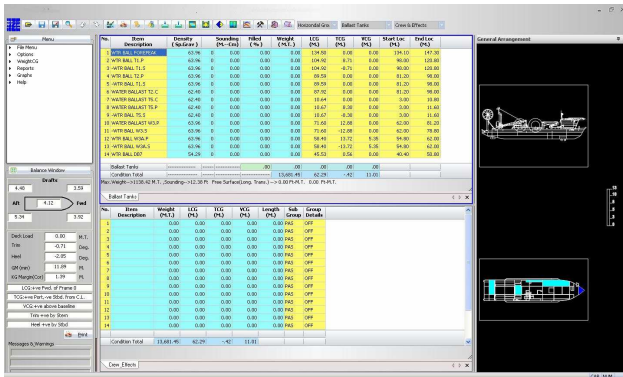


## On-board Load and Stability Calculator for Ships and Floaters

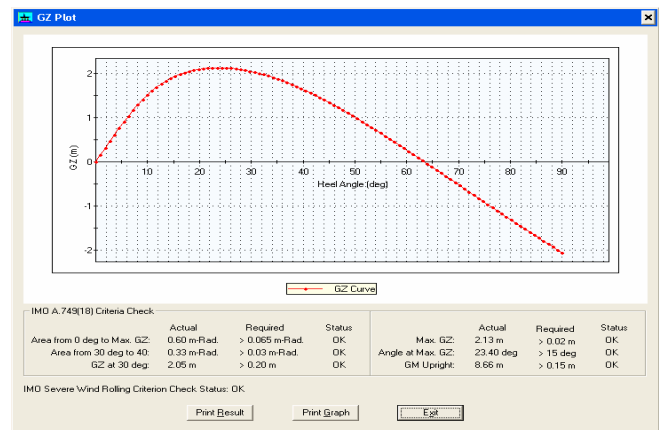
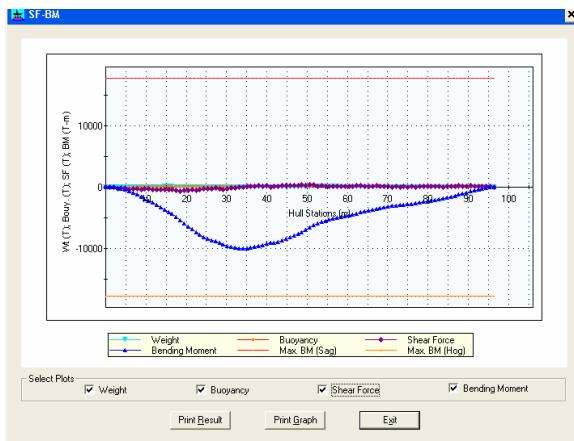


Part of Zentech's Suite of load and stability calculator programs, LoShip is interactive, menu-driven, vessel-specific software used in data management and loading calculations in the day-to-day operations.

- Pull-Down and Pop-Up Menus for Data Input
- Grouping of Weights Based on Solids, Liquids and Miscellaneous Items
- Selected Blocking of Fields to Prevent User Entry
- Assistance in and Verification of User Input Data
- Weight Management by Grouping and Sub-grouping
- Individual Weights and CGs, Subtotals and Totals
- Facility to Archive and Retrieve Loading Conditions
- User Selectable Allowable KGs
- Calculation of Stability Parameters, Free Surface Effect and Deck Loads
- Summary of Consumables and their Break-up
- Updates of Drafts, Trim and Heel Angles, Deck Loads and KG Margin, with Every Entry
- CGs of Weights about Global or Local Coordinate Systems

### Special Features

- Calculation of Liquid Weights and CGs from Tank Tables
- Calculation of Free Surface Moments in Each Tank and for the Complete Vessel
- Damaged Stability Calculations
- Longitudinal Strength Calculations
- Large Angle Stability Calculations and Plots
- Performs Ballasting and Deballasting Procedures and Load Equalization Calculations
- GZ Plot and IMO Rule Checks



- Plots of Weights, CGs and Free Surface Moments with Sounding, for Tanks
- Screen Preview and Hard Copy Options for Outputs
- Comprehensive Help Menu
- 3-D View

Stability Summary

Free Surface Moment:  
 Longitudinal: 0.00 Ft-M.T.  
 Transverse: 0.00 Ft-M.T. Show Details

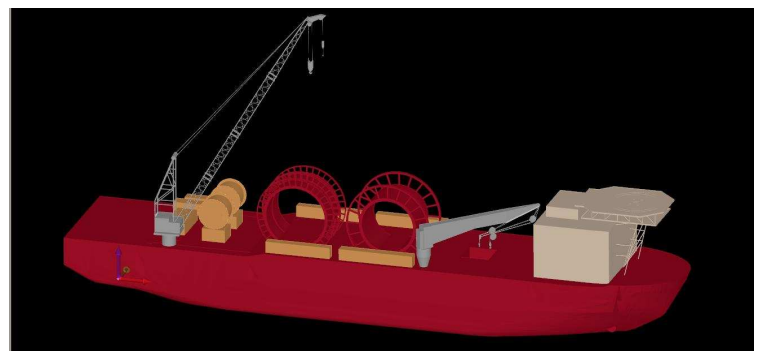
Total Weight: 13681.45 M.T.

LCG: 62.29 ft	Trim: -0.71 Deg
TCG: -0.42 ft	Heel: -2.05 Deg
VCG: 11.01 ft	
KMT: 22.91 ft	KML: 424.39 ft
GMT: 11.88 ft	GML: 413.37 ft
LCB: 67.44 ft	LCF: 63.19 ft
TCB: 0.00 ft	TCF: 0.00 ft

Corrected KG: 11.02 ft Print Exit

Allowable KG: 12.41 ft View GZ

1.39 ft



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