks affected NO 4, No 3 double bottom and Void Space. 20 MT of steel needed to be replaced in way of the frames and bottom longitudinal. CTS Offshore and Marine were given one day notice to deploy 10 men team to do the repairs.

Needless to say the team required highly skilled workers in order to achieve the project safely and within target dates set by the owners.

Scope

On arrival, the team inspected the area and setup a plan to execute the repairs. The challenge was to transfer the plates Hold No 3 and No 4 to double bottom tank with limited entry points and safely run all the OxyAcetylene and Co2 hoses from the main deck to the cargo hold.

With the client's consent, CTS Offshore and Marine cut technical openings every three space frames and created a safe corridor between the main entrance of the tank and frames location that needed repairs.

About 20 Metric Tons of steel was renewed that consisted of 20 Frames and bottom longitudinal Repairs using MIG/MAG welding by our highly skilled welders.

Result

All works were completed safely, in-time and to the satisfaction of ABS and owners. Overall project was rated excellent by the clients who saved 20% on time due to solutions provided by CTS Offshore and Marine.

Client Feedback

Our customer let us know they were very satisfied with the quality of work and CTS workers experiences and skills.

They highly appreciated the safety standards maintained throughout and assistance provided to ensure smooth cargo operations during the length of the repairs.