

DRY DOCKING JOBS OF 27.40 MTR X 7.30 MTR TUG



PROJECT DETAILS:

Title : DRY DOCKING JOBS

Location : DUBAI MARITIME CITY

Vessel : SHABAHANG 14 (7397191)

Length : 27.40 M

Breadth : 7.30 M

Draft : 3.20 M

GRT : 157 T

Tugboat **SHABAHANG 14** arrived in Dubai Maritime City on July 21, 2022, to undergo dry docking jobs with **NORDMARIN LLC** as the main contractor. 26 days on the dock and close to a month on wharfage enabled Nordmarin to carry out various drydocking jobs including a challenging Main engine (2 nos) replacement job. Nordmarin's experienced mechanical, fabrication, rigging, and electrical team ensured existing engines were rigged out after having cropped out a portion of main deck, disconnected pipelines and removal of shafts. 2 new CAT 3512 were rigged in after designing and fabricating new foundations. Associated pipelines were modified to suit new engines. Keel cooling system was also modified to suit the cooling requirements of the new engines. Propulsion system including shafts, propellers and rudders were taken out to carry out calibration/alignment/repair works including SS cladding of both the shafts. Laser alignment was carried out between the new shafts and engine. Shaft bearings were changed and new Thordon bearings were installed to ensure vessel functions at maximum attainable capacity. The vessel also underwent regular drydocking jobs including blasting/painting, valve overhauling, anode replacement, pipeline renewal, steel renewal, tank cleaning and preservation.

SHABAHANG 14 undocked on August 26, 2022. After all jobs were completed to the full satisfaction of the client, vessel sailed out from Dubai Maritime City on September 26, 2022.



BEFORE



AFTER