



Lloyd's Register
Marine

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RulesCalc 2018

Release Notes

RulesCalc

RulesCalc 2018



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1. Introduction

This document gives an indication to the users about system requirements and new functionalities and enhancements that are implemented in RulesCalc Software.

Details about the implementation of all functionalities are not covered in this document. More details and information can be found in the user guide and getting started guide which are available in the installation directory.

For details about rule implementations in the programs, the user should consult the user guide and support desk for information about how to use the program for specific ship structures.

2. Product information

Information on Lloyd's Register Marine software products can be obtained from <http://www.lr.org/en/marine/software/>.

3. System requirements

RulesCalc software requires the following hardware and software configurations:

Hardware

3GB RAM, or greater.
24" Display strongly recommended.
Intel Core processor or equivalent.

Software

Microsoft Windows versions:

- XP SP2 and later (32-bit only)
- Vista (32-bit only)
- 7 (32-bit and 64-bit)

4. Training and Support information

To for training information or for support or to report an error, please contact our engineering software support team at es.support@lr.org

5. What's new in the latest version of RulesCalc

RulesCalc 2018.0 software is a product for calculation of Class requirements to the [Rules and Regulations for the Classification of Ships](#).

The following items describe major features and changes to the application:

1. Rules update

RulesCalc 2018.0 has been updated for the July 2018 issue of the [Rules and Regulations for the Classification of Ships](#). Please note that all rule references in this document pertain to the Lloyd's Register [Rules and Regulations for the Classification of Ships](#) unless otherwise noted.

6. Known limitations

1. Transverse sections branch

The transverse sections branch is not validated for regions outside of the mid-ship and may provide incorrect results.

2. Transverse stiffeners

Transverse stiffeners implementations are incomplete and may provide incorrect results.

3. kL value used for calculating the extends of high tensile steel region

kL used in transverse sections for calculating the higher and lower extents of high tensile steel region for materials with yield strength 390N/mm² and 460N/mm² are 0.68 and 0.62 respectively, irrespective of the plate thickness.



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Rules and Procedures Software

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