

**RULES
FOR THE CLASSIFICATION OF
SHIPS**

*Part 12 – ELECTRICAL EQUIPMENT
January 2020*

*Amendments No. 1
January 2021*

CROATIAN REGISTER OF SHIPPING

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By the decision of the General Committee of Croatian Register of Shipping,

Amendments No. 1 to the
RULES FOR THE CLASSIFICATION OF SHIPS
Part 12 – ELECTRICAL EQUIPMENT

have been adopted on 22nd December 2020 and shall enter into force on 1st January 2021

INTRODUCTORY NOTES

These amendments shall be read together with the requirements in the Rules for the Classification of Ships, Part 12 – Electrical Equipment, edition January 2020.

Table 1 contains review of amendments, where items changed or added in relating to previous edition are given, with short description of each modification or addition. All major changes throughout the text are shaded.

This Part of the Rules includes the requirements of the following international Organisations:

International Maritime Organization (IMO)

Conventions: International Convention for the Safety of Life at Sea 1974 (SOLAS 1974) and all subsequent amendments up to and including amendments(MSC.364(92)) adopted by Protocol of 1988 relating to the International Convention for the Safety of Life at Sea 1974, as amended (SOLAS PROT 1988).

International Association of Classification Societies (IACS)**Unified Requirements (UR):**

E5 (Rev.1 2005), E7 (Rev.4 2016), E9 (Rev.1 2012), E10 (Rev.7 2018), E11 (Rev.3 Corr.1 2018), E12 (Rev.1 2001), E13 (Rev.2 Corr.1 2018), E15 (Rev.3 2014), E16 (2002), E17 (2002), E18 (Rev.1 2014), E19 (Rev.1 2005), E20 (Rev.1 2009), E21 (2005), E22 (Rev.2 2010), E24 (Rev.1 2018), E25 (2016),
E25 (Rev.1 2019),
M64 (Rev.1 2004)

Unified Interpretations (UI):

SC1 (Rev.1 2002), SC3 (Rev.1 1999), SC4 (1985), SC5 (1985), SC6 (Rev.1 2019), SC7 (1985), SC8 (1985), SC9 (1985), SC10 (Rev.2 2001), SC11 (1985), SC12 (1985), SC13 (1985), SC17 (Rev.2 2005), SC70 (Rev.3 2010), SC83 (1993), SC94 (Rev.2 Corr.1 2018), SC95 (1994), SC124 (Rev.1 Corr.1 2007), SC134 (2002), SC136 (Rev.3 2005), SC151 (1999), SC152 (1999), SC157 (Rev.1 2005), SC176 (Rev.1 2004), SC180 (Rev.3 2012), SC184 (Rev.1 2005), SC185 (Rev.1 2005), SC186 (Corr.1 2010); SC187 (2004), SC194 (2005), SC290 (2018)

Recommendations (Rec.):

Rec. 73 (2002), Rec. 35 (Rev.1 Corr.1 2015), Rec. 120 (2015)

TABLE 1 – REVIEW OF AMENDMENTS

This review comprises amendments in relation to the Rules for the Classification of Ships, Part 12 – Electrical Equipment, edition January 2020.

<i>ITEM</i>	<i>DESCRIPTION OF THE AMENDMENTS</i>
SECTION 5 – ELECTRICAL DRIVES FOR SHIP MECHANISMS AND EQUIPMENT	
item 5.5.22.2.2.1	Item has been changed due to inclusion of IACS UR E25, rev.1

5 ELECTRICAL DRIVES FOR SHIP MECHANISMS AND EQUIPMENT

■ **Head 5.5 – ELECTRICAL DRIVE AND CONTROL OF STEERING GEAR**, item 5.5.22.2.2.1 has been changed and should be read as follows:

5.5.22.2.2.1 The failures (as defined but not limited to those in 5.5.22.2.1.1) likely to cause uncontrolled movements of rudder are to be clearly identified. In the event of detection of such failure, the rudder is to stop in the current position without manual intervention or, subject to the discretion of *Register*, is to return to the midship/neutral position.

NOTE: For hydraulic locking failure, refer also to Rules, *Part 9 – Machines*, 6.2.10.10.2 and 6.2.10.11.