

**RULES
FOR THE CLASSIFICATION OF
SHIPS**

*Part 17 – FIRE PROTECTION
January 2020*

*Amendments No. 1
July 2020*

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 17 – FIRE PROTECTION

have been adopted on 30th June 2020 and shall enter into force on 1st July 2020

INTRODUCTORY NOTES

These amendments shall be read together with the requirements in the Rules for the Classification of Ships, Part 17 – Fire protection, 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 74) and all subsequent amendments up to and including the 2018 amendments (MSC.437(99)).
Protocol of 1988 relating to the International Convention for the Safety of Life at Sea, 1974, as amended (SOLAS PROT 1988).

Resolutions: A.123(V), A.567(14), A.654(16), A.752(18), A.756(18), A.800(19), A.951(23), A.952(23), A.1021(26) and A.1116(30); MSC.98(73), MSC.206(81), MSC.217(82), MSC.256(84), MSC.265(84), MSC.266(84), MSC.269(85), MSC.284(86), MSC.291(87), MSC.292(87), MSC.307(88), MSC.308(88), MSC.311(88), MSC.327(90), MSC.338(91), MSC.339(91), MSC.365(93), MSC.367(93), MSC.380(94), MSC.392(95), MSC.403(96), MSC.404(96), MSC.408(96), MSC.409(97), MSC.410(97), MSC.421(98) and MSC.437(99).

Circulars: MSC/Circ.353, MSC/Circ.387, MSC/Circ.451, MSC/Circ.474, MSC/Circ.485, MSC/Circ.553, MSC/Circ.606, MSC/Circ.608 Rev.1, MSC/Circ.670, MSC/Circ.677, MSC/Circ.730, MSC/Circ.731, MSC/Circ.777, MSC/Circ.798, MSC/Circ.808, MSC/Circ.848, MSC/Circ.849, MSC/Circ.858, MSC/Circ.910, MSC/Circ.917, MSC/Circ.917/Corr.1, MSC/Circ.1002, MSC/Circ.1003, MSC/Circ.1005, MSC/Circ.1009, MSC/Circ.1035, MSC/Circ.1036, MSC/Circ.1037, MSC/Circ.1050, MSC/Circ.1081, MSC/Circ.1082, MSC/Circ.1084, MSC/Circ.1085, MSC/Circ.1086, MSC/Circ.1087, MSC/Circ.1120, MSC/Circ.1129, MSC/Circ.1142, MSC/Circ.1165, MSC/Circ.1167 and MSC/Circ.1168;
MSC.1/Circ.1002/Corr.1, MSC.1/Circ.1002/Corr.2, MSC.1/Circ.1120/Corr.1, MSC.1/Circ.1203, MSC.1/Circ.1237, MSC.1/Circ.1240, MSC.1/Circ.1242, MSC.1/Circ.1266, MSC.1/Circ.1267, MSC.1/Circ.1268, MSC.1/Circ.1269, MSC.1/Circ.1270, MSC.1/Circ.1270/Corr.1, MSC.1/Circ.1275, MSC.1/Circ.1275/Corr.1, MSC.1/Circ.1276, MSC.1/Circ.1312, MSC.1/Circ.1312/Corr.1, MSC.1/Circ.1314, MSC.1/Circ.1316, MSC.1/Circ.1317, MSC.1/Circ.1318, MSC.1/Circ.1319, MSC.1/Circ.1320, MSC.1/Circ.1322, MSC.1/Circ.1324, MSC.1/Circ.1368, MSC.1/Circ.1369/Add.1, MSC.1/Circ.1370, MSC.1/Circ.1384, MSC.1/Circ.1385, MSC.1/Circ.1386, MSC.1/Circ.1387, MSC.1/Circ.1388, MSC.1/Circ.1395/Rev.4, MSC.1/Circ.1422, MSC.1/Circ.1430, MSC.1/Circ.1431, MSC.1/Circ.1432, MSC.1/Circ.1433, MSC.1/Circ.1434, MSC.1/Circ.1435, MSC.1/Circ.1436, MSC.1/Circ.1437, MSC.1/Circ.1456, MSC.1/Circ.1458, MSC.1/Circ.1459, MSC.1/Circ.1471, MSC.1/Circ.1472, MSC.1/Circ.1480, MSC.1/Circ.1487, MSC.1/Circ.1488, MSC.1/Circ.1491, MSC.1/Circ.1492, MSC.1/Circ.1499, MSC.1/Circ.1501, MSC.1/Circ.1505, MSC.1/Circ.1510, MSC.1/Circ.1511, MSC.1/Circ.1514, MSC.1/Circ.1515, MSC.1/Circ.1516, MSC.1/Circ.1527, MSC.1/Circ.1528, MSC.1/Circ.1533, MSC.1/Circ.1533/Rev.1, MSC.1/Circ.1550, MSC.1/Circ.1552, MSC.1/Circ.1554, MSC.1/Circ.1555, MSC.1/Circ.1556, MSC.1/Circ.1573, MSC.1/Circ.1581, MSC.1/Circ.1582, MSC.1/Circ.1616; BLG.1/Circ.23

International Association of Classification Societies (IACS)

Unified requirements (UR):

F1(2002), F2(2012), F3(1971), F5(1973), F6(1996), F7(1999), F13(1977), F16(2000), F20(2015), F21(1974), F26(2004), F27(1978), F29(2005), F32(1976), F33(1981), F35(2005), F41(1993), F42(1995), F43(2002) and F44(2010);

Unified Interpretations (UI):

SC16(2006), SC17(2005), SC25(2005), SC30(2005), SC32(2005), SC34(2005), SC35(2013), SC39(2005), SC41(2005), SC42(2007), SC43(2007), SC45(2005), SC46(2005), SC48(2005), SC49(2010), SC52(2005), SC54(2005), SC55(2005), SC57(2005), SC58(2005), SC60(2005), SC61(2005), SC62(2005), SC63(2005), SC64(2005), SC70(2010), SC73(2005), SC75(2005), SC79(2015), SC84(2005), SC85(2005), SC86(2005), SC87(2005), SC89(2018), SC90(2005), SC91(2005), SC92(2005), SC97(2005), SC98(2005), SC99(2014), SC100(2014), SC101(2005), SC102(2005), SC103(2005), SC106(2005), SC107(2005), SC108(2005), SC109(2005), SC110(2005), SC111(2005), SC114(2005), SC117(2005), SC118(2015), SC119(2005), SC120(2006), SC121(2005), SC125(2010), SC126(2005), SC127(2005), SC128(2005), SC129(2005), SC130(2005), SC132(2013), SC140(2011), SC146(2005), SC147(2005), SC148(2015), SC149(2012), SC150(2005), SC158(2005), SC159(2005), SC160(2005), SC162(2005), SC163(2009), SC164(2005), SC166(2005), SC167(2005), SC168(2005), SC169(2003), SC170(2005), SC172(2005), SC173(2003), SC174(2006), SC175(2003), SC176(2004), SC178(2011), SC188(2015), SC192(2004), SC196(2005), SC197(2006), SC198(2005), SC199(2005), SC200(2005), SC201(2006), SC204(2006), SC205(2006), SC211(2007), SC214(2006), SC217(2007),

SC218(2007), SC219(2007), SC239(2010), SC240(2011), SC241(2010), SC243(2012), SC245(2012), SC247(2011), SC250(2012), SC252(2011), SC253(2016), SC260(2015), SC262(2015), SC264(2013), SC268(2014), SC269(2016), SC270(2015), SC271(2015), SC272(2015), SC273(2015), SC275(2016), SC276(2016), SC277(2016), SC278(2016), SC282(2016), SC284(2018), SC285(2018), SC286(2018), SC287(2018), SC288(2018), **SC291(Jan 2020)** and **SC294(Feb 2020)**;
FTP1(2000), FTP2(2000), FTP3(2010), FTP4(2006), FTP5(2010) and FTP6(2015).

Recommendations (Rec.):

No. 123 (2012), No. 131 (2013) and No. 135 (2014)

TABLE 1 – REVIEW OF AMENDMENTS

This review comprises amendments in relation to the Rules for the Classification of Ships, Part 17 – Fire protection, edition January 2020.

<i>ITEM</i>	<i>DESCRIPTION OF THE AMENDMENTS</i>
SECTION 3 – DEFINITIONS AND EXPLANATIONS	
sub-item 3.1.2.30	is changed (inclusion of IACS UI SC 294)
SECTION 9 – STRUCTURAL INTEGRITY AND CONTAINMENT OF FIRE	
sub-item 9.2.2.3.2.2(10)	is changed (inclusion of IACS UI SC 294)
sub-item 9.2.2.4.2.2(7)	is changed (inclusion of IACS UI SC 294)
sub-item 9.2.3.3.2.2(7)	is changed (inclusion of IACS UI SC 294)
sub-item 9.2.4.2.2.2(7)	is changed (inclusion of IACS UI SC 294)
SECTION 10 – FIRE FIGHTING	
item 10.10.4	is changed (inclusion of IACS UI SC 291)

3 DEFINITIONS AND EXPLANATIONS

■ Head **3.1 DEFINITIONS**, sub-item 3.1.2.30 is changed and should be read as follows:

3.1.2.30 Machinery spaces – machinery spaces of category A and other spaces containing propulsion machinery, boilers, oil fuel units, steam and internal combustion engines, generators and major electrical machinery, oil filling stations, refrigerating, stabilizing, ventilation and air conditioning machinery, and similar spaces, and trunks to such spaces. **See IACS UI SC 294.**

9 STRUCTURAL INTEGRITY AND CONTAINMENT OF FIRE

■ Head **9.2 – THERMAL AND STRUCTURAL BOUNDARIES**, sub-items 9.2.2.3.2.2(10), 9.2.2.4.2.2(7), 9.2.3.3.2.2(7) and 9.2.4.2.2.2(7) are changed and should be read as follows:

- 9.2.2.3.2.2** (10) Tanks, voids and auxiliary machinery spaces having little or no fire risk:
Water tanks forming part of the ship's structure.
Voids and cofferdams.
Auxiliary machinery spaces which do not contain machinery having a pressure lubrication system and where storage of combustibles is prohibited, such as:
ventilation and air-conditioning rooms; windlass room; steering gear room; stabilizer equipment room; electrical propulsion motor room; rooms containing section switchboards and purely electrical equipment other than oil-filled electrical transformers (above 10 kVA); shaft alleys and pipe tunnels; spaces for pumps and refrigeration machinery (not handling or using flammable liquids).
Closed trunks serving the spaces listed above.
Other closed trunks such as pipe and cable trunks. See MSC.1/Circ.1616 and IACS UI SC 294.
- 9.2.2.4.2.2** (7) Other machinery spaces:
Electrical equipment rooms (see the *Rules, Part 12 – Electrical Equipment*, 1.2.7), auto-telephone exchange and air-conditioning duct spaces.
Spaces as defined in 3.1.2.30, excluding machinery spaces of category A.
See MSC.1/Circ.1616.
See IACS UI SC 167, Rev.1 and IACS UI SC 294.
- 9.2.3.3.2.2** (7) Other machinery spaces:
Electrical equipment rooms (auto-telephone exchange, air-conditioning duct spaces). Spaces as defined in 3.1.2.30, excluding machinery spaces of category A. See MSC.1/Circ.1616 and IACS UI SC 294.
- 9.2.4.2.2.2** (7) Other machinery spaces
Electrical equipment rooms (auto-telephone exchange and air-conditioning duct spaces). Spaces as defined in 3.1.2.30, excluding machinery spaces of category A. See MSC.1/Circ.1616 and IACS UI SC 294.

10 FIRE FIGHTING

■ Head **10.10** - FIRE-FIGHTER'S OUTFITS, item 10.10.4 is changed and should be read as follows:

10.10.4 Fire-fighter's communication

10.10.4.1 A minimum of two two-way portable radiotelephone apparatus for each fire party for fire-fighter's communication shall be carried on board. Those two-way portable radiotelephone apparatus shall be of an explosion-proof type or intrinsically safe. See MSC.1/Circ.1616 and IACS UI SC 291.