Amendment on 29 June 2026

Resolved by Technical Committee on 29 January 2026

Brake Capacity of Mooring Winches

Object of Amendment

Rules for the Survey and Construction of Steel Ships Part C

Reason for Amendment

Regulation II-1/3-8 of SOLAS requires ships be provided with towing and mooring equipment. In addition, the IMO has approved guidelines on the design and selection of mooring equipment (MSC.1/Circ.1619) and a uniform interpretation (UI) of regulation II-1/3-8 (MSC.1/Circ.1362(Rev.2)).

IACS subsequently adopted IACS Unified Interpretation (UI) 212 (Rev.1) to verify that the towing and mooring equipment meet the requirements of regulation II-1/3-8.

The Society has already incorporated the above requirements into its Rules. However, the requirements for the selection of mooring equipment were unclear.

Accordingly, relevant requirements are amended based on the relevant IMO circular and IACS UI.

Outline of Amendment

Amends requirement for selection of mooring winch to clarify based on the relevant IMO circular and IACS UI.

Effective Date and Application

The effective date of this amendments is 1 July 2026.

ID: DX25-12

Amended-Original Requirements Comparison Table (Brake Capacity of Mooring Winches)

Amended	Original	Remarks
RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS **Part C HULL CONSTRUCTION AND EQUIPMENT** **Part 1 GENERAL HULL REQUIREMENTS** **Chapter 14 EQUIPMENT** **14.4 Towing and Mooring Arrangement** **14.4.4 Arrangement and selection of mooring line, mooring equipment, capstan, and winch** **14.4.4.3 Selection of mooring line, mooring equipment, capstan, and winch** **1** Selection of mooring winches is to be in accordance with the following **(1)** to **(5)**. ((1) to (4) are omitted.) (5) To avoid overloads on mooring winches, mooring winch brake holding capacities are to be less than 100 % of the Ship Design Minimum Breaking Load (MBL_{sd}). The winches are to be fitted with brakes that allow for the reliable setting of the brake rendering load.	**RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS** **Part C HULL CONSTRUCTION AND EQUIPMENT** **Part 1 GENERAL HULL REQUIREMENTS** **Chapter 14 EQUIPMENT** **14.4 Towing and Mooring Arrangement** **14.4.4 Arrangement and selection of mooring line, mooring equipment, capstan, and winch** **14.4.4.3 Selection of mooring line, mooring equipment, capstan, and winch** **1** Selection of mooring winches is to be in accordance with the following **(1)** to **(5)**. ((1) to (4) are omitted.) (5) To avoid overloads on mooring winches, mooring winch brake holding capacities are to be less than 100 % of the Ship Design Minimum Breaking Load (MBL_{sd}). Alternatively, winches are to be fitted with brakes that allow for reliable settings of brake rendering loads.	MSC.1/Circ.1362(Rev.2), 4.4 MSC.1/Circ.1619, 5.2.4 IACS UI SC212(Rev.1), 3.4

Amended-Original Requirements Comparison Table (Brake Capacity of Mooring Winches)

Amended	Original	Remarks
EFFECTIVE DATE AND APPLICATION **1.** The effective date of the amendments is 1 July 2026.		