



# AFLOAT REPAIRS



## In-Situ Funnel Modifications Completed in Harsh Weather Conditions

### Overview:

A leading ship management company approached CTS to modify their container ship's main engine and scrubber uptakes to ensure compliance with commercial air draft requirements. However, the vessel could not be stopped to carry out the repairs as this would require the vessel to be off-hired; this presented a challenge as the project involved heavy equipment to be lifted and all work to be executed at sea in harsh weather conditions. However, CTS quickly devised a plan of action to guarantee that the work was completed safely and efficiently.

### Scope of Works:

CTS provided a team of experienced riggers, fitters, and certified welders to carry out the modification works on the ship's two funnel uptakes. All work was executed at height and required a safe staging framework to access the work area. Our team implemented electric chain hoists and fabricated custom frames to assist in lifting the heavy equipment. The CTS team also constructed a temporary shelter to cover the work area and protect the crew and equipment from the weather.

### Result:

The team carried out the modifications as per the owner's and Class requirements while ensuring HSEQ standards were met throughout the process. CTS's vast experience working in harsh environments in-situ enabled our team to overcome the challenges faced on board. By streamlining all work processes, CTS ensured that the project was successfully completed on schedule.

**CLIENT:** Ship Management Company

**ASSET:** Container Ship

**DATE:** Jan. 2021 - Feb. 2021

**LOCATION:** Voyage Repair

1000  
MANHOURS

5  
PERSONNEL

23  
DAYS

0  
ACCIDENTS

### Client Feedback:

*"Excellent work and high safety standards demonstrated by the team. We couldn't have asked for a more professional team. Well done."*

*-Technical Manager*