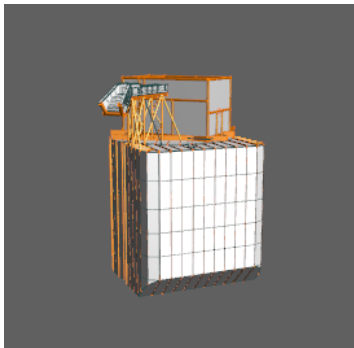




**Rig Name:** Ocean Nomad  
**Rig Type:** semi-submersible  
**Owner name:** Diamond Offshore

**Classification Society:** ABS  
**Code design:** ASD  
 (WSD method)  
**Operator:** Xcite Energy

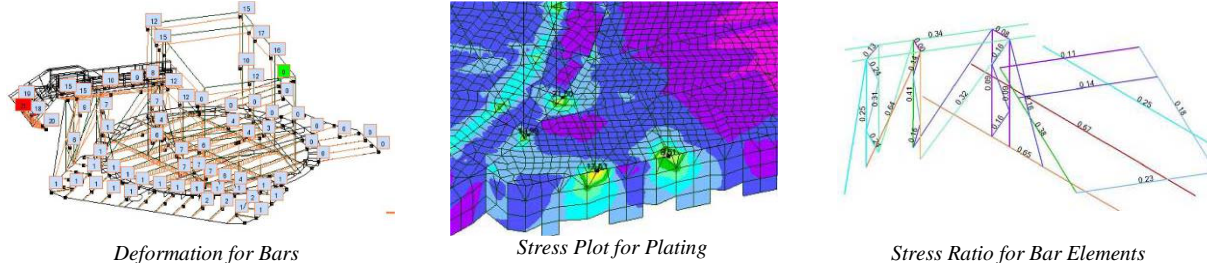
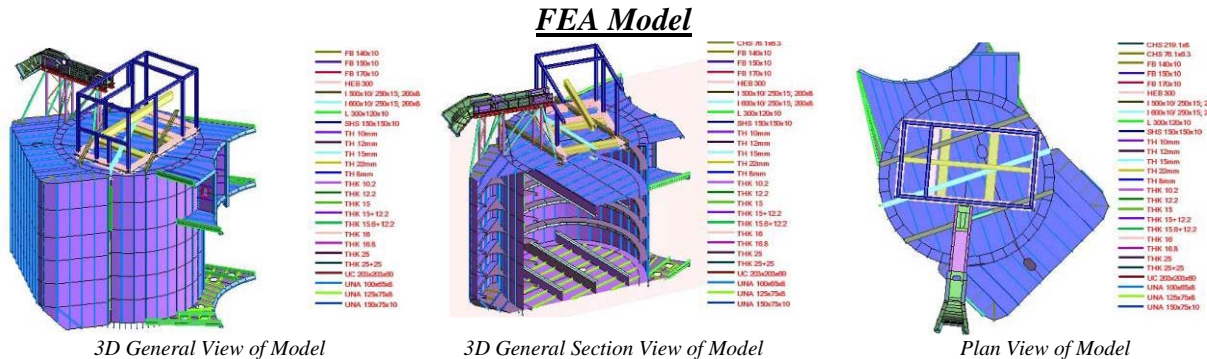
**Click below to see model 3D!**



Get Adobe Reader  
 To view 3D documents



**Project description:** Rig Engineering (RE) was tasked by XCITE Energy / Mooring Systems Limited (MSL) to undertake and provide all the necessary engineering and design services to take their feasibility study to conclusion. This feasibility study to flow the well, was done by XCITE and requires for the export hose and chute to be installed on column top of Semisubmersible, Ocean Guardian. RE provides global and local strength verification along with destruct and construction drawings of the supporting structures to accommodate all the equipments provided by XCITE Energy.



**Pictures of Existing State**



Rig Profile



Pencil Column Zoom View



Chute

**R.E. scope of work**  
 R.E. escalates previous work done by XCITE Energy by doing structural layout at the candidate area and follows by strength verification of the rig side structure to absorb all the loads emanating from this prescribed specific loading regime. Bill of material (BOM) for the chute support foundation has been extracted from the model used in this assessment and forward to XCITE contractor. BOM was needed at the same time as design being finalized to allow sourcing of the raw material and to have them shipped and ready for installation. This was done along with engineering's recommended sketch showing sea fastening and connecting details to allow for the fabricator to develop fabrication and installation drawings on site.

**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 drawings to create 3D model
2. Weight, dimensions and centre of gravity of equipment.
3. Extract from Marine Operation Manual with deck loads for area under consideration