

**RULES
FOR THE CLASSIFICATION OF
SHIPS**

*Part 3 – HULL EQUIPMENT
July 2020*

*Amendments No. 3
July 2022*

CROATIAN REGISTER OF SHIPPING

Hrvatska (Croatia) • 21000 Split • Marasovića 67 • P.O.B. 187
Tel.: (...) 385 (0)21 40 81 11
Fax.: (...) 385 (0)21 35 81 59
E-mail: tech.coord@crs.hr
web site: www.crs.hr

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

Amendments No. 3 to the
RULES FOR THE CLASSIFICATION OF SHIPS
Part 3 – HULL EQUIPMENT

have been adopted on 27th June and shall enter into force on 1st July 2022

INTRODUCTORY NOTES

These amendments shall be read together with the requirements in the Rules for the Classification of Ships, Part 3 – Hull Equipment, edition July 2020, as amended by Amendments No. 2, edition January 2022.

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 the 2010 amendments (MSC.291(87))
Protocol of 1988 relating to the International Convention for the Safety of Life at Sea 1974, as amended (SOLAS PROT 1988)
International Convention for the Prevention of Pollution from Ships 1973, as modified by the Protocol of 1978 thereto (MARPOL 73/78) and all subsequent amendments up to and including the 2006 amendments (MEPC.141(54)).

International Association of Classification Societies (IACS)

Unified Requirements (UR):

A1 (Rev. 7, Sep 2020), A1 (Rev. 7, Corr. 1, Sep 2021), A2 (Rev. 5, Sep 2020), A3 (Rev. 1, Jun 2019), L4 (Rev. 3, Corr. 2 2022), M42 (Rev. 4, 2011), S8 (Rev. 4, 2010), S9 (Rev. 6, 2010), S10 (Rev. 6, Sep 2019), S21 (Rev. 5, 2010), S21A (Rev. 1, May 2015, Corr. 2, Mar 2019), S26 (Rev. 4, 2010), S27 (Rev. 6, 2013)

Unified Interpretations (UI):

LL20 (Rev. 1, 2008), LL21 (Rev. 1, 2008), LL36 (Rev. 2, 2008), LL50 (Rev. 5, 2008), LL62 (Rev. 1, Corr. 1, 2010), LL70 (2005), SC113 (1996), SC138 (1998), SC153 (Corr. 1, Dec 2019), SC156 (Rev. 2, Jan 2021), SC190 (Rev. 1, Apr 2019), SC191 (Rev. 8, Apr 2019), SC212 (Corr. 3, Dec 2019), SC220 (Rev. 1, Corr. 2, Mar 2017)

Recommendations (Rec.):

Rec. 10 (Rev. 4, Sep 2020), Rec. 13 (Rev. 3, July 2020), Rec. 14 (Rev. 2, Corr. 1, 2005), Rec. 79 (Rev. 1, 2014), Rec. 90 (Rev. 1, Apr 2019), Rec. 91 (Rev. 3, Apr 2019)

TABLE 1 – REVIEW OF AMENDMENTS

This review comprises amendments in relation to the Rules for the Classification of Ships, Part 3 – Hull Equipment, edition July 2020, as amended by Amendments No. 2, edition January 2022.

<i>ITEM</i>	<i>DESCRIPTION OF THE AMENDMENTS</i>
SECTION 3 ANCHORING ARRANGEMENT	
Head 3.5 Anchor appliances	Item 3.5.4.5.5 amended to include changes of IACS UR L4, Rev.3, Corr.2 Feb.2022.

3 ANCHORING ARRANGEMENT

3.5 ANCHOR APPLIANCES

■ **Head 3.5.4 CHAIN LOCKERS**, sub item 3.5.4.5.5 has been changed and should be read as follows:

3.5.4 Chain lockers

3.5.4.5 Closure of chain lockers

3.5.4.5.4 Where a means of access to spurling pipes or cable lockers is located below the weather deck, the access cover and its securing arrangements are to be in accordance with recognized standards* or equivalent for watertight manhole covers. Butterfly nuts and/or hinged bolts are prohibited as the securing mechanism for the access cover.

3.5.4.5.5 Spurling pipes through which anchor cables are led are to be provided with permanently attached closing appliances** to minimize water ingress.

* Examples of the recognized standards are such as:

- i) ISO 5894:1999
- ii) China: CB/T4392-2014 "Marine manhole cover"
- iii) India: IS 15876-2009 "Ships and Marine Technology manholes with bolted covers"
- iv) Japan: JIS F2304:2015, "Ship's Manholes" and JIS F2329:1975, "Marine Small Size Manhole"
- v) Korea: KS V ISO 5894:2012
- vi) Norway: NS 6260:1985 "Manhole cover – overview"
- vii) Russia: GOST 2021-90 "Ship's steel manholes. Specifications"

** Examples of acceptable arrangements are such as:

- i) steel plates with cutouts to accommodate chain links or
- ii) canvas hoods with a lashing arrangement that maintains the cover in the secured position.