
RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

RULES

Part I

**Ships Operating in Polar Waters,
Polar Class Ships and Ice Class Ships**

2022 AMENDMENT NO.2

Rule No.89 27 December 2022

Resolved by Technical Committee on 27 July 2022

An asterisk (*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

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 I SHIPS OPERATING IN POLAR WATERS, POLAR CLASS SHIPS AND ICE CLASS SHIPS

ANNEX 1 SPECIAL REQUIREMENTS FOR THE MATERIALS, HULL STRUCTURES, EQUIPMENT AND MACHINERY OF POLAR CLASS SHIPS

Chapter 2 MATERIALS AND WELDING

2.1 Material

2.1.2 Material Classes and Grades*

Table 2.1.2-3 has been amended as follows.

Table 2.1.2-3 Minimum Material Grades for ships with length exceeding 250 m

Structural Member Category	Material Grade
Sheer strake at strength deck ⁽¹⁾	Grade <i>E/EH</i> ⁽²⁾ within 0.4 <i>L</i> amidships
Stringer plate in strength deck ⁽¹⁾	Grade <i>E/EH</i> ⁽²⁾ within 0.4 <i>L</i> amidships
Bilge strake ⁽¹⁾	Grade <i>D/DH</i> ⁽³⁾ within 0.4 <i>L</i> amidships

Notes:

- (1) Single strakes required to be of Grade *D/DH* or Grade *E/EH* as shown in the above table and within 0.4*L* amidships are to have breadths not less than $5L + 800\text{ mm}$, need not be greater than 1,800 mm, unless limited by the geometry of the ship's design.
- (2) *E* means *KE*, *EH* means *KE32*, *KE36* or *KE40*
- (3) *D* means *KD*, *DH* means *KD32*, *KD36* or *KD40*

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 27 December 2022.