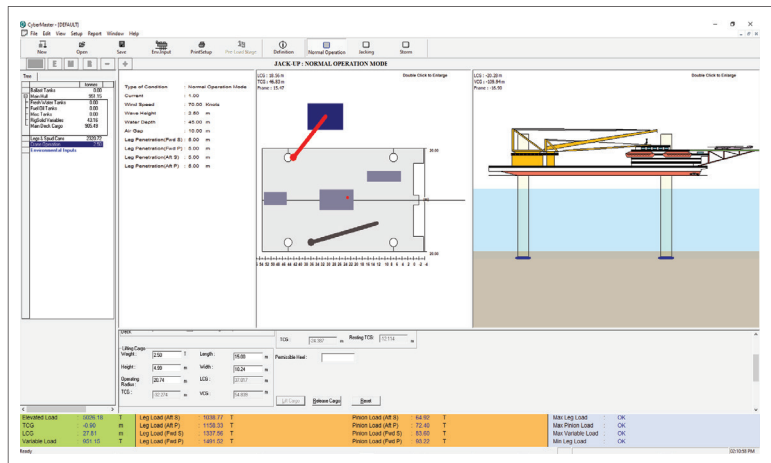# JACK-UP BARGES AND LIFT BOATS

- Developed by Cybermarine.
- Caters to IACS Type 1 & 2 requirements.
- Specialized software enabling efficient operation of offshore jack up barges & lift boats.
- Suitable for Accommodation, Construction & Offshore Jackup Barges and Lift Boats.
- It comes with 3 major modes as explained below:

Jack up mode:

- Load Calculation for Operational Mode, Jacking Mode & Survival Mode.

- Permissible limit check for Leg Load, Chord Load & Spudcan Uplift Load due to wave / current at various water depths.

- Overturning Stability evaluation at various crane position.

- Provision to input deck cargo and provide colour coding according to user requirement.
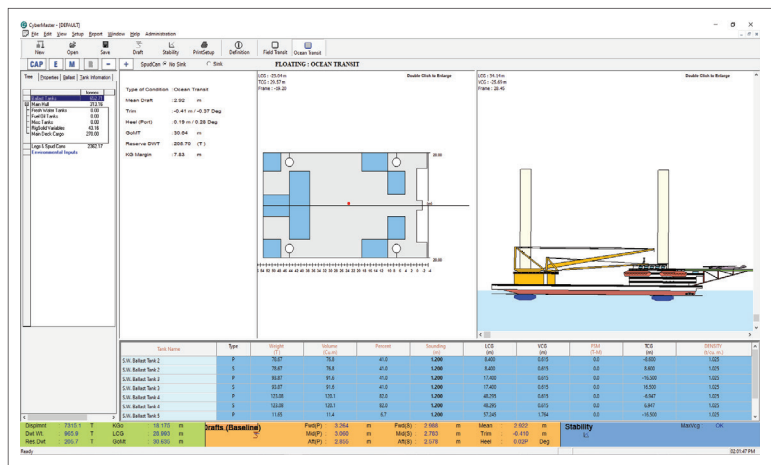
- Warning when the parameters exceed.

Preload Mode:

- Preload assessment, schedule, and plan.
- Load Calculations.

Floating Mode:

- Calculation of loads and moments due to various solids and liquid bulks.

- Calculation of Hydrostatic curves, righting moments, Heeling Moments, Allowable KG, Metacentric Heights etc.

- Floatation stability with variable position position of leg available with / without spudcans empty.

Cybermarine