

ShipRight 2010.2 Release Notes

General Information

1. This version of ShipRight 2010.2 supersedes ShipRight 2010.1.
2. You will not be able to use the application until you have either a permanent or evaluation licence for ShipRight 2010.

To get an evaluation licence or a registration key please email es.support@lr.org.

3. The software is designed to be run under Windows XP SP2. It is tested for Windows XP SP2 only. Other versions of Windows are not supported. A PC with at least 512Mb memory and at least 40Gb of free hard disk space is required. Note that this is the minimum requirement and for best performance better hardware should be used.
4. All software documentation is available on-line.

Installation

1. To install ShipRight 2010.2 please run setup.exe.
2. Some of the on-line documentation requires Adobe Acrobat® Reader to be installed. Version 5.0 or later of the Acrobat reader is required. The Acrobat Reader can be obtained from <http://www.adobe.com/>

New Features in ShipRight 2010 versions (December 2010):

1. Individual Roadmaps are available according to the task to be completed using ShipRight.
2. The buckling panel editor is now integrated into the property window in the FEM View and fully driven by panel selection in the graphics view.
3. VAST solver is now available for faster analysis of a 3 hold FEM model.
4. Find option is now available in the view menu (FEM Graphics Window) in order to locate an element, buckling panel or grid point according to the ID.
5. Ability to create groups whilst viewing buckling panels.
6. Group selected short-cut for creating groups.
7. Ability to change the font size of the labels used in the Graphics view.
8. Coverage of the latest updates to the CSR rules.
9. Customised loading and corrosion additions for FPSO 3 hold models.
10. Model units are displayed in the status bar and will not be reset when re-validating bulk data unless there is a units card which specified different units.
11. After saving LRP it will reopen on the same Roadmap.
12. Batch facility now available when running hydrostatic loading utility.
13. Coverage of VLOC draft procedures is available.

Known Problems and Limitations:

1. There may be compatibility problems between the 3D graphics system and your computer's screen driver. Try using the most up to date screen driver first, if problem persists, disable the Windows screen acceleration or use just basic acceleration only. Do not display "nodes" in the mesh generation wizard if the wizard crashes.
2. A single buckling panel with different parts having different Corrosion Additions (CA) will not be processed with the correct thickness in the buckling module. It is necessary to split the panel into separate ones with the appropriate CA. Dummy stiffeners with small properties can be used to divide the panel during mesh generation or the Panel Editor can be used for this purpose.
3. Panel breadth correction as in figure D.5.6 of CSR-DHOT is not implemented, the user is required to manually override the panel's dimensions "a" and "b" in the buckling panel editor where necessary.

4. Loading Report prone to termination if Word document is disturbed while report generation is in progress.
5. Generating large reports may cause formatting problems in Word.
6. Load Case Generation wizard will not launch the first time. Save the group tree in the FEM Graphics window; save, close and reopen the LRP file and the wizard will then launch.
7. Side shell frame definition does not have a Port/Starboard flag. To create a side shell frame on the starboard side, define one on the port side first, and then use the Reflect option.
8. For CSR-DHOT buckling, stiffened panels are always assigned 5 stiffeners for the analysis.
9. SPCD for use with VAST solver has not yet been implemented. The old FEM Solver or Nastran should be used. VAST is also not fully validated for whole ship model, for which Nastran should be used.
10. Containership loading: the surge load set for a 20ft bay will be incorrect.
11. Users may experience problems when using DIME to import a full ship hull form.
12. Users may encounter stability issues when deleting multiple resources from ShipRight.
13. Data input onto a wizard step will not be saved if the user clicks the Back button. You should either click Next to save the data before going back or click Close to exit the wizard and save the current inputs.
14. Automation of stress assessment is not available for container ship.

Technical Support

Support for registered users is available through local Lloyd's Register Design Support Offices.

The ShipRight support team in London can also be contacted by email at es.support@lr.org.

Updates to the software will be made available through the application's built-in update system.