



Rig Name: Harvey H. Ward

Rig Type: Jack -up

Owner name: Transocean

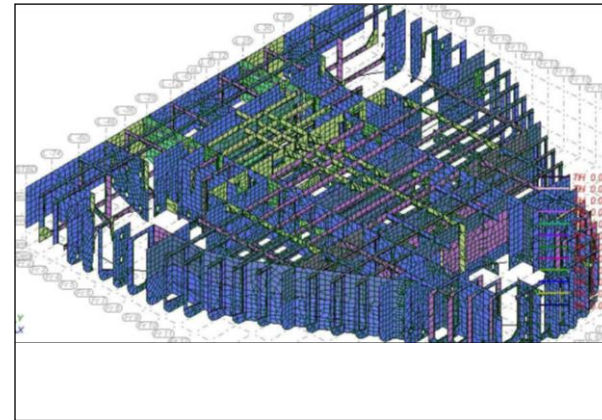
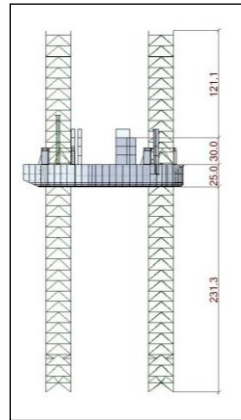
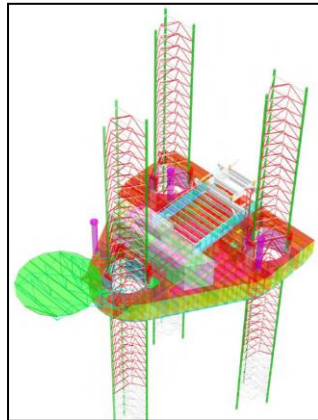
Classification Society: ABS

Pertinent code: SNAME

Code design: ASD

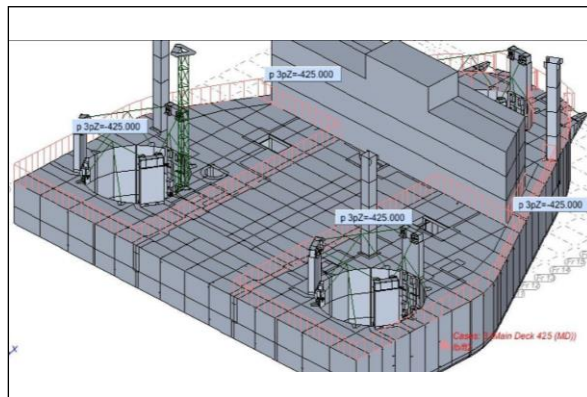
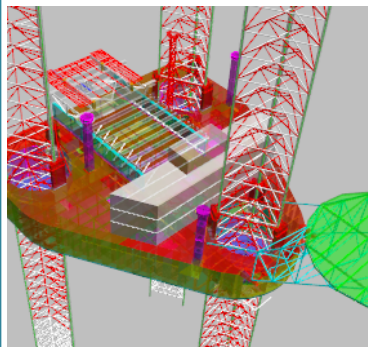
Project description: Jack-up global strength analysis has been prepared to demonstrate that after accounting for wasted areas the jack-up hull is structurally adequate to withstand the maximum survival environmental criteria noted in the Operating Manual.

FEA Model

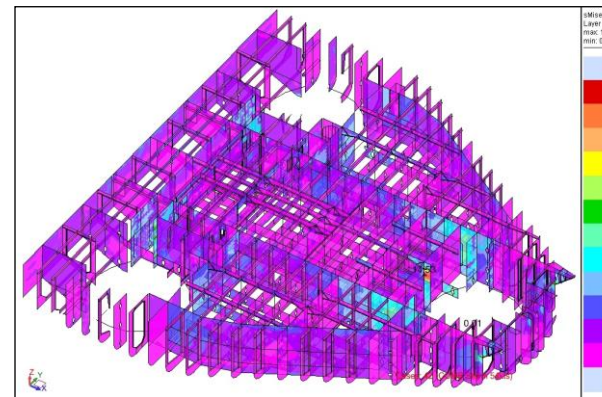


Loads

Click below to see model 3D!



Stress Plot



R.E. scope of work was preparing stress analysis of hull structure for survival storm condition and compare results between as-built plate thicknesses and wasted plate thicknesses (15 % less).

The main plating (main deck, bottom deck, side shell, internal BHD, stiffeners and beams) was also checked per applicable ABS minimum scantling requirements.

Engagement Condition
Upload your problem to us and give us relevant input to allow us to resolve your problem, we will need:

1. As built of structure to create 3D FEA model.
2. Static and environmental loads.
3. Wasted area of structural elements.

Get Adobe Reader
To view 3D documents



Key word: Rig Engineering, Harvey H. Ward, Jack-up, wasted, FEA analysis.