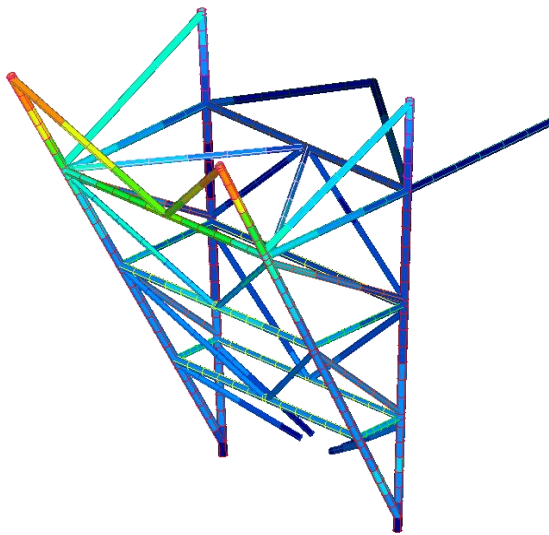
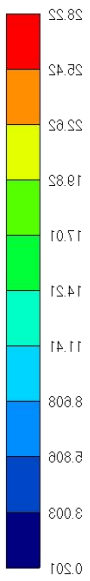




Following the purchase of a helicopter deck for MV FAIRPLAYER, DOI was asked to design a support structure and the necessary belowdeck reinforcements. The scope of work included basic design plans and calculations of the following components:

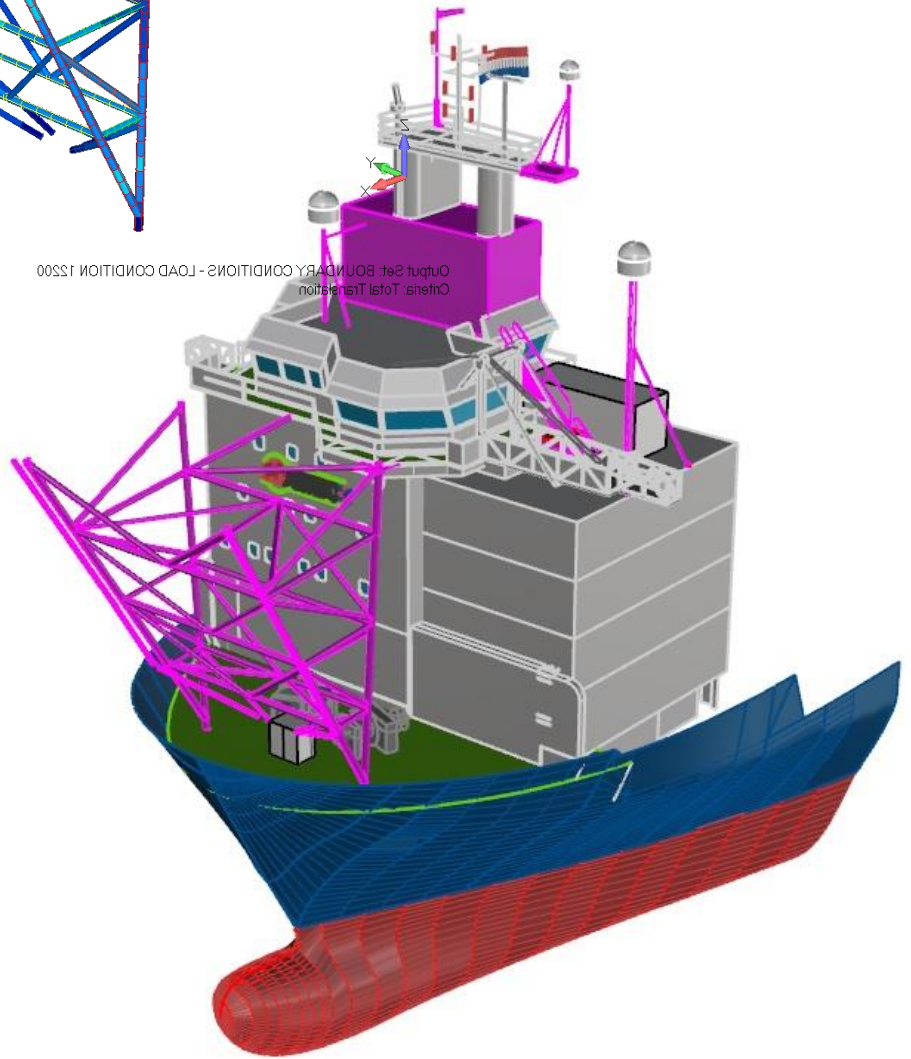
- general layout
- escape route layout
- helicopter waiting room layout
- tubular helideck support structure frame structural plan
- below deck reinforcements structural plan
- helideck drain pipe
- helicopter waiting room structural plan
- access stairs from wheelhouse deck to top deck
- antenna mast structural plans for 3 nos satellite communication dome
- radar mast extension
- update of safety and fire fighting plan
- update of navigation light plan

for the tubular support structure a Finite Element Analysis was carried out. Throughout the project, DOI supported JUMBO in communication with the Classification Society to ensure a smooth approval process.



V: FEAB by Femtec

Output Set: BOUNDARY CONDITIONS - LOAD CONDITION 12500
Criteria: Total Translation



©Copyright Dutch Offshore Innovators BV. This document and its contents are the intellectual property of Dutch Offshore Innovators BV, and as such this document and its content, or any part thereof, may not be made known, be copied, or be multiplied or in any other way used without the permission of Dutch Offshore Innovators BV.

DUTCH OFFSHORE INNOVATORS

Kratonkade 748
 3024 EX Rotterdam
 THE NETHERLANDS
 Telephone: +31-108414390/+31-611118642
 Email: info@dutchOI.com