

RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part CSR-B Common Structural Rules for Bulk Carriers

Rules for the Survey and Construction of Steel Ships
Part CSR-B **2011 AMENDMENT NO.1**

Rule No.27 30th June 2011

Resolved by Technical Committee on 3rd February 2011

Approved by Board of Directors on 25th February 2011

ClassNK
NIPPON KAIJI KYOKAI

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

Part CSR-B COMMON STRUCTURAL RULES FOR BULK CARRIERS

Chapter 10 HULL OUTFITTING

Section 2 BULWARKS AND GUARD RAILS

2. Bulwarks

2.1 General

2.1.1

As a rule, plate bulwarks are to be stiffened at the upper edge by a suitable bar and supported either by stays or plate brackets spaced not more than $2.0m$ apart.

The free edge of the stay or the plate bracket is to be stiffened.

Stays and brackets of bulwarks are to be aligned with the beams located below or are to be connected to them by means of local transverse stiffeners.

As an alternative, the lower end of the stay and bracket may be supported by a longitudinal stiffener.

2.1.2

In type *B-60* and *B-100* ships, the spacing forward of $0.07L_{CSR-B}$ from the fore end of brackets and stays is to be not greater than $1.2m$.

2.1.3

Where bulwarks are cut completely, the scantlings of stays or brackets at ends are to be increased with respect to those given in **2.2**.

2.1.4

As a rule, bulwarks are not to be connected either to the upper edge of the sheerstrake plate or to the stringer plate.

Failing this, the detail of the connection will be examined by the Society.

Paragraph 2.1.5 has been added as follows.

2.1.5

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

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 30 December 2011.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to ships for which the date of contract for construction is before the effective date.