Main changes in Bureau Veritas Rules for Hull Structure and Arrangement for the Classification of Cargo Ships less than 65 m and Non Cargo Ships less than 90 m edition November 2018 regarding the previous edition (December 2017) are described as follows.

## Rules History

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### Chapter 1 General
- New reference to Steel Ship Part A for additional specific operation area notations – Sec 1, [1.1.3]
- New paragraph for steel having a yield stress lower than 235 Mpa – Sec 2, [2.1.4]
- Update the hull analysis approach for particular cases – Sec 3, [2.1.2]

### Chapter 2 Structure Design Principles, General Arrangement and Scantling Criteria
- Further information about the definition of $L_{LL}$ – Sec 2, [2.1.1]
- Update the requirement “Calculation hypothesis” – Sec 3, [2.3.3]
- Modification of the value of $C$ – Sec 3, [3.2.2], item d), 1)
- Update requirement “Rule safety factors” – Sec 3, [3.2.3]
- Correction of formula of “SF” – Sec 3, [3.2.4]

### Chapter 3 Design Loads
- Modification of the definition of $Z_0$ – Sec 3, [2.2.1]
- Modification of the requirement “Exposed deck with cargo” – Sec 3, [2.2.3]
- Modification of the flat bottom forward area in the first bullet – Sec 3, [3.2.2]

### Chapter 4 Hull Scantling
- Modification of the minimum thickness for aluminium plating – Sec 3, [2.2.1], item a)
- New requirement “Stiffener not perpendicular to the attached plating” – Sec 4, [1.3.3]
- New paragraph at the end of requirement – Sec 5, [2.1.1]
- New paragraph at the end of requirement – Sec 5, [2.2.1]
• Modification of primary structure scantling in way of launching appliances – Sec 5, [2.4.1]
• New cross reference to NR546 for hull in composite materials – App 2, [1.1.1]
• Modification of the corrosion symbol definition of λ – App 2, [4.1.1]

Chapter 5 Other Structures
• Modification of items b) and c) – Sec 1, [2.2.1]
• Addition of the corrosion coefficient value for primary structure calculation – Sec 1, [5.1.1]
• Addition of the calculation method for Cw for bow flare structure – Sec 2, [1.4.1], item a)
• New hatch cover on weather deck approach – Section 2, [7]
• New reduction coefficient for sea going launch and launch rudders – Sec 2, [9.1.1]
• Update the number of anchor in accordance with UR IACS – Sec 4, [3.1.2], a)
• Update the use of wire ropes or synthetic fibre in accordance with UR IACS – Sec 4, [3.3.1]
• Update the brake capacity value – Sec 4, [4.1.2]
• Update the local reinforcement scantling approach of chain stopper and windlass – Sec 4, [4.1.4]

Chapter 6 Additional Requirements in Relation to the Service Notation or Service Feature Assigned to the Ship
• Modification of the reference to NR467 Steel Ships Rules – Sec 1, [12.2.1]

Chapter 7 Construction and Testing
No modification in chapter 7.