



# RUSSIAN MARITIME REGISTER OF SHIPPING

**CIRCULAR LETTER**

**No. 314-27-1631c**

dated 17.09.2021

Re:

amendments to the Common Structural Rules for Bulk Carriers and Oil Tankers in accordance with Urgent Rule Change Notice 1 to CSR 01 JAN 2021 version

Item(s) of supervision:

bulk carriers and oil tankers under construction and in service

Entry-into-force date:

**01.01.2022**

Cancels / amends / adds Circular Letter No.

dated

Number of pages: 1 + 7

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of Urgent Rule Change Notice 1

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that Urgent Rule Change Notice 1 to CSR 01 JAN 2021 version was posted on the official IACS website (<https://iacs.org.uk/>) introducing amendments to the IACS Common Structural Rules for Bulk Carriers and Oil Tankers, 01 January 2021 version.

The document will be fully introduced to the IACS CSR upon the re-publication in 2022.

It is necessary to do the following:

1. Bring the content of the Circular Letter to the notice of the RS surveyors, as well as interested organizations and persons in the area of the RS Branch Offices' activity.
2. Apply the provisions of the Circular Letter during review and approval of the technical documentation on ships contracted for construction or conversion on or after 01.01.2022, in the absence of a contract, the keels of which are laid or which are at a similar stage of construction on or after 01.01.2022.

List of the amended and/or introduced paras/chapters/sections:

Common Structural Rules for Bulk Carriers and Oil Tankers

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**Information on amendments introduced by the Circular Letter  
(for inclusion in the Revision History to the RS Publication)**

Nos.	Amended paras/chapters/ sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
1	Common Structural Rules for Bulk Carriers and Oil Tankers	Amendments in accordance with Urgent Rule Change Notice 1 to CSR 01 JAN 2021 version	314-27-1631c of 17.09.2021	01.01.2022

# Common Structural Rules for Bulk Carriers and Oil Tankers

## Urgent Rule Change Notice 1 to 01 JAN 2021 version

Notes: (1) These Rule Changes enter into force on **1<sup>st</sup> January 2022**.

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# COMMON STRUCTURAL RULES FOR BULK CARRIERS AND OIL TANKERS

## URGENT RULE CHANGE NOTICE 1

This document contains amendments within the following Parts and chapters of the Common Structural Rules for Bulk Carriers and Oil Tankers, 1 January 2021. The amendments are effective on 1 January 2022.

The technical background document containing explanation for the amendments in this document can be found in "Technical Background for Urgent Rule Change Notice 1 to 01 JAN 2021 version".

Table of Contents

PART 1 GENERAL RULE REQUIREMENTS .....4

    CHAPTER 1 RULE GENERAL PRINCIPLE .....4

        SECTION 3 VERIFICATION OF COMPLIANCE.....4

    CHAPTER 8 BUCKLING.....4

        SECTION 2 SLENDERNESS REQUIREMENTS.....4

    CHAPTER 11 SUPERSTRUCTURE, DECKHOUSES AND HULL OUTFITTING .....4

        SECTION 3 EQUIPMENT .....4

        SECTION 4 SUPPORTING STRUCTURE FOR DECK EQUIPMENT AND FITTINGS .....5

## PART 1 GENERAL RULE REQUIREMENTS

### CHAPTER 1

#### RULE GENERAL PRINCIPLE

#### SECTION 3 VERIFICATION OF COMPLIANCE

##### 2.2.3 Plans and instruments to be supplied onboard the ship

.... Omitted

- g) Towing and mooring arrangements plan, ~~see Ch 11, Sec 3,~~

.... Omitted

### CHAPTER 8

#### BUCKLING

#### SECTION 2 SLENDERNESS REQUIREMENTS

##### 3.1.2 Net dimensions of angle, L2 and T-bars

The total flange breadth  $b_f$  in mm, for angle, L2 and T-bars is to satisfy the following criterion:

$$\cancel{b_f \geq 0.25h_w}$$

$$b_f \geq 0.2h_w$$

### CHAPTER 11

#### SUPERSTRUCTURE, DECKHOUSES AND HULL OUTFITTING

#### SECTION 3 EQUIPMENT

##### SYMBOLS

~~For symbols not defined in this section, refer to Ch 1, Sec 4.~~

## 1 GENERAL

### 1.1 Application

#### 1.1.1

The anchoring equipment specified in this section is intended for temporary mooring of a ship within a harbour or sheltered area when the ship is awaiting berth, tide, etc. Anchoring equipment shall be considered by individual Society

#### 1.1.2

~~The equipment specified is not intended to be adequate to hold a ship off fully exposed coasts in rough weather or to stop a ship that is moving or drifting. In such a condition, the loads on the anchoring equipment increase to such a degree that its components may be damaged or lost.~~

#### 1.1.3

~~The Equipment Number (EN) formula for the required anchoring equipment is based on an assumed maximum current speed of 2.5 m/s, maximum wind speed of 25 m/s and a minimum scope of chain cable of 6, the scope of chain cable being the ratio between the length of chain paid out and the waters depth. For ships with length greater than 135 m, alternatively the required anchoring equipment can be considered applicable to a maximum current speed of 1.54 m/s, a maximum wind speed of 11 m/s and waves with maximum significant height of 2 m.~~

~~It is assumed that under normal circumstances a ship uses only one bow anchor and chain cable at a time.~~

## 2 DELETED

## 3 DELETED

## SECTION 4 SUPPORTING STRUCTURE FOR DECK EQUIPMENT AND FITTINGS

### SYMBOLS

~~For symbols not defined in this section, refer to Ch 1, Sec 4.~~

~~SWL : Safe working load as defined in [4.1.4].~~

~~Normal stress: The sum of bending stress and axial stress with the corresponding shearing stress acting perpendicular to the normal stress.~~

## 1 GENERAL

### 1.1 Application

#### 1.1.1

~~Information pertaining to the supporting structure for deck equipment and fittings, as listed in this section, is to be submitted for approval.~~

~~This section includes scantling requirements to the supporting structure and foundations of the following pieces of equipment and fittings:~~

- ~~a) Anchor winlasses.~~
- ~~b) Anchoring chain stoppers.~~
- ~~c) Mooring winches.~~
- ~~d) Deck cranes, derricks and lifting masts.~~
- ~~e) Bollards and bitts, fairleads, stand rollers, chocks and capstans.~~

~~The supporting structure and foundations for deck equipment and fittings shall be considered by individual Society in addition to the requirements in this section.~~

#### 1.1.2

Where deck equipment is subject to multiple load cases, such as operational loads and green sea load, the loads are to be applied independently for the evaluation of strength of foundations and support structure.

### 1.2 Documents to be submitted

#### 1.2.1

The documents to be submitted are indicated in Ch 1, Sec 3.

## 2 ANCHORING WINDLASS AND CHAIN STOPPER

.... Omitted

## 3 DELETED

## 4 CRANES, DERRICKS, LIFTING MASTS AND LIFE SAVING APPLIANCES

.....Omitted

## 5 DELETED

## 6 MISCELLANEOUS DECK FITTINGS

.....Omitted