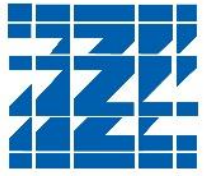


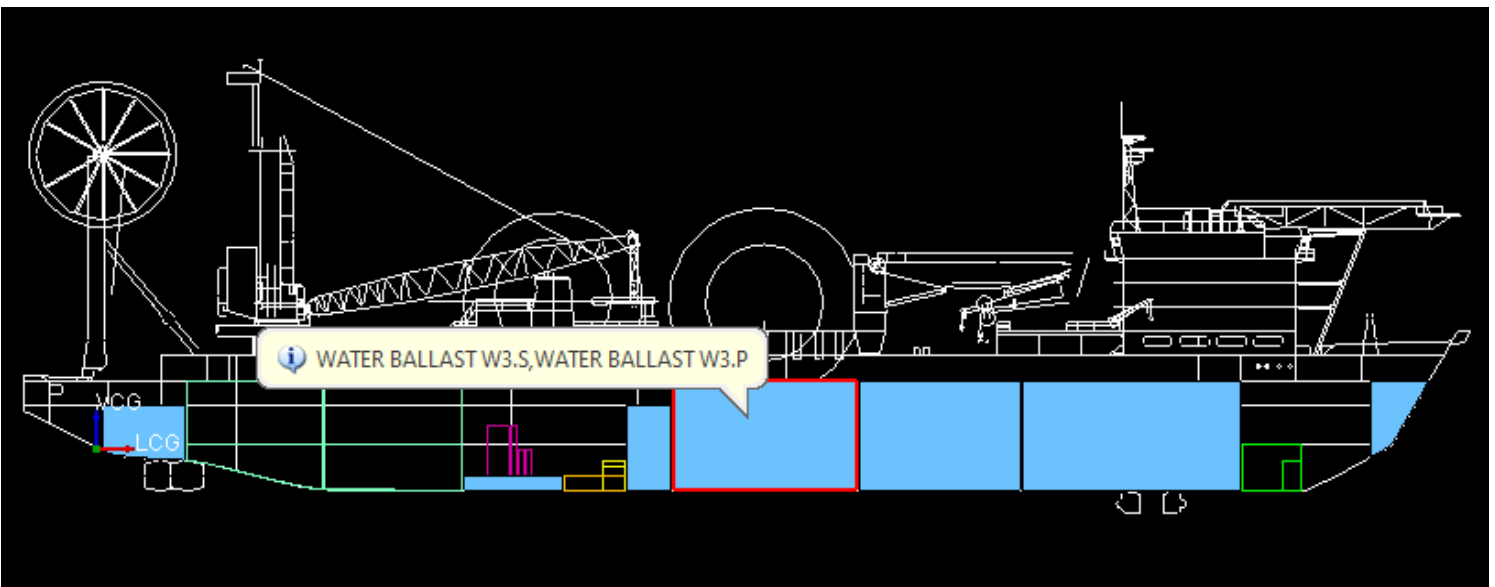
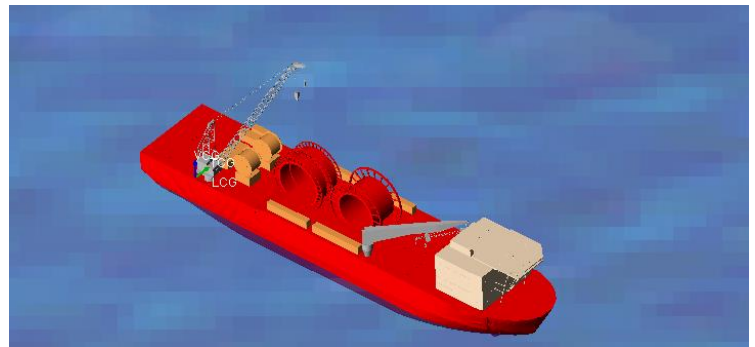
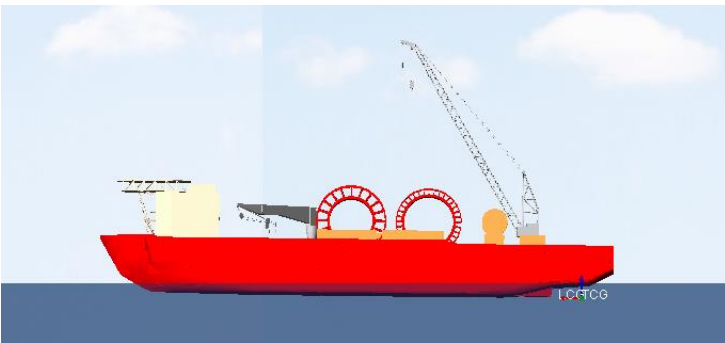
# LoShip™

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



### LoShip™ – On-Board Load and Stability Calculator for Ships and Floaters

LoShip™ is an interactive; menu driven program used on-board drillships and other offshore supply vessels to perform loading and stability calculations. This system is a windows based application, with a user friendly interface. It has numerous error checking routines to warn the user when improper input data is used and/or limits are exceeded. The program is customized to fully comply with the requirements and procedures of the vessel's Operating Manual.

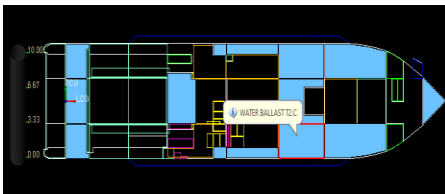
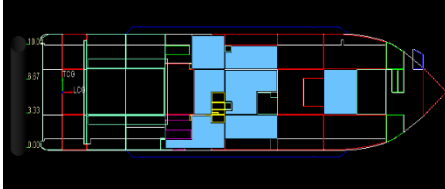
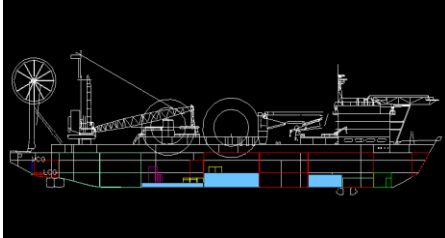




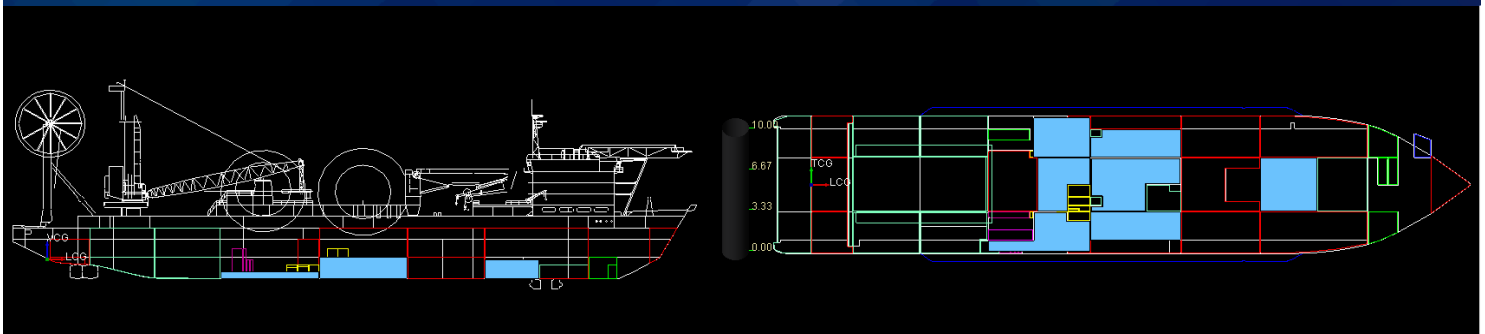
# LoShip™

On-Board Load and Stability Calculator  
for Ships and Floaters

## LoShip™ Key Highlights



- Updates of draft, trim and heel, deck loads and KG margin, 3D/2D views with every entry.
- Weight management by grouping and sub-grouping (with the choice of global or local coordinate systems).
- Various modes of operation (Transit, Survival and Operating)
- Grouping of weights based on Solids, Liquids and Miscellaneous items.
- Ballasting and De-ballasting procedures and load equalization calculations to achieve desired draft, trim and heel.
- Calculation of stability parameters.
- Validates the input values and displays warning messages and graphical representation of percentage of allowable for different items.
- Interface with Mooring advisory software ZenMAP.

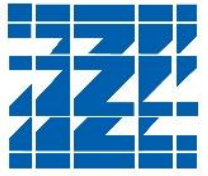


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### LoShip™ - On-Board Load and Stability Software

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- 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.
- Weight management by Grouping and Sub-grouping.
- Individual weights and CGs, Subtotals and totals.
- User selectable allowable KGs.
- Calculation of stability parameters, free surface effect and deck loads.
- 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.
- Summary of consumables and their break-up.
- Updates of drafts, trim and heel Angles, deck loads and KGs Margin, with every entry.
- CGs of weights about global or local coordinate systems.
- Assistance in verification of user input data.
- Facility to archive and retrieve loading conditions.
- 3-D View.





# LoShip™

On-Board Load and Stability Proprietary  
Software for Ships

**For more information  
about Zentech's services  
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