

# **Turnbuckles for Wire Ropes Used in Gangways**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part C

## **Reason for Amendment**

Regulation 25-1 of Annex I of the International Convention on Load Lines (ICLL) specifies that safe passage according to characteristics of the ship be provided for the crew. This regulation has already been incorporated into the NK Rules.

Furthermore, the aforementioned regulation specifies that wire ropes used in permanent gangways are to be made taut by means of turnbuckles. However, the correspondence between the NK Rules and ICLL was unclear because this requirement was not clearly specified in the NK Rules.

Accordingly, all relevant test requirements are amended to clarify the correspondence between the NK Rules and ICLL.

## **Outline of Amendment**

Amends relevant requirements to clarify that wire ropes used in permanent gangways are to be made taut by means of turnbuckles.

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

## **Part C HULL CONSTRUCTION AND EQUIPMENT**

### **Part 2 EQUIPMENT**

#### **C23 BULWARKS, GUARDRAILS, FREEING ARRANGEMENTS, CARGO PORTS AND OTHER SIMILAR OPENINGS, SIDE SCUTTLES, RECTANGULAR WINDOWS, VENTILATORS AND GANGWAYS**

##### **C23.7 Gangways**

###### **C23.7.1 General**

Sub-paragraph -3 has been amended as follows.

**3** Precautions regarding arrangements specified in **-1** above

(1) Where wire ropes are fitted, turnbuckles are to be provided to ensure their tautness.

~~(2)~~ Wire ropes may only be acceptable in lieu of guard rails in special circumstances and then only in limited lengths.

~~(3)~~ Lengths of chain may only be acceptable in lieu of guard rails where fitted in between two fixed stanchions.

~~(4)~~ Where stanchions are fitted, every third stanchion is to be supported by a bracket or stay.

~~(5)~~ Removable or hinged stanchions shall be capable of being locked in the upright position.

~~(6)~~ A means of passage over obstructions, if any, such as pipes or other fittings of a permanent nature, should be provided.

~~(7)~~ Generally, the width of the gangway and deck-level walkway should not exceed 1.5m.