

# RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

**Part CSR-B&T**

**Common Structural Rules for Bulk Carriers  
and Oil Tankers**

**Rules for the Survey and Construction of Steel Ships**  
**Part CSR-B&T 2023 AMENDMENT NO.2**

Rule No.29 30 June 2023  
Resolved by Technical Committee on 25 January 2023

**ClassNK**  
NIPPON KAIJI KYOKAI

AMENDMENT TO THE RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Rules for the survey and construction of steel ships” has been partly amended as follows:

**Part CSR-B&T COMMON STRUCTURAL RULES FOR BULK CARRIERS AND OIL TANKERS**

**Part 1 GENERAL HULL REQUIREMENTS**

**Chapter 1 RULE GENERAL PRINCIPLES**

**Section 5 LOADING MANUAL AND LOADING INSTRUMENTS**

**3. Loading Instrument**

**3.1 General Requirements**

Paragraph 3.1.2 has been amended as follows.

**3.1.2 Conditions of approval of loading instruments**

The loading instrument is subject to approval based on the provisions of ~~34.1.33.8.3, Part 1,~~ **Part C**. The approval is to include:

- Verification of type approval, if any,
- Verification that the final data of the ship has been used,
- Acceptance of number and position of read-out points,
- Acceptance of relevant limits for all read-out points,
- Checking of proper installation and operation of the instrument onboard, in accordance with agreed test conditions, and that a copy of the operation manual is available.

Modifications resulting in changes to the main data of the ship (e.g. lightship weight, buoyancy distribution, tank volumes or usage, etc), require the loading manual to be updated and re-approved, and subsequently the loading instrument to be updated and re-approved. However, new loading guidance and an updated loading instrument need not be resubmitted provided that the resulting draughts, still water bending moments and shear forces do not differ from the originally approved data by more than 2%.

An operational manual is always to be provided for the loading instrument. The operation manual and the instrument output are to be prepared in a language understood by the users. If this language is not English, a translation into English is to be included.

The operation of the loading instrument is to be verified upon installation. It is to be checked that the agreed test conditions and the operation manual for the instrument is available onboard.

## Chapter 3 STRUCTURAL DESIGN PRINCIPLES

### Section 1 MATERIALS

#### 1. General

##### 1.1 Standard of Material

Paragraph 1.1.1 has been amended as follows.

##### 1.1.1

Materials used during construction are to comply with 3.2, Part 1, Part C and **Part K**.

## Chapter 11 SUPERSTRUCTURES, DECKHOUSES AND HULL OUTFITTING

### Section 2 BULWARK AND GUARD RAILS

#### 2. Bulwarks

##### 2.1 General

Paragraph 2.1.6 has been amended as follows.

##### 2.1.6

In the case of ships intended for the carriage of timber deck cargoes, the provisions of ~~1.1.3-2~~ and ~~23.1.3-3~~ 14.8.3.1-3, Part 1, Part C are to be complied with.

Paragraph 2.1.8 has been amended as follows.

##### 2.1.8

Constructions of bulwarks are to comply with the requirements in ~~23.1.3-4~~ to ~~6~~14.8.3.1-4 to -6, Part 1, Part C in addition to the requirements in this section.

## EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2023.
2. Notwithstanding the amendments to the Rules, the current requirements apply to the following ships:
  - (1) ships for which the date of contract for construction is before the effective date; or
  - (2) sister ships of ships subject to the current requirements for which the date of contract for construction is before 1 January 2025.