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ANNEX

ANNEX

to the

Commission Implementing Regulation (EU) .../...

laying down rules for the application of Directive 2014/90/EU of the European Parliament and of the Council, as regards design, construction and performance requirements and testing standards for marine equipment and repealing Implementing Regulation (EU) 2025/1533

ANNEX

General note: references to 'SOLAS' Regulations refer to the provisions of the International Convention for the Safety of Life at Sea [signed in London on 1 November 1974], as amended.

List of acronyms used.

A.1, Amendment 1 concerning Standard Documents other than IMO.

A.2, Amendment 2 concerning Standard Documents other than IMO.

AC, Amending Corrigendum concerning Standard Documents other than IMO.

CAT, Category for radar equipment as defined in section 1.3 of IEC 62388 (2007)

Circ., Circular.

COLREG, International Regulations for Preventing Collisions at Sea.

COMSAR, IMO's Sub-Committee on Radiocommunications and Search and Rescue.

DIN, Deutsches Institut für Normung.

EN, European Standard.

ETSI, European Telecommunication Standardisation Institute.

FSS, International Code for Fire Safety Systems.

FTP, International Code for Application of Fire Test Procedures.

GNSS, Global Navigation Satellite System.

HSC, High Speed Craft Code.

IBC, International Bulk Chemical Code.

IACS, International Association for Classification Societies.

ICAO, International Civil Aviation Organization.

IEC, International Electrotechnical Commission.

IGC, International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk.

IMO, International Maritime Organization.

IR, Implementing Regulation.

ISO, International Organisation for Standardization.

ITU, International Telecommunication Union.

LSA, Life saving appliance.

MARPOL, International Convention for the Prevention of Pollution from Ships.

MED, Marine Equipment Directive.

MEPC, Marine Environment Protection Committee.

MSC, Maritime Safety Committee.

NF, Norme Française.

NOx, Nitrogen Oxides.

O_2/HC systems: Oxygen Hydrocarbon systems.

SOLAS, International Convention for the Safety of Life at Sea.

SOx, Sulphur Oxides.

Reg., Regulation.

Res., Resolution.

Notes applicable to this Annex.

(a) General: in addition to the testing standards specifically referred to in this Annex, type-examination (type approval) requires compliance with the applicable requirements of the international conventions and the relevant resolutions and circulars of the IMO. Such compliance is referred to in the modules for conformity assessment set out in Annex II to Directive 2014/90/EU.

(b) Column 3: where two sets of testing standards are separated by "or", each set fulfils all the testing requirements to meet IMO Performance Standards. Therefore, testing in accordance with one of those sets is sufficient to demonstrate compliance with the requirements of the relevant international instruments. On the contrary, when other separators (such as comma) are used, all the listed references apply.

(c) Column 6: in order to take into consideration, the timeframes for shipbuilding, depending on the characteristics of the specific marine equipment, the term 'placing on board' shall be understood as meaning one of the following, as indicated in brackets after the dates:

(i) first installation of the equipment in its functional position on board an EU ship;

(ii) first installation of the equipment in its functional position or stowing in its functional position on board an EU ship;

(iii) delivery of the equipment to the shipyard if such delivery takes place within 30 months before the first installation of the equipment in its functional position.

(d) Where there is more than one row for one marine equipment item entry (for example MED/1.1), the lowest row contains the updated requirements of the international instruments in respect to the ones set out on the upper row or rows.

(e) In the situations referred to in point (d) where columns 5 and 6 contain no date, that indicates that there has been no change in the testing standards and that the marine equipment item concerned must comply with the requirements indicated in the (second) lower row.

(f) If an international instrument listed in column 3 is followed by the words 'as amended', the dates and transition periods as foreseen in the amendment(s) to the international instrument shall apply.

1. Life-saving appliances

Note: The latest available revision of IMO MSC.1/Circulars 1628, 1629, 1630, 1631, 1632 and 1633 – applicable for test reports at the time of testing - shall apply except when superseded by specific instruments.

Number and item designation	Regulations of SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
1	2	3	4	5	6
MED/1.1 Lifebuoys Row 1 of 3	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				
MED/1.1 Lifebuoys - not intended for combined use with item MED/1.10 - intended for combined use with item MED/1.10 *Note: if it is intended to operate the quick-release arrangement provided for the self-activated smoke signals and self-igniting*	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	
	Carriage and performance requirements - SOLAS 74 Reg. III/7,				

lights, these items shall have a mass of not less than 4 kg (refer also to item MED/1.3). Row 2 of 2	- SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102).				
1	2	3	4	5	6
MED/1.2a Position-indicating lights for life-saving appliances: - for survival craft and rescue boats Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those referred to in IMO Res. MSC 81(70), clause 10.4 shall be carried out. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.	- IMO Res. MSC.81(70), as amended, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ISO 24408:2005. Or: - IMO Res. MSC.81(70), as amended, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - ISO 24408:2005	B+D B+E B+F	12.8.2020	
1	2	3	4	5	6
MED/1.2b Position-indicating lights for life-saving appliances:	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D B+E B+F	12.8.2020	

- for lifebuoys Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those referred to in IMO Res. MSC 81(70), clause 10.4 shall be carried out. Row 1 of 1	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res.MSC.97(73)-(2000 HSC Code) 8.	- ISO 24408:2005. Or: - IMO Res. MSC.81(70), as amended, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - ISO 24408:2005.			

1	2	3	4	5	6
MED/1.2c Position-indicating lights for life-saving appliances: - for lifejackets Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those referred to in IMO Res. MSC 81(70), clause 10.4 shall be carried out. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res .MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.	- IMO Res. MSC.81(70), as amended, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ISO 24408:2005. Or: - IMO Res. MSC.81(70), as amended, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - ISO 24408:2005.	B+D B+E B+F	12.8.2020	

1	2	3	4	5	6
MED/1.3 Lifebuoys self-activating smoke signals Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - ISO 15736:2006.	B+D B+E B+F	12.8.2020	
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.4 Lifejackets Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8,				

	- IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.922, - IMO MSC.1/Circ.1304, - IMO MSC.1/Circ.1470.				
MED/1.4 Lifejackets Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.922, - IMO MSC.1/Circ.1304, - IMO MSC.1/Circ.1470.				

1	2	3	4	5	6

MED/1.5a Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: - immersion suit without inherent insulation Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.1046.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
MED/1.5a Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: - immersion suit without inherent insulation Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II,	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	

	- IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.1046.				
1	2	3	4	5	6
MED/1.5b Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: - immersion suit with inherent insulation Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.1046.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
MED/1.5b Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	

lifejacket: - immersion suit with inherent insulation Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.1046.				
1	2	3	4	5	6
MED/1.5c Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: - anti-exposure suits Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8,				

	- IMO MSC/Circ.1046.				
MED/1.5c Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: - anti-exposure suits Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.1046.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	

1	2	3	4	5	6
MED/1.6a Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket:	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)

- immersion suit without inherent insulation Row 1 of 2	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.1046.				
MED/1.6a Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: - immersion suit without inherent insulation Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.1046.				

1	2	3	4	5	6
MED/1.6b Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: - immersion suit with inherent insulation Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.1046.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
MED/1.6b Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: - immersion suit with inherent insulation Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34,	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	

	- IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.1046.				

1	2	3	4	5	6
MED/1.6c Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: - anti-exposure suits Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.1046.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
MED/1.6c Immersion suits and anti-exposure suits	Type approval requirements - SOLAS 74 Reg. III/4,	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E	10.10.2023	

designed to be worn WITHOUT a lifejacket: - anti-exposure suits Row 2 of 2	- SOLAS 74 Reg. X/3.		B+F		
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.1046.				

1	2	3	4	5	6
MED/1.7 Thermal protective aids Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. III/22, - SOLAS 74 Reg. III/32, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8,				

	- IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.1046.				

1	2	3	4	5	6
MED/1.8 Rocket parachute flares (pyrotechnics) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - ISO 15736:2006.	B+D B+E B+F	12.8.2020	
	Carriage and performance requirements - SOLAS 74 Reg. III/6, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) III, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.9 Hand flares (pyrotechnics) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70),as amended, - ISO 15736:2006.	B+D B+E B+F	12.8.2020	

	Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) III, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.10 Buoyant smoke signals (pyrotechnics) Row 1 of 1 Note: See also item MED/1.1.	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - ISO 15736:2006.	B+D B+E B+F	12.8.2020	
	Carriage and performance requirements - SOLAS 74 Reg. III/7, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) II, - IMO Res. MSC.48(66)-(LSA Code) III.				

1	2	3	4	5	6
MED/1.11 Line-throwing appliances Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - ISO 15736:2006.	B+D B+E B+F	12.8.2020	

	Carriage and performance requirements - SOLAS 74 Reg. III/18, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VII, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.12 Inflatable liferafts Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended. And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+E B+F		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/13, - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.				

MED/1.12 Inflatable liferafts Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/13, - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102). And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+E B+F	10.10.2023	

1	2	3	4	5	6
MED/1.13 Rigid liferafts Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)

	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				
MED/1.13 Rigid liferafts Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	
	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102).				

1	2	3	4	5	6

MED/1.14a Automatically self-righting liferafts: - inflatable Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.809, - IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.	- IMO Res. MSC.81(70), as amended. And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+E B+F		10.10.2026 (ii)
MED/1.14a Automatically self-righting liferafts: - inflatable Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102),	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102). And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+E B+F	10.10.2023	

	- IMO MSC/Circ.809, - IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.				

1	2	3	4	5	6
MED/1.14b Automatically self-righting liferafts: - rigid Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.809, - IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.				
MED/1.14b Automatically self-righting liferafts: - rigid	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102).	B+D B+E B+F	10.10.2023	

Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.809, - IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.				

1	2	3	4	5	6
MED/1.15 Canopied reversible liferafts Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended. And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+E B+F		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.809,				

	- IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.				
MED/1.15 Canopied reversible liferafts Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC/Circ.809, - IMO MSC/Circ.811, - IMO MSC.1/Circ.1328.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102). And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+E B+F	10.10.2023	

1	2	3	4	5	6
MED/1.16 Float-free arrangements for liferafts (hydrostatic release units)	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		

Row 1 of 1	Carriage and performance requirements - SOLAS 74 Reg. III/13, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC/Circ.811.				

1	2	3	4	5	6
MED/1.17a Lifeboats Davit-launched lifeboats: - partially enclosed - totally enclosed Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO MSC/Circ.1006.	B+D B+F G		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC.1/Circ.1423.				

MED/1.17a Lifeboats Davit-launched lifeboats: - partially enclosed - totally enclosed Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC.1/Circ.1423.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - IMO MSC/Circ.1006.	B+D B+F G	10.10.2023	

1	2	3	4	5	6
MED/1.17b Lifeboats Free-fall lifeboats Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8,	- IMO Res. MSC.81(70), as amended, - IMO MSC/Circ.1006.	B+D B+F G		10.10.2026 (ii)

	- IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC.1/Circ.1423.				
MED/1.17b Lifeboats Free-fall lifeboats Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - IMO MSC/Circ.1006.	B+D B+F G	10.10.2023	
	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102), - IMO MSC.1/Circ.1423.				

1	2	3	4	5	6
MED/1.17c Davit-launched lifeboats used as a rescue boat: - partially enclosed	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO MSC/Circ.1006.	B+D B+F G	15.8.2022	10.10.2026 (ii)

- totally enclosed Note: New item inserted by Implementing Regulation (EU) 2022/1157 Row 1 of 2	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC.1/Circ.1423, - IMO MSC.1/Circ.1630, - IMO MSC.1/Circ.1631.				
MED/1.17c Davit-launched lifeboats used as a rescue boat: - partially enclosed - totally enclosed Note: New item inserted by Implementing Regulation (EU) 2022/1157 Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8,	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - IMO MSC/Circ.1006.	B+D B+F G	10.10.2023	

	- IMO Res. MSC.481(102), - IMO MSC.1/Circ.1423.				

1	2	3	4	5	6
MED/1.18 Rigid rescue boats Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO MSC/Circ.1006.	B+D B+F G		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				
MED/1.18 Rigid rescue boats Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - IMO MSC/Circ.1006.	B+D B+F G	10.10.2023	
	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31,				

	- SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102).				

1	2	3	4	5	6
MED/1.19 Inflated rescue boats Row 1 of 3	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - ISO 15372:2000.	B+D B+F G		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				
MED/1.19 Inflated rescue boats Row 2 of 3	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - ISO 15372:2000.	B+D B+F G	10.10.2023	4.9.2027 (ii)

	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102).				
MED/1.19 Inflated rescue boats Row 3 of 3	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - ISO 15372:2000 incl. A1:2021.	B+D B+F G	4.9.2024	
	Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102).				

1	2	3	4	5	6

MED/1.20a Fast rescue boats: - inflated Row 1 of 3	Type approval requirements - SOLAS 74 Reg. III/4. Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.	- IMO Res. MSC.81(70), as amended, - ISO 15372:2000.	B+D B+F G		10.10.2026 (ii)
MED/1.20a Fast rescue boats: - inflated Row 2 of 3	Type approval requirements - SOLAS 74 Reg. III/4. Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.481(102), - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - ISO 15372:2000.	B+D B+F G	10.10.2023	4.9.2027 (ii)

MED/1.20a Fast rescue boats:	Type approval requirements - SOLAS 74 Reg. III/4.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102),	B+D B+F	4.9.2024	4.9.2027 (ii)

- inflated Row 3 of 3	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.481(102), - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.	- ISO 15372:2000 incl. A1:2021.	G		

1	2	3	4	5	6
MED/1.20b Fast rescue boats: - rigid Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4.	- IMO Res. MSC.81(70), as amended, - IMO MSC/Circ.1006.	B+D B+F G		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.				
MED/1.20b Fast rescue boats:	Type approval requirements - SOLAS 74 Reg. III/4.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102),	B+D B+F	10.10.2023	

- rigid Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.481(102), - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.	- IMO MSC/Circ.1006.	G		

1	2	3	4	5	6
MED/1.20c Fast rescue boats: - rigid-inflated Row 1 of 3	Type approval requirements - SOLAS 74 Reg. III/4.	- IMO Res. MSC.81(70), as amended, - IMO MSC/Circ.1006, - ISO 15372:2000.	B+D B+F G		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.				
MED/1.20c Fast rescue boats:	Type approval requirements - SOLAS 74 Reg. III/4.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102),	B+D B+F	10.10.2023	4.9.2027 (ii)

- rigid-inflated Row 2 of 3	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.481(102), - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.	- IMO MSC/Circ.1006, - ISO 15372:2000.	G		

MED/1.20c Fast rescue boats: - rigid-inflated Row 3 of 3	Type approval requirements - SOLAS 74 Reg. III/4. Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.481(102), - IMO MSC/Circ.1016, - IMO MSC/Circ.1094.	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - IMO MSC/Circ.1006, - ISO 15372:2000 incl. A1:2021.	B+D B+F G	4.9.2024	

1	2	3	4	5	6
MED/1.21	Type approval requirements	- IMO Res. MSC.81(70), as amended.	B+D		

Launching appliances using falls (davits) Row 1 of 1	- SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.		B+E B+F G		
	Carriage and performance requirements - SOLAS 74 Reg. III/23, - SOLAS 74 Reg. III/33, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

Item MED/1.22, Float-free launching appliances for survival craft, - moved to MED/9/1.3 and deleted by Implementing Regulation (EU) 2023/1667.

1	2	3	4	5	6
MED/1.23 Launching appliances for free-fall lifeboats Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F G		
	Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/23, - SOLAS 74 Reg. III/33, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I,				

	- IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.24 Liferaft launching appliances. (Davits) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/12, - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F G		

1	2	3	4	5	6
MED/1.25 Fast rescue boat launching appliances.	Type approval requirements - SOLAS 74 Reg. III/4.	- IMO Res. MSC.81(70), as amended.	B+D B+E		

(Davits) Row 1 of 1	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI.		B+F G		

1	2	3	4	5	6
MED/1.26a Release mechanism for: - lifeboats and rescue boats (launched by a fall or falls) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC.1/Circ.1419.				

1	2	3	4	5	6
MED/1.26b Release mechanism for:	Type approval requirements - SOLAS 74 Reg. III/4,	- IMO Res. MSC.81(70), as amended.	B+D B+E		

- liferafts (launched by a fall or falls) Row 1 of 1	- SOLAS 74 Reg. X/3.		B+F		
	Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.26c Release mechanism for: - free fall lifeboats Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.27 Marine evacuation systems Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+F G		
	Carriage and performance requirements - SOLAS 74 Reg. III/15, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.28 Means of rescue Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4.	- IMO Res. MSC.81(70), as amended.	B+D B+F		23.9.2028 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI.				

MED/1.28 Means of rescue Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4. Carriage and performance requirements - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI.	- IMO Res. MSC.81(70), as amended, - IMO MSC.1/Circ.810.	B+D B+F	23.9.2025	

1	2	3	4	5	6
MED/1.29 Embarkation ladders Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. III/11, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/11, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC.1/Circ.1285.	- IMO Res. MSC.81(70), as amended, - ISO 5489:2008.	B+D B+E B+F		23.9.28 (i)

MED/1.29 Embarkation ladders Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. III/11, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/11, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC.1/Circ.1285.	- IMO Res. MSC.81(70), as amended, - ISO 5489:2024.	B+D B+E B+F	23.9.25	

1	2	3	4	5	6
MED/1.30 Retro-reflective materials Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.	- IMO Res. MSC.481(102).	B+D B+E B+F	15.8.2022	

Item MED/1.31, Survival craft two-way VHF radio telephone apparatus, - moved to MED/5.17 and MED/5.18.

Item MED/1.32, 9 GHz SAR transponder (SART), - moved to MED/4.18.

1	2	3	4	5	6
MED/1.33 Radar reflector for lifeboats and rescue boats (passive) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. A.384(X), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.164(78).	- EN ISO 8729:1998, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - EN ISO 8729:1998, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - ISO 8729-1:2010, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - ISO 8729-1:2010, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F		

Item MED/1.34, Magnetic compass Class B for lifeboats and rescue boats, - moved to MED/4.23.

Item MED/1.35, Portable fire-extinguishing equipment for lifeboats and rescue boats - moved to MED/3.38.

1	2	3	4	5	6
MED/1.36 Lifeboat /rescue boat propulsion engine Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		

	Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V.				

1	2	3	4	5	6
MED/1.37 Rescue boat propulsion engine - outboard motor Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) V.				

1	2	3	4	5	6
MED/1.38 Searchlights for use in lifeboats and rescue boats Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - IMO Res. MSC.81(70), as amended, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F	13.9.2019	
	Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I,				

	- IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.39 Open reversible liferafts Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) Annex 10, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) Annex 11, - IMO MSC.1/Circ.1328.	- IMO Res. MSC.36(63)-(1994 HSC Code) Annex 10, - IMO Res. MSC.97(73)-(2000 HSC Code) Annex 11. And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+F		10.10.2026 (ii)
MED/1.39 Open reversible liferafts Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code)	- IMO Res. MSC.36(63)-(1994 HSC Code) Annex 10, - IMO Res. MSC.97(73)-(2000 HSC Code) Annex 11, - IMO Res. MSC.481(102). And for extended service intervals: - IMO MSC.1/Circ.1328.	B+D B+F	10.10.2023	

	Annex 10, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) Annex 11, - IMO Res. MSC.481(102), - IMO MSC.1/Circ.1328.				

Item MED/1.40, Mechanical pilot hoist, - moved to MED/4.48.

1	2	3	4	5	6
MED/1.41a Winches for survival craft and rescue boats: - davit launched lifeboats Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F G		
	Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/23, - SOLAS 74 Reg. III/24, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.41b Winches for survival craft and rescue boats: - free-fall lifeboats Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/23, - SOLAS 74 Reg. III/24, - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F G		

1	2	3	4	5	6
MED/1.41c Winches for survival craft and rescue boats: - liferafts Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/17, - SOLAS 74 Reg. III/23, - SOLAS 74 Reg. III/24, - SOLAS 74 Reg. III/34,	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F G		

	- IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/1.41d Winches for survival craft and rescue boats: - rescue boats Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/17, - SOLAS 74 Reg. III/23, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.	- IMO Res. MSC.81(70), as amended.	B+D B+E B+F G		

1	2	3	4	5	6
MED/1.41e Winches for survival craft and rescue boats:	Type approval requirements - SOLAS 74 Reg. III/4,	- IMO Res. MSC.81(70), as amended.	B+D B+E		

- fast rescue boats Row 1 of 1	- SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/16, - SOLAS 74 Reg. III/17, - SOLAS 74 Reg. III/23, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) VI, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.		B+F G		

Item MED/1.42, Pilot ladder, - moved to MED/4.49.

1	2	3	4	5	6
MED/1.43 Rigid-inflated rescue boats Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I,	- IMO Res. MSC.81(70), as amended, - IMO MSC/Circ.1006, - ISO 15372:2000 + A1:2021.	B+D B+F G	15.8.2022	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (ii)

	- IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				
MED/1.43 Rigid-inflated rescue boats Row 2 of 2 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/21, - SOLAS 74 Reg. III/31, - SOLAS 74 Reg. III/34, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.481(102).	- IMO Res. MSC.81(70), as amended, - IMO Res. MSC.481(102), - IMO MSC/Circ.1006, - ISO 15372:2000 + A1:2021.	B+D B+F G	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/1.44a Public Address and General Alarm Systems (PAGA) - Control and distribution system Note: The certificate shall specify for which of the following categories of ship and systems the equipment is suitable:	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3, - IMO Res.MSC.36(63)-(1994 HSC Code) 4, - IMO Res.MSC.36(63)-(1994 HSC Code) 8, - IMO Res.MSC.97(73)-(2000 HSC Code) 4,	- EN 50695:2021, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E B+F G	15.8.2022	23.9.2028 (i)

Ship: - Cargo ship - Passenger ship (excluding Safe Return to Port) - Passenger ship (including Safe Return to Port) Systems: - General Alarm (GA) systems - Public Address (PA) systems - Public Address and General Alarm (PAGA) systems New item inserted by Implementing Regulation (EU) 2022/1157 (moved from MED/9/1.5) Row 1 of 2	- IMO Res.MSC.97(73)-(2000 HSC Code) 8. Carriage and performance requirements - SOLAS 74 Reg. II-2/12, - SOLAS 74 Reg. II-2//21, - SOLAS 74 Reg. II-2/22, - SOLAS 74 Reg. III/6, - IMO Res. A.1021(26) 5, - IMO Res. MSC.48(66)-(LSA Code) VII, - IMO Res. MSC.36(63)-(1994 HSC Code) 4, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 4, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.302(87), - IMO MSC.1/Circ.808, - IMO MSC.1/Circ.1369/Add.1.	IEC 61162-450:2018, - EN IEC 62288:2022, - EN 62923-1:2018, - EN 62923-2:2018. Or: - EN 50695:2021, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			

MED/1.44a Public Address and General Alarm Systems (PAGA) - Control and distribution system Note: The certificate shall specify for which of the following categories of ship and systems the equipment is suitable:	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3, - IMO Res.MSC.36(63)-(1994 HSC Code) 4, - IMO Res.MSC.36(63)-(1994 HSC Code) 8, - IMO Res.MSC.97(73)-(2000 HSC Code) 4, - IMO Res.MSC.97(73)-(2000 HSC Code) 8.	- EN 50695:2021, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024,	B+D B+E B+F G	23.9.2025	

Ship: - Cargo ship - Passenger ship (excluding Safe Return to Port) - Passenger ship (including Safe Return to Port) Systems: - General Alarm (GA) systems - Public Address (PA) systems - Public Address and General Alarm (PAGA) systems New item inserted by Implementing Regulation (EU) 2022/1157 (moved from MED/9/1.5) Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. II-2/12, - SOLAS 74 Reg. II-2/21, - SOLAS 74 Reg. II-2/22, - SOLAS 74 Reg. III/6, - IMO Res. A.1021(26) 5, - IMO Res. MSC.48(66)-(LSA Code) VII, - IMO Res. MSC.36(63)-(1994 HSC Code) 4, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 4, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.302(87), - IMO MSC.1/Circ.808, - IMO MSC.1/Circ.1369/Add.1.	- EN IEC 62288:2022, incl. Amd 1:2024, - EN 62923-1:2018, - EN 62923-2:2018. And as applicable, electrical, and electronic installations outside the ship's bridge: - IEC 60533:2015. Or: - EN 50695:2021, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021, incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And as applicable, electrical, and electronic installations outside the ship's bridge: - IEC 60533:2015.			

1	2	3	4	5	6

MED/1.44b Public Address and General Alarm Systems (PAGA) - Speakers (When used as fire alarm device item MED/3.53 shall apply.) New item inserted by Implementing Regulation (EU) 2022/1157 (moved from MED/9/1.5) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III 4, - SOLAS 74 Reg. X/3, - IMO Res.MSC.36(63)-(1994 HSC Code) 4, - IMO Res.MSC.36(63)-(1994 HSC Code) 8, - IMO Res.MSC.97(73)-(2000 HSC Code) 4, - IMO Res.MSC.97(73)-(2000 HSC Code) 8. Carriage and performance requirements - SOLAS 74 Reg. II-2/12, - SOLAS 74 Reg. II-2//21, - SOLAS 74 Reg. II-2/22, - SOLAS 74 Reg. III/6, - IMO Res. A.1021(26) 5, - IMO Res. MSC.48(66)-(LSA Code) VII, - IMO Res. MSC.36(63)-(1994 HSC Code) 4, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 4, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO MSC.1/Circ.808, - IMO MSC.1/Circ.1369/Add.1.	- EN 50695:2021, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - EN 50695:2021, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F G	15.8.2022	

2. Marine pollution prevention

Number and item designation	Regulations of Marpol 73/78, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
1	2	3	4	5	6
MED/2.1 Oil-filtering equipment (for an oil content of the effluent not exceeding 15 p.p.m.) Row 1 of 1	Type approval requirements - MARPOL 73/78 Annex I, Reg. 14. Carriage and performance requirements - MARPOL 73/78 Annex I, Reg. 14, - IMO MEPC.1/Circ. 643.	- IMO Res. MEPC.107(49), as amended, - IMO MEPC.1/Circ. 643.	B+D B+E B+F		

1	2	3	4	5	6
MED/2.2 Oil/water interface detectors Row 1 of 1	Type approval requirements - MARPOL 73/78 Annex I, Reg. 32. Carriage and performance requirements - MARPOL 73/78 Annex I, Reg. 32.	- IMO Res. MEPC.5(XIII).	B+D B+E B+F		

1	2	3	4	5	6
MED/2.3 Oil-content meters	Type approval requirements - MARPOL 73/78 Annex I, Reg. 14.	- IMO Res. MEPC.107(49), as amended, - IMO MEPC.1/Circ. 643.	B+D B+E		

Row 1 of 1	Carriage and performance requirements - MARPOL 73/78 Annex I, Reg. 14, - IMO MEPC.1/Circ. 643.		B+F		

Item MED/2.4, Process units intended for attachment to existing oil/water separating equipment (for an oil content of the effluent not exceeding 15p.p.m.), - has been deliberately left blank.

1	2	3	4	5	6
MED/2.5 Oil discharge monitoring and control system for oil tankers Row 1 of 1	Type approval requirements - MARPOL 73/78 Annex I, Reg. 31, - IMO MEPC.1/Circ.858.	- IMO Res. MEPC.108(49), as amended.	B+D B+E B+F		
	Carriage and performance requirements - MARPOL 73/78 Annex I, Reg. 31.				
MED/2.6a Sewage systems (for use by passenger ships in all areas, including a MARPOL Annex IV special area). Row 1 of 1	Type approval requirements - MARPOL 73/78 Annex IV, Reg. 9.	- IMO Res. MEPC.227(64), including section 4.2.	B+D B+E B+F G	16.3.2017	
	Carriage and performance requirements - MARPOL 73/78 Annex IV, Reg. 9.				
MED/2.6b Sewage systems (for use by ships, other than passenger ships, in all areas and by passenger ships outside	Type approval requirements - MARPOL 73/78 Annex IV, Reg. 9.	- IMO Res. MEPC.227(64), excluding section 4.2.	B+D B+E B+F G	16.3.2017	
	Carriage and performance requirements				

MARPOL Annex IV special areas). Row 1 of 1	- MARPOL 73/78 Annex IV, Reg. 9.				

1	2	3	4	5	6
MED/2.7 Shipboard incinerators (Incinerator plants with capacities up to 4 000 kW) Row 1 of 2	Type approval requirements - MARPOL 73/78 Annex VI, Reg. 16. Carriage and performance requirements - MARPOL 73/78 Annex VI, Reg. 16.	- IMO Res. MEPC.244(66).	B+D B+E B+F G	16.3.2017	4.9.2027 (iii)
MED/2.7 Shipboard incinerators (Incinerator plants with capacities up to 4 000 kW) Row 2 of 2	Type approval requirements - MARPOL 73/78 Annex VI, Reg. 16. Carriage and performance requirements - MARPOL 73/78 Annex VI, Reg. 16.	- IMO Res. MEPC.244(66). - IMO Res. MEPC.368(79).	B+D B+E B+F G	4.9.2024	

1	2	3	4	5	6
MED/2.8 NOx analyser permanently placed on board and for use on board as per NOx Technical Code 2008 Row 1 of 1	Type approval requirements - IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 13). Carriage and performance requirements - IMO Res. MEPC.176(58) - (Revised	- IMO Res. MEPC.177(58) - (NOx Technical Code 2008), as amended.	B+D B+E B+F G		

	MARPOL Annex VI, Reg. 13), - IMO Res. MEPC.177(58) - (NOx Technical Code 2008), - IMO Res. MEPC.291(71).				

Item MED/2.9, Equipment using other technological methods to limit SOx emissions, - moved to MED/9/2.4.

1	2	3	4	5	6
MED/2.10 On board exhaust gas cleaning systems Row 1 of 2	Type approval requirements - IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4), - IMO Res. MEPC.259(68).	- IMO Res. MEPC.259(68).	Scheme A: B+F G Scheme B: G	19.6.2018	10.10.2026 (iii)
	Carriage and performance requirements - IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4).				
MED/2.10 On board exhaust gas cleaning systems Row 2 of 2	Type approval requirements - IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4), - IMO Res. MEPC.340(77).	- IMO Res. MEPC.340(77).	Scheme A: B+F G Scheme B: G	10.10.2023	
	Carriage and performance requirements - IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4).				

3. Fire protection equipment

Number and item designation	Regulation SOLAS 74 as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
MED/3.1 Primary deck coverings Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/6, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/6, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
1	2	3	4	5	6
MED/3.2 Portable fire extinguishers Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 4.	- EN 3-7:2004 incl. A1:2007, - EN 3-8:2021, - EN 3-9:2006 incl. AC:2007, - EN 3-10:2009.	B+D B+E B+F	15.8.2022	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/18, - SOLAS 74 Reg. II-2/19,				

	- SOLAS 74 Reg. II-2/20, - IMO Res. A.951(23), - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 4, - IMO Res.MSC.391(95)-(IGF Code) 11, - IMO MSC/Circ.1239, - IMO MSC/Circ.1275 including Corr.1.				

1	2	3	4	5	6
MED/3.3a Fire-fighter's outfit: protective clothing (close proximity clothing): Row 1 of 1 Note: To be exclusively certified where compliant with “level of protection” X2 and “grade of protection” Y2+Z2. Note: Not applicable to heat-reflective (e.g., aluminised) clothing.	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 3.	- EN 469:2020.	B+D B+E B+F	4.9.2024	

Item MED/3.3b, Fire-fighter's outfit: protective clothing (close proximity clothing): protective clothing for firefighting: reflective clothing for specialised firefighting - deleted by Implementing Regulation (EU) 2024/1975.

Item MED/3.3c, Fire-fighter's outfit: protective clothing (close proximity clothing): protective clothing for firefighting - protective clothing with a reflective outer surface - deleted by Implementing Regulation (EU) 2024/1975.

1	2	3	4	5	6
MED/3.4 Fire-fighter's outfit: boots Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 3.	- EN 15090:2012.	B+D B+E B+F		23.9.2-28 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/15, - IMO Res. MSC.4(48)-(IBC Code) 11, - IMO Res. MSC.5(48)-(IGC Code) 11 - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 3.				
MED/3.4 Fire-fighter's outfit: boots Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 3.	- EN 15090:2012, excluding Type 1.	B+D B+E B+F	23.9.2025	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/15, - IMO Res. MSC.4(48)-(IBC Code) 11, - IMO Res. MSC.5(48)-(IGC Code) 11 - IMO Res. MSC.36(63)-(1994 HSC Code) 7,				

	- IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 3.				

MED/3.5 Fire-fighter's outfit: gloves Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 3.	- EN 659:2003 incl. A1:2008 and AC:2009.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/15, - IMO Res. MSC.4(48)-(IBC Code) 11, - IMO Res. MSC.5(48)-(IGC Code) 11, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 3.				

MED/3.6 Fire-fighter's outfit: helmet Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 3.	- EN 443:2008.	B+D B+E B+F		23.9.2028 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10,				

	- SOLAS 74 Reg. II-2/15, - IMO Res. MSC.4(48)-(IBC Code) 11, - IMO Res. MSC.5(48)-(IGC Code) 11, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res.MSC.97(73)-(2000 HSC Code) 7, - IMO Res.MSC.98(73)-(FSS Code) 3.				
MED/3.6 Fire-fighter's outfit: helmet Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/15, - IMO Res. MSC.4(48)-(IBC Code) 11, - IMO Res. MSC.5(48)-(IGC Code) 11, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res.MSC.97(73)-(2000 HSC Code) 7, - IMO Res.MSC.98(73)-(FSS Code) 3.	- EN 443:2008 excluding type A.	B+D B+E B+F	23.9.2025	

1	2	3	4	5	6
MED/3.7 Self-contained compressed-air-operated breathing apparatus	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3,	- ISO 23269-2:2011 (firefighting - maritime use only). Type 1 mask shall not be used in either	B+D B+E B+F		

Note: For use in accidents involving dangerous goods a positive pressure type mask is required. (Refer to item MED/7.1) Row 1 of 1	- IMO Res. MSC.98(73)-(FSS Code) 3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/15, - SOLAS 74 Reg. II-2/19, - IMO Res. MSC.4(48)-(IBC Code) 11, - IMO Res. MSC.5(48)-(IGC Code) 11, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 3, - IMO MSC.1/Circ.1499, - IMO MSC.1/Circ.1555.	MED/3.7 or MED/7.1. Note: Associated fireproof lifeline requested by ISO 23269-2 § 4.28 shall be MED certified as item MED 3.44 and used together with the breathing apparatus and capable of being attached by means of a snap-hook to the harness of the apparatus or to a separate belt in order to prevent the breathing apparatus becoming detached when the lifeline is operated. The breathing apparatus module B certificate shall indicate the MED fireproof lifeline as mandatory combined component.			
1	2	3	4	5	6
MED/3.8 Compressed air line breathing apparatus Row 1 of 1	Type approval requirements - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 7. Note: This equipment is only for high-speed craft built under provisions of the 1994 HSC Code. Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 7.	- EN 14593-1:2018. Or: - EN 14594:2018.	B+D B+E B+F	13.9.2019	

1	2	3	4	5	6

MED/3.9 Sprinkler systems components for accommodation spaces, service spaces and control stations equivalent to that referred to in SOLAS 74 Reg. II-2/12 (limited to nozzles and their performance) (Nozzles for fixed sprinkler systems, for high-speed craft (HSC) are included under this item). Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 8. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.44(65), - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 8, - IMO MSC/Circ.912, - IMO MSC/Circ. 1556.	- IMO Res. A.800(19),as amended.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.10 Nozzles for fixed pressure water spraying fire extinguishing systems for machinery spaces and cargo pump-rooms. Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7. Carriage and performance requirements	- IMO MSC/Circ.1165, as amended.	B+D B+E B+F		

Row 1 of 1	- SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7, - IMO Res. MSC.391(95)-(IGF Code) 11), - IMO MSC.1/Circ.1313.				

1	2	3	4	5	6
MED/3.11a 'A' & 'B' Class divisions fire integrity: - 'A' class division Row 1of 2	Type approval requirements - SOLAS 74 Reg. II-2/3.2, - IMO MSC/Circ.1120.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended, - IMO MSC.1/Circ.1435.	B+D B+E B+F		18.5.2025 (iii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3.2. - SOLAS 74 Reg. II-2/9, - IMO MSC/Circ.1120, - IMO MSC.1/Circ.1434, - IMO MSC.1/Circ.1616.				
MED/3.11a 'A' & 'B' Class divisions fire integrity: - 'A' class division Row 2of 2	Type approval requirements - SOLAS 74 Reg. II-2/3.2, - IMO MSC/Circ.1120.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended, - IMO MSC.1/Circ.1435.	B+D B+E B+F	18.5.2022	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3.2.				

	- SOLAS 74 Reg. II-2/9, - IMO MSC/Circ.1120, - IMO MSC.1/Circ.1434, - IMO MSC.1/Circ.1616, - IMO MSC.1/Circ.1621.				

1	2	3	4	5	6
MED/3.11b 'A' & 'B' Class divisions fire integrity: - 'B' class divisions Note: Where a B class bulkhead has been tested from only one side and has been designed to be installed with the untested side adjacent to the untested side of another B class bulkhead, the EC type-examination certificate shall include the conditions under which it can be installed on board ensuring that the level of protection indicated in the relevant fire integrity tables included in SOLAS Chapter II-2/Reg.9.2 Thermal and Structural Boundaries is always fulfilled. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3.4, - IMO MSC/Circ.1120. Carriage and performance requirements - SOLAS 74 Reg. II-2/3.4, - SOLAS 74 Reg. II-2/9, - IMO MSC/Circ.1120, - IMO MSC.1/Circ.1581.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

1	2	3	4	5	6

MED/3.12a Devices to prevent the passage of flame into the cargo tanks in tankers: - P/V valves Row 1 of 3	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO 16852:2016, - ISO 15364:2016.	B+F	19.6.2018	25.8.2024 (iii)
MED/3.12a Devices to prevent the passage of flame into the cargo tanks in tankers: - P/V valves Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO 16852:2016, - ISO 15364:2021.	B+F	25.8.2021	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)
MED/3.12a Devices to prevent the passage of flame into the cargo tanks in tankers: - P/V valves Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO/IEC 80079-49:2024, - ISO 15364:2021.	B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/3.12b Devices to prevent the passage of flame into the cargo tanks in tankers: - flame arresters Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO 16852:2016.	B+D B+E B+F	19.6.2018	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)
MED/3.12b Devices to prevent the passage of flame into the cargo tanks in tankers: - flame arresters Row 2 of 2 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO/IEC 80079-49:2024.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/3.12c Devices to prevent the passage of flame into the cargo tanks in tankers:	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16.	- IMO MSC/Circ.677, as amended, - EN ISO 16852:2016.	B+D B+E B+F	19.6.2018	[OP please insert the date =

- detonation flame arresters Row 1 of 2	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.				**36 months** after the date of entry into force of this Regulation] (ii)
MED/3.12c Devices to prevent the passage of flame into the cargo tanks in tankers: - detonation flame arresters Row 2 of 2 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO/IEC 80079-49:2024.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/3.12d Devices to prevent the passage of flame into the cargo tanks in tankers: - high velocity vent valves Row 1 of 3	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO 16852:2016, - ISO 15364:2016.	B+F	19.6.2018	25.8.2024 (iii)

MED/3.12d Devices to prevent the passage of flame into the cargo tanks in tankers: - high velocity vent valves Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO 16852:2016, - ISO 15364:2021.	B+F	25.8.2021	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)
MED/3.12d Devices to prevent the passage of flame into the cargo tanks in tankers: - high velocity vent valves Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/16. - IMO Res. MSC.98(73)-(FSS Code) 15.	- IMO MSC/Circ.677, as amended, - EN ISO/IEC 80079-49:2024. - ISO 15364:2021.	B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/3.13 Non-combustible materials Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/3,	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

	- SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

MED/3.14, Materials other than steel for pipes penetrating “A” and “B” Class divisions – Item included in MED/3.26 and MED/3.27.

1	2	3	4	5	6
MED/3.15a Materials other than steel for pipes conveying oil or fuel oil: - plastic pipes and fittings Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. X/3.	- IMO Res. A.753(18), as amended, - IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.36(63)-(1994 HSC Code) 10, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 10, - IMO MSC/Circ.1120.				

1	2	3	4	5	6
MED/3.15b Materials other than steel for pipes conveying oil or fuel oil:	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. X/3.	- EN ISO 10497:2010.	B+D B+E B+F		4.9.2027 (iii)

- valves Row 1 of 2	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.36(63)-(1994 HSC Code) 10, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 10, - IMO MSC/Circ.1120.				
MED/3.15b Materials other than steel for pipes conveying oil or fuel oil: - valves Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. X/3.	- EN ISO 10497:2022.	B+D B+E B+F	4.9.2024	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.36(63)-(1994 HSC Code) 10, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 10, - IMO MSC/Circ.1120.				
1	2	3	4	5	6
MED/3.15c Materials other than steel for pipes conveying oil or fuel oil: - flexible pipe assemblies and compensators Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. X/3.	- ISO 15540:2016, - ISO 15541:2016.	B+D B+E B+F	19.6.2018	
	Carriage and performance requirements				

	- SOLAS 74 Reg. II-2/4, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.36(63)-(1994 HSC Code) 10, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 10, - IMO MSC/Circ.1120.				
1	2	3	4	5	6
MED/3.15d Materials other than steel for pipes conveying oil or fuel oil: - metallic pipe components with resilient and elastomeric seals Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.36(63)-(1994 HSC Code) 10, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 10, - IMO MSC/Circ.1120, - IMO MSC/Circ.1527.	- ISO 19921:2005, - ISO 19922:2005.	B+D B+E B+F		
1	2	3	4	5	6
MED/3.16 Fire Doors Row 1 of 1 Note: Fire door control system components are	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended, - IMO MSC.1/Circ.1319	B+D B+E B+F		

subject to conformity assessment in accordance with item MED/3.17.	- SOLAS 74 Reg. II-2/9, - IMO MSC.1/Circ.1511 Rev.1.				

1	2	3	4	5	6
MED/3.17 Fire door control systems components Note: When the term "system components" is used it may be that a single component, a group of components or a whole system needs to be tested to ensure that the international requirements are fulfilled. Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.18a Surface materials and floor coverings with low flame-spread characteristics: - decorative veneers Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/6, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/6, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC/Circ.1120.				

1	2	3	4	5	6
MED/3.18b Surface materials and floor coverings with low flame-spread characteristics: - paint systems Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/6, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/6, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC/Circ.1120.				

1	2	3	4	5	6
MED/3.18c Surface materials and floor coverings with low flame-spread characteristics: - floor coverings Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/6, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/6, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC/Circ.1120.				

1	2	3	4	5	6
MED/3.18d Surface materials and floor coverings with low flame-spread characteristics: - pipe insulation covers Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5,				

	- IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC/Circ.1120.				

1	2	3	4	5	6
MED/3.18e Surface materials and floor coverings with low flame-spread characteristics: - adhesives used in the construction of 'A', 'B' & 'C' class divisions Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC/Circ.1120.				

1	2	3	4	5	6
MED/3.18f Surface materials and floor coverings with low flame-spread characteristics:	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5,	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

- combustible ducts membrane Row 1 of 1	- SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.				
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC/Circ.1120.				

1	2	3	4	5	6
MED/3.19 Draperies, curtains and other suspended textile materials and films Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended, - IMO MSC.1/Circ.1456, as amended.	B+D B+E B+F		23.9.2028 (i)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
MED/3.19 Draperies, curtains and other suspended textile	Type approval requirements - SOLAS 74 Reg. II-2/3,	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended,	B+D B+E	23.9.2025	

materials and films Row 2 of 2	- SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.	- IMO MSC.1/Circ.1456 Rev.1.	B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

1	2	3	4	5	6
MED/3.20a Upholstered furniture: - complete piece of furniture (including cover material, filling material and non- combustible rack) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F	12.8.2020	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
MED/3.20b Upholstered furniture:	Type approval requirements - SOLAS 74 Reg. II-2/3,	- IMO Res. MSC.307(88)-(2010 FTP Code), Annex 1 Part 8 Appendix 3, as amended.	B+D B+E	12.8.2020	

- cover material for any filling material Row 1 of 1	- SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.		B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
MED/3.20c Upholstered furniture: - cover material for flame-retardant filling material (tested in specific combination as intended for further application) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), Annex 1 Part 8 Appendix 3, as amended.	B+D B+E B+F	12.8.2020	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
MED/3.20d Upholstered furniture: - flame-retardant filling material	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5,	- IMO Res. MSC.307(88)-(2010 FTP Code), Annex 1 Part 8 Appendix 3, as amended.	B+D B+E B+F	12.8.2020	

Row 1 of 1	- SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.				
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/5, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
1	2	3	4	5	6
MED/3.21 Bedding components Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/9, - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/3, - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

1	2	3	4	5	6
MED/3.22	Type approval requirements	- IMO Res. MSC.307(88)-(2010 FTP Code), as	B+D		

Fire dampers Row 1 of 1	- SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9, - IMO MSC.1/Circ.1655.	amended.	B+E B+F		

Item MED/3.23, Non-combustible duct penetrations through ‘A’ class divisions - Item deliberately left blank.

Item MED/3.24, Electric cable transits through ‘A’ class divisions - Item deliberately left blank.

1	2	3	4	5	6
MED/3.25 "A" and "B" class fireproof windows and side scuttles Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.5(48)-(IGC Code) 3, - IMO MSC/Circ.1120.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.26a Penetrations through 'A' class divisions: - electric cable transits Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended, - IMO MSC.1/Circ. 1488.	B+D B+E B+F		

	- SOLAS 74 Reg. II-2/9, - IMO Res. MSC.1/Circ.1655.				

1	2	3	4	5	6
MED/3.26b Penetrations through 'A' class divisions: - pipe, duct, trunk, etc. penetrations Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.1/Circ.1276 Rev.1, - IMO Res. MSC.1/Circ.1655.	- IMO Res .MSC.307(88)-(2010 FTP Code), as amended, - IMO MSC.1/Circ. 1488.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.26c Penetrations through 'A' class divisions: - busbar trunking penetration systems Row 1 of 1 New item inserted by Implementing Regulation (EU) 2022/1157	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.1/Circ.1655.	- IMO Res .MSC.307(88)-(2010 FTP Code), as amended, - IMO MSC.1/Circ. 1488.	B+D B+E B+F		

1	2	3	4	5	6

MED/3.27a Penetrations through 'B' class divisions: - electric cable transits Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.1/Circ.1655.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.27b Penetrations through 'B' class divisions: - pipe, duct, trunk, etc. penetrations Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9, - IMO Res. MSC.1/Circ.1655.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.28 Sprinkler systems (limited to sprinkler heads) (Nozzles for fixed sprinkler systems, for high-speed craft (HSC) are included under this item). Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/7,	- ISO 6182-1:2014. Or: - EN 12259-1:1999 incl. A1:2001, A2:2004 and A3:2006.	B+D B+E B+F		15.8.2025 (iii)

Row 1 of 2	- SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.44(65), - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 8, - IMO MSC/Circ.912, - IMO MSC.1/Circ.1556.				
MED/3.28 Sprinkler systems (limited to sprinkler heads) (Nozzles for fixed sprinkler systems, for high-speed craft (HSC) are included under this item). Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.44(65), - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 8, - IMO MSC/Circ.912, - IMO MSC.1/Circ.1556.	- ISO 6182-1:2021. Or: - EN 12259-1:1999 incl. A1:2001, A2:2004 and A3:2006.	B+D B+E B+F	15.8.2022	

1	2	3	4	5	6

MED/3.29 Fire-fighting hoses: - non-percolating lay flat firefighting hoses (range of the inside diameter from 25 mm to 52 mm) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- EN 14540:2014.	B+D B+E B+F		23.9.2028 (ii)
MED/3.29 Fire-fighting hoses: - non-percolating lay flat firefighting hoses Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- EN 14540:2014. (Note: for non-percolating lay flat firefighting hoses, range of the inside diameter from 25 mm to 52 mm), and for abrasion test: - Commission Delegated Regulation (EU) 2024/1295 (NF S 61-112). Or: - EN 14540:2014. (Note: for non-percolating lay flat firefighting hoses, range of the inside diameter from 25 mm to 52 mm), and for abrasion test: - Commission Delegated Regulation (EU) 2024/1295 (DIN 14811 (January 2008), excluding the requirements of section 5.3). Or: - Commission Delegated Regulation (EU) 2024/1295 (NF S 61-112). Or: - Commission Delegated Regulation (EU) 2024/1295 (DIN 14811 (January 2008), excluding the requirements of section 5.3).	B+D B+E B+F	23.9.2025	

MED/3.30a Portable oxygen analysis and/or gas detection equipment: - category 1: (safe area) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC.1/Circ.1477, - IMO MSC.1/Circ.1581.	- EN 50104:2019, - EN 60079-29-1:2016, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	25.8.2021	4.9.2027 (ii)
MED/3.30a Portable oxygen analysis and/or gas detection equipment: - category 1: (safe area) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC.1/Circ.1477, - IMO MSC.1/Circ.1581.	- EN 50104:2019 incl. EN 50104:2019/A1:2023, - EN 60079-29-1:2016 incl. EN 60079-29-1:2016/A1:2022 and EN 60079-29-1:2016/A11:2022, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	4.9.2024	

MED/3.30b Portable oxygen analysis and/or gas detection equipment: - category 2: (explosive gas atmospheres) Row 1 of 5	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC.1/Circ.1477, - IMO MSC.1/Circ.1581.	- EN 50104:2019, - EN 60079-29-1:2016, - EN IEC 60079-0:2018, incl. AC:2020, - EN 60079-1:2014, incl.AC:2018-09, - EN 60079-10-1:2021, - EN 60079-11:2012, - EN 60079-15:2010, - EN 60079-26:2015, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	15.8.2022	10.10.2026 (ii)
MED/3.30b Portable oxygen analysis and/or gas detection equipment: - category 2: (explosive gas atmospheres) Row 2 of 5	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7.	- EN 50104:2019, - EN IEC 60079-0:2018, incl. AC:2020, - EN 60079-1:2014, incl.AC:2018-09, - EN IEC 60079-10-1:2021, - EN 60079-11:2012, - EN IEC 60079-15:2019,	B+D B+E B+F	10.10.2023	4.9.2027 (ii)

	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC.1/Circ.1477, - IMO MSC.1/Circ.1581.	- EN 60079-26:2015, - EN 60079-29-1:2016 incl. A1:2022 and A11:2022, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 60092-504:2016, - IEC 60533:2015.			
MED/3.30b Portable oxygen analysis and/or gas detection equipment: - category 2: (explosive gas atmospheres) Row 3 of 5	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC.1/Circ.1477, - IMO MSC.1/Circ.1581.	- EN 50104:2019 incl. EN 50104:2019/A1:2023, - EN IEC 60079-0:2018, incl. AC:2020, - EN 60079-1:2014, incl.AC:2018-09, - EN IEC 60079-10-1:2021, - EN 60079-11:2012, - EN IEC 60079-15:2019, - EN 60079-26:2015, - EN 60079-29-1:2016 incl. A1:2022 and A11:2022, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	4.9.2024	23.9.2028 (ii)

MED/3.30b Portable oxygen analysis and/or gas detection equipment: - category 2: (explosive gas atmospheres) Row 4 of 5	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC.1/Circ.1477, - IMO MSC.1/Circ.1581.	- EN 50104:2019 incl. EN 50104:2019/A1:2023, - EN IEC 60079-0:2018, incl. AC:2020-02, and A11:2024 - EN 60079-1:2014, incl.AC:2018-09 and A11:2024, - EN IEC 60079-10-1:2021, - EN 60079-11:2012, - EN IEC 60079-15:2019, - EN 60079-26:2015, - EN 60079-29-1:2016 incl. A1:2022 and A11:2022, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (ii)
MED/3.30b Portable oxygen analysis and/or gas detection equipment: - category 2: (explosive gas atmospheres) Row 5 of 5 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7.	- EN 50104:2019 incl. EN 50104:2019/A1:2023, - EN IEC 60079-0:2018, incl. AC:2020-02, and A11:2024 - EN 60079-1:2014, incl.AC:2018-09 and A11:2024, - EN IEC 60079-10-1:2021,	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - SOLAS 74 Reg. XI-1/7. - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC.1/Circ.1477, - IMO MSC.1/Circ.1581.	- EN IEC 60079-11:2024, - EN IEC 60079-15:2019, - EN IEC 60079-26:2024, - EN 60079-29-1:2016 incl. A1:2022 and A11:2022, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 60092-504:2016, - IEC 60533:2015.			

Item MED/3.31, Nozzles for fixed sprinkler systems for high-speed craft ((HSC), deleted as it is covered by MED/3.9 and MED/3.28.

1	2	3	4	5	6
MED/3.32 Fire restricting materials (except furniture) for high-speed craft Row 1 of 1	Type approval requirements - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC.1/Circ.1457.				

1	2	3	4	5	6
MED/3.33 Fire restricting materials for furniture for high-speed craft Row 1 of 1	Type approval requirements - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

1	2	3	4	5	6
MED/3.34 Fire resisting divisions for high-speed craft Row 1 of 1	Type approval requirements - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements				

	- IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC.1/Circ.1457.				

1	2	3	4	5	6
MED/3.35 Fire doors on high-speed craft Row 1 of 1 Note: Fire door control system components are subject to conformity assessment in accordance with item MED/3.17.	Type approval requirements - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

1	2	3	4	5	6
MED/3.36 Fire dampers on high-speed craft Row 1 of 1	Type approval requirements - SOLAS 74 Reg. X/3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements - IMO Res .MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

1	2	3	4	5	6

MED/3.37a Penetrations through fire resisting divisions on high-speed craft: - electric cable transits Row 1 of 1	Type approval requirements - SOLAS 74 Reg. X/3. Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.37b Penetrations through fire resisting divisions on high-speed craft: - pipe, duct, trunk etc. penetrations Row 1 of 1	Type approval requirements - SOLAS 74 Reg. X/3. Carriage and performance requirements - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.38 Portable fire-extinguishing equipment for lifeboats and rescue boats Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. A.951(23),	- EN 3-7:2004 incl. A1:2007, - EN 3-8:2021, - EN 3-9:2006 incl. AC:2007, - EN 3-10:2009.	B+D B+E B+F	25.8.2022	

	- IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.48(66)-(LSA Code) I, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.97(73)-(2000 HSC Code) 8.				

1	2	3	4	5	6
MED/3.39 Nozzles for equivalent water-mist fire extinguishing systems for machinery spaces and cargo pump rooms Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7.	- IMO MSC/Circ.1165, as amended.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7, - IMO MSC.1/Circ.1313, - IMO MSC.1/Circ.1458.				

1	2	3	4	5	6
MED/3.40 Low-location lighting systems (components	Type approval requirements - SOLAS 74 Reg. II-2/13,	- IMO Res. A.752(18), - ISO 15370:2021.	B+D B+E	25.8.2021	4.9.2027 (ii)

only) Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	- IMO Res. MSC.98(73)-(FSS Code) 11. Carriage and performance requirements - SOLAS 74 Reg. II-2/13, - IMO Res. A.752(18), - IMO Res. MSC.98(73)-(FSS Code) 11.		B+F		
MED/3.40 Low-location lighting systems (components only) Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/13, - IMO Res. MSC.98(73)-(FSS Code) 11. Carriage and performance requirements - SOLAS 74 Reg. II-2/13, - IMO Res. A.752(18), - IMO Res. MSC.98(73)-(FSS Code) 11.	- ISO 15370:2021 incl. ISO 15370:2021 /Amd1:2023.	B+D B+E B+F	4.9.2024	

1	2	3	4	5	6
MED/3.41a Emergency escape breathing devices (EEBD): - self-contained open-circuit compressed air breathing apparatus with full mask or mouthed piece assembly for escape Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/13. Carriage and performance requirements - SOLAS 74 Reg. II-2/13, - IMO Res. MSC.98(73)-(FSS Code) 3, - IMO MSC/Circ.849.	- ISO 23269-1:2008.	B+D B+E B+F		

MED/3.41b Emergency escape breathing devices (EEBD): - self-contained open-circuit compressed air breathing apparatus with a hood for escape Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/13. Carriage and performance requirements - SOLAS 74 Reg. II-2/13, - IMO Res. MSC.98(73)-(FSS Code) 3, - IMO MSC/Circ.849.	- ISO 23269-1:2008.	B+D B+E B+F		
MED/3.41c Emergency escape breathing devices (EEBD): - self-contained closed-circuit compressed air breathing apparatus Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/13. Carriage and performance requirements - SOLAS 74 Reg. II-2/13, - IMO Res. MSC.98(73)-(FSS Code) 3, - IMO MSC/Circ.849.	- ISO 23269-1:2008.	B+D B+E B+F		

Item MED/3.42a, Inert gas systems – Whole system - deleted by Implementing Regulation (EU) [OP please insert the number and year of this Regulation]

MED/3.42b Inert gas systems: - single components: • inert gas scrubbers Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/4. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. A.567(14), - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC/Circ.353, - IMO MSC/Circ.485, - IMO MSC/Circ.731, - IMO MSC/Circ.1120.	- IMO MSC/Circ.353, as amended.	B+D B+E B+F G		
MED/3.42c Inert gas systems: - single components: • inert gas blowers Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/4. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. A.567(14), - IMO Res. MSC.98(73)-(FSS Code) 15, - IMO MSC/Circ.353, - IMO MSC/Circ.485, - IMO MSC/Circ.731, - IMO MSC/Circ.1120.	- IMO MSC/Circ.353, as amended.	B+D B+E B+F G		
1	2	3	4	5	6

MED/3.43 Nozzles for deep fat cooking equipment fire extinguishing systems (automatic or manual type) Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/1, - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/1, - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC.1/Circ.1433.	- ISO 15371:2015.	B+D B+E B+F	16.3.2017	23.9.2028 (i)
MED/3.43 Nozzles for deep fat cooking equipment fire extinguishing systems (automatic or manual type) Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/1, - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/1, - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO MSC.1/Circ.1433.	- ISO 15371:2024.	B+D B+E B+F	23.9.2025	

1	2	3	4	5	6
MED/3.44 Fire-fighters outfit – lifeline	Type approval requirements - SOLAS 74 Reg. II-2/10,	- IMO Res. MSC.98(73)-(FSS Code) 3, as amended,	B+D B+E	13.9.2019	

- lifelines for breathing apparatus approved under item MED/3.7 and item MED/7.1 Row 1 of 1	- SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 3.	- IMO Res. MSC.307(88)-(2010 FTP Code), as amended, - ISO 23269-2:2011.	B+F		
1	2	3	4	5	6
MED/3.45 Equivalent fixed gas fire extinguishing systems components (extinguishing medium, head valves and nozzles) for machinery spaces and cargo pump rooms Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 5. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 5, - IMO MSC/Circ.848, - IMO MSC.1/Circ.1313.	- IMO MSC/Circ.848, as amended.	B+D B+E B+F		15.8.2025 (iii)
MED/3.45 Equivalent fixed gas fire extinguishing systems components (extinguishing medium, head valves and nozzles) for machinery spaces and cargo	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3,	- IMO MSC/Circ.848, as amended.	B+D B+E B+F	15.8.2022	

pump rooms Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	- IMO Res. MSC.98(73)-(FSS Code) 5. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 5, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC/Circ.848, - IMO MSC.1/Circ.1313.				

1	2	3	4	5	6
MED/3.46 Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 5. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 5, - IMO MSC/Circ.1270 incl. Corr.1, - IMO MSC.1/Circ.1313.	- IMO MSC/Circ.1270 incl. Corr.1, as amended.	B+D B+E B+F		15.8.2025 (iii)

MED/3.46 Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 5. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 5, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC/Circ.1270 incl. Corr.1, - IMO MSC.1/Circ.1313.	- IMO MSC/Circ.1270 incl. Corr.1, as amended.	B+D B+E B+F	15.8.2022	

1	2	3	4	5	6
MED/3.47 Concentrate for fixed high expansion foam fire extinguishing systems for machinery spaces and cargo pump rooms. Note: The fixed high expansion foam fire extinguishing system (including those systems which use inside air from their working spaces for their intended performance), for machinery spaces and cargo pump rooms must still be tested with the approved concentrate to the satisfaction of the Administration.	Type approval requirements - SOLAS 74 Reg. II-2/10. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 6.	- IMO MSC/Circ.670.	B+D B+E B+F		15.8.2025 (iii)

Row 1 of 2					
MED/3.47 Concentrate for fixed high expansion foam fire extinguishing systems for machinery spaces and cargo pump rooms. Note: The fixed high expansion foam fire extinguishing system (including those systems which use inside air from their working spaces for their intended performance), for machinery spaces and cargo pump rooms must still be tested with the approved concentrate to the satisfaction of the Administration. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 6, - IMO Res. MSC.391(95)-(IGF Code) 11.	- IMO MSC/Circ.670.	B+D B+E B+F	15.8.2022	

1	2	3	4	5	6
MED/3.48 Fixed water based local application fire-fighting systems components for use in category A machinery spaces. (Nozzles and performance tests). Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- IMO MSC.1/Circ.1387.	B+D B+E B+F		[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (ii)

MED/3.48 Fixed water based local application fire-fighting systems components for use in category A machinery spaces. (Nozzles and performance tests). Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- IMO MSC.1/Circ.1387, including Corr.1.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

MED/3.49a Fixed water-based fire-fighting systems for roro spaces, vehicle spaces and special category spaces: - prescriptive-based systems as per IMO MSC.1/Circ.1430, Revision 1 Row 1 of 3	Type approval requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7. Carriage and performance requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7.	- IMO MSC.1/Circ.1430, Revision 1.	B+D B+E B+F	12.8.2020	15.8.2025 (iii)

MED/3.49a Fixed water-based fire-fighting systems for roro spaces, vehicle spaces and special category spaces: - prescriptive-based systems as per IMO MSC.1/Circ.1430, Revision 2 Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7. Carriage and performance requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7.	- IMO MSC.1/Circ.1430, Revision 2.	B+D B+E B+F	15.8.2022	4.9.2027 (iii)

1	2	3	4	5	6
MED/3.49a Fixed water-based fire-fighting systems for roro spaces, vehicle spaces and special category spaces: - prescriptive-based systems as per IMO MSC.1/Circ.1430, Revision 3 Row 3 of 3	Type approval requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7. Carriage and performance requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.36(63)-(1994 HSC Code) 7,	- IMO MSC.1/Circ.1430, Revision 3.	B+D B+E B+F	4.9.2024	

	- IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7.				

MED/3.49b Fixed water-based firefighting systems for roro spaces, vehicle spaces and special category spaces: - performance-based systems as per IMO MSC.1/Circ. 1430, Revision 1 Row 1 of 3	Type approval requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7.	- IMO MSC.1/Circ.1430, Revision 1.	B+D B+E B+F	12.8.2020	15.8.2025 (iii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7.				
MED/3.49b Fixed water-based firefighting systems for roro spaces, vehicle spaces and special category spaces: - performance-based systems as per IMO MSC.1/Circ. 1430, Revision 2 Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7.	- IMO MSC.1/Circ.1430, Revision 2.	B+D B+E B+F	15.8.2022	4.9.2027 (iii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.36(63)-(1994 HSC Code) 7,				

	- IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7.				

1	2	3	4	5	6
MED/3.49b Fixed water-based firefighting systems for roro spaces, vehicle spaces and special category spaces: - performance-based systems as per IMO MSC.1/Circ. 1430, Revision 3 Row 3 of 3	Type approval requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 7.	- IMO MSC.1/Circ.1430, Revision 3.	B+D B+E B+F	4.9.2024	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 7.				

Item MED/3.50, Protective clothing resistant to chemical attack, - item moved to MED/9/3.9.

1	2	3	4	5	6
MED/3.51a Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9.	Electrical installations in ships: - EN 54-2:1997 incl. AC:1999 and A1:2006. And as applicable, electrical, and electronic installations in ships:	B+D B+E B+F	19.6.2018	15.8.2025 (iii)

spaces: - control and indicating equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242, - IMO MSC.1/Circ.1487, - IMO MSC.1/Circ.1528.	- IEC 60092-504:2016, - IEC 60533:2015.			
MED/3.51a Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - control and indicating equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.302(87), - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242, - IMO MSC.1/Circ.1487, - IMO MSC.1/Circ.1528.	Electrical installations in ships: - EN 54-2:1997 incl. AC:1999 and A1:2006. - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or, - EN 54-2:1997 incl. AC:1999 and A1:2006. - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 62923-1:2018, - IEC 62923-2:2018. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	15.8.2022	

1	2	3	4	5	6
MED/3.51b Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - power supply equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242, - IMO MSC.1/Circ.1554.	- EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	19.6.2018	

1	2	3	4	5	6
MED/3.51c Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - heat detectors - point detectors Note: For products used as spare parts of existing installations the relevant standards at	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res.MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7,	- EN 54-5:2017 incl. A1:2018. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	12.8.2020	

the time of placing on board can still be applied. Row 1 of 1	- IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.				

1	2	3	4	5	6
MED/3.51d Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - smoke detectors: point detectors using scattered light, transmitted light or ionization Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.	- EN 54-7:2018. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	13.9.2019	

1	2	3	4	5	6
MED/3.51e Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies,	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3,	- EN 54-10:2002 incl. A1:2005, And as applicable, electrical and electronic installations in ships:	B+D B+E B+F	19.6.2018	

machinery spaces and unattended machinery spaces: - flame detectors: point detectors Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	- IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.	- IEC 60092-504:2016, - IEC 60533:2015.			

1	2	3	4	5	6
MED/3.51f Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - manual call points Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res.MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.	- EN 54-11:2001 incl. A1:2005. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	19.6.2018	

1	2	3	4	5	6
MED/3.51g Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - short circuit isolators Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.	- EN 54-17:2005 incl. AC:2007. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	19.6.2018	

1	2	3	4	5	6
MED/3.51h Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - input/output devices Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7,	- EN 54-18:2005 incl. AC:2007. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	19.6.2018	

Row 1 of 1	- IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.				

MED/3.51i Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - cables Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.	- EN 60332-1-2:2004 incl. A1:2015 and A11:2016, - IEC 60092-376:2017. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. - IEC 60332-1-2:2004 incl. A1:2015. And/or: Fire Resistant Cables: - IEC 60092-376:2017, - IEC 60331-1:2018 or IEC 60331-2:2018. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015, - IEC 60332-1-2:2004 incl. A1:2015.	B+D B+E B+F	13.9.2019	15.8.2025 (iii)
MED/3.51i Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - cables Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ.1242.	- EN 60332-1-2:2004 incl. A1:2015, A11:2016 and A12:2020, - IEC 60092-376:2017. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. - IEC 60332-1-2:2004 incl. A1:2015. And/or: Fire Resistant Cables: - IEC 60092-376:2017, - IEC 60331-1:2018 or IEC 60331-2:2018. And as applicable, electrical and electronic	B+D B+E B+F	15.8.2022	

Row 2 of 2		installations in ships: - IEC 60092-504:2016, - IEC 60533:2015, - IEC 60332-1-2:2004 incl. A1:2015.			
1	2	3	4	5	6
MED/3.52 Non-portable and transportable fire extinguishers Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- EN 1866-1:2007, - EN 1866-2:2014. Or: - EN 1866-1:2007, - EN 1866-3:2013. Or: - ISO 11601:2017.	B+D B+E B+F	13.9.2019	

1	2	3	4	5	6
MED/3.53 Fire alarm devices – sounders Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. X/3, - IMO Res. MSC.98(73)-(FSS Code) 9. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7, - IMO Res. MSC.98(73)-(FSS Code) 9. - IMO MSC.1/Circ.1242, - IMO MSC.1/Circ.1487.	- EN 54-3:2014 incl. A1:2019, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	12.8.2020	

1	2	3	4	5	6
MED/3.54a Fixed oxygen analysis and/or gas detection equipment:	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3.	- EN 50104:2010, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)

- category 4: (safe area) Row 1 of 3	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - IMO Res. MSC.98(73)-(FSS Code) 15, - for combined O_2/HC systems additionally: - IMO MSC.1/Circ.1370.	For combined O_2/HC systems, additionally: - IMO MSC.1/Circ.1370.			
MED/3.54a Fixed oxygen analysis and/or gas detection equipment: - category 4: (safe area) Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3.	- EN 50104:2019, - IEC 60092-504:2016, - IEC 60533:2015. For combined O_2/HC systems, additionally: - IMO MSC.1/Circ.1370.	B+D B+E B+F	25.8.2021	4.9.2027 (iii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - IMO Res. MSC.98(73)-(FSS Code) 15, - for combined O_2/HC systems additionally: - IMO MSC.1/Circ.1370.				
MED/3.54a Fixed oxygen analysis and/or gas detection equipment: - category 4: (safe area) Row 3 of 3	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3.	- EN 50104:2019 incl. EN 50104:2019/A1:2023, - IEC 60092-504:2016, - IEC 60533:2015. For combined O_2/HC systems, additionally: - IMO MSC.1/Circ.1370.	B+D B+E B+F	4.9.2024	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - IMO Res. MSC.98(73)-(FSS Code) 15, - for combined O_2/HC systems additionally: - IMO MSC.1/Circ.1370.				

1	2	3	4	5	6
MED/3.54b Fixed oxygen analysis and/or gas detection equipment:	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3.	- EN 50104:2010, - EN IEC 60079-0:2018, - EN 60079-29-1:2016,	B+D B+E B+F	12.8.2020	25.8.2024 (iii)

- category 3: (explosive gas atmospheres) Row 1 of 4	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - IMO Res. MSC.98(73)-(FSS Code) 15, - for combined O_2/HC systems additionally: - IMO MSC.1/Circ.1370.	- IEC 60092-504:2016, - IEC 60533:2015. For combined O_2/HC systems, additionally: - IMO MSC.1/Circ.1370.			
MED/3.54b Fixed oxygen analysis and/or gas detection equipment: - category 3: (explosive gas atmospheres) Row 2 of 4	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - IMO Res. MSC.98(73)-(FSS Code) 15, - for combined O_2/HC systems additionally: - IMO MSC.1/Circ.1370.	- EN 50104:2019, - EN IEC 60079-0:2018 incl. AC:2020, - EN 60079-29-1:2016, - IEC 60092-504:2016, - IEC 60533:2015. For combined O_2/HC systems, additionally: - IMO MSC.1/Circ.1370.	B+D B+E B+F	25.8.2021	4.9.2027 (iii)

MED/3.54b Fixed oxygen analysis and/or gas detection equipment: - category 3: (explosive gas atmospheres) Row 3 of 4	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - IMO Res. MSC.98(73)-(FSS Code) 15, - for combined O_2/HC systems additionally: - IMO MSC.1/Circ.1370.	- EN 50104:2019 incl. EN 50104:2019/A1:2023, - EN IEC 60079-0:2018 incl. AC:2020, - EN 60079-29-1:2016 incl. EN 60079-29-1:2016/A1:2022 and EN 60079-29-1:2016/A11:2022, - IEC 60092-504:2016, - IEC 60533:2015. For combined O_2/HC systems, additionally: - IMO MSC.1/Circ.1370.	B+D B+E B+F	4.9.2024	23.9.2028 (iii)
MED/3.54b Fixed oxygen analysis and/or gas detection equipment:	Type approval requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3.	- EN 50104:2019 incl. EN 50104:2019/A1:2023, - EN IEC 60079-0:2018, incl. AC:2020-02, and	B+D B+E B+F	23.9.2025	

- category 3: (explosive gas atmospheres) Row 4 of 4	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - SOLAS 74 Reg. VI/3, - IMO Res. MSC.98(73)-(FSS Code) 15, - for combined O_2/HC systems additionally: - IMO MSC.1/Circ.1370.	A11:2024, - EN 60079-29-1:2016 incl. EN 60079-29-1:2016/A1:2022 and EN 60079-29-1:2016/A11:2022, - IEC 60092-504:2016, - IEC 60533:2015. For combined O_2/HC systems, additionally: - IMO MSC.1/Circ.1370.			

1	2	3	4	5	6
MED/3.55a Dual purpose type nozzles (spray/jet type): - Hand-held branch pipes for fire service use - Combination branch pipes PN 16 Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3.	- EN 15182-1:2019, - EN 15182-2:2019.	B+D B+E B+F	12.8.2020	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
MED/3.55b Dual purpose type nozzles (spray/jet type): - Hand-held branch pipes for fire service use - Smooth bore jet and/or one fixed spray jet angle branch pipes PN 16 Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3.	- EN 15182-1:2019, - EN 15182-3:2019.	B+D B+E B+F	12.8.2020	4.6.2025 (iii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				
MED/3.55b Dual purpose type nozzles (spray/jet type): - Hand-held branch pipes for fire service use -	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3.	- EN 15182-1:2019, - EN 15182-3:2019.	B+D B+E B+F	4.9.2024	

Smooth bore jet and/or one fixed spray jet angle branch pipes PN 16 Note: Minimum spray angle of 30°. Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

1	2	3	4	5	6
MED/3.56 Fixed firefighting hose systems: - hose reels with semi-rigid hose Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3.	- EN 671-1:2012.	B+D B+E B+F		
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.				

1	2	3	4	5	6
MED/3.57 Medium Expansion Foam Fire Extinguishing Systems components - Fixed Deck Foam for Tankers Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.	Type approval requirements - SOLAS 74 Reg. II-2/10.	- IMO MSC/Circ.798.	B+D B+E B+F		4.9.2027 (iii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10.8.1, - IMO Res. MSC.98(73)-(FSS Code) 14, - IMO MSC/Circ.1239,				

Row 1 of 2	- IMO MSC.1/Circ.1276.				
MED/3.57 Medium Expansion Foam Fire Extinguishing Systems components - Fixed Deck Foam for Tankers Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10. Carriage and performance requirements - SOLAS 74 Reg. II-2/10.8.1, - IMO Res. MSC.98(73)-(FSS Code) 14, - IMO MSC/Circ.1239, - IMO MSC.1/Circ.1276 Rev 1.	- IMO MSC/Circ.798.	B+D B+E B+F	4.9.2024	

1	2	3	4	5	6
MED/3.58 Fixed Low Expansion Foam Fire Extinguishing Systems Components for Machinery Spaces and Tanker Deck Protection Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/10. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 6, - IMO Res. MSC.98(73)-(FSS Code) 14, - IMO MSC/Circ.1239, - IMO MSC.1/Circ.1276.	- IMO MSC.1/Circ.1312, - IMO MSC.1/Circ.1312/Corr.1.	B+D B+E B+F		4.9.2027 (iii)
MED/3.58 Fixed Low Expansion Foam Fire Extinguishing	Type approval requirements - SOLAS 74 Reg. II-2/10.	- IMO MSC.1/Circ.1312, - IMO MSC.1/Circ.1312/Corr.1.	B+D B+E	4.9.2024	

Systems Components for Machinery Spaces and Tanker Deck Protection Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 6, - IMO Res. MSC.98(73)-(FSS Code) 14, - IMO MSC/Circ.1239, - IMO MSC.1/Circ.1276 Rev 1		B+F		

1	2	3	4	5	6
MED/3.59 Expansion Foam for Fixed Fire Extinguishing Systems for Chemical Tankers Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/1, - IMO Res. MSC.4(48)-(IBC Code) 11.	- IMO MSC.1/Circ.1312, - IMO MSC.1/Circ.1312/Corr.1.	B+D B+E B+F		
	Carriage and performance requirements - IMO Res. MSC.4(48)-(IBC Code) 11, - IMO MSC/Circ.553.				

1	2	3	4	5	6
MED/3.60 Nozzles for fixed pressure water-spraying fire-extinguishing systems for cabin balconies Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 7.	- IMO MSC.1/Circ.1268.	B+D B+E B+F		
	Carriage and performance requirements				

	- SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 7, - IMO MSC.1/Circ.1313.				

1	2	3	4	5	6
MED/3.61a Inside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces Note: Inside/Outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces shall be tested with the approved concentrate to the satisfaction of the Administration. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 6, - IMO MSC.1/Circ.1528.	- IMO MSC.1/Circ.1384.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.61b Outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special	Type approval requirements - SOLAS 74 Reg. II-2/10.	- IMO MSC.1/Circ.1384.	B+D B+E B+F		

category spaces and cargo spaces Note: Inside/Outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces shall be tested with the approved concentrate to the satisfaction of the Administration. Row 1 of 1	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 6, - IMO MSC.1/Circ.1528.				

1	2	3	4	5	6
MED/3.62 Dry chemical powder extinguishing systems Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/1.	- IMO MSC.1/Circ.1315.	B+D B+E B+F		4.9.2027 (iii)
	Carriage and performance requirements - SOLAS 74 Reg. II-2/1. - IMO Res. MSC.5(48)-(IGC Code) 11, - IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ. 1617.				
MED/3.62 Dry chemical powder extinguishing systems Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/1.	- IMO MSC.1/Circ. 1315 Rev1.	B+D B+E B+F	4.9.2024	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/1. - IMO Res. MSC.5(48)-(IGC Code) 11,				

	- IMO Res. MSC.391(95)-(IGF Code) 11, - IMO MSC.1/Circ. 1617.				

1	2	3	4	5	6
MED/3.63a Sample extraction smoke detection systems components: - control and indicating equipment. Electrical installations in ships Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10, - EN 54-2:1997 incl. AC:1999 and A1:2006. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)
MED/3.63a Sample extraction smoke detection systems components: - control and indicating equipment. Electrical installations in ships Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10. - EN 54-2:1997 incl. AC:1999 and A1:2006. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018 incl. AC:2020.	B+D B+E B+F	25.8.2021	23.9.2028 (iii)
MED/3.63a Sample extraction smoke detection systems components: - control and indicating equipment. Electrical installations in ships Note: For products used as spare parts of existing installations the relevant standards at	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20,	- IMO Res. MSC.98(73)-(FSS Code) 10. - EN 54-2:1997 incl. AC:1999 and A1:2006. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018, incl. AC:2020-02,	B+D B+E B+F	23.9.2025	

the time of placing on board can still be applied. Row 3 of 3	- IMO Res. MSC.98(73)-(FSS Code) 10.	and A11:2024.			
1	2	3	4	5	6
MED/3.63b Sample extraction smoke detection systems components: - power supply equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10, - EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)
MED/3.63b Sample extraction smoke detection systems components: - power supply equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10. - EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018 incl. AC:2020.	B+D B+E B+F	25.8.2021	23.9.2028 (iii)
MED/3.63b Sample extraction smoke detection systems components: - power supply equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 3 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10. - EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018, incl. AC:2020-02, and A11:2024.	B+D B+E B+F	23.9.2025	

1	2	3	4	5	6
MED/3.63c Sample extraction smoke detection systems components: - aspiring smoke detectors Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10, - EN 54-20:2006 incl. AC:2008. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)
MED/3.63c Sample extraction smoke detection systems components: - aspiring smoke detectors Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10, - EN 54-20:2006 incl. AC:2008. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018 incl. AC:2020.	B+D B+E B+F	25.8.2021	23.9.2028 (iii)
MED/3.63c Sample extraction smoke detection systems components: - aspiring smoke detectors Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 3 of 3	Type approval requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20. Carriage and performance requirements - SOLAS 74 Reg. II-2/7, - SOLAS 74 Reg. II-2/19, - SOLAS 74 Reg. II-2/20, - IMO Res. MSC.98(73)-(FSS Code) 10.	- IMO Res. MSC.98(73)-(FSS Code) 10, - EN 54-20:2006 incl. AC:2008. And as applicable, electrical and electronic installations in ships: - IEC 60092-504:2016, - IEC 60533:2015. And, as applicable for explosive atmospheres: - EN IEC 60079-0:2018, incl. AC:2020-02, and A11:2024.	B+D B+E B+F	23.9.2025	

1	2	3	4	5	6
MED/3.64	Type approval requirements	- IMO Res. MSC.307(88)-(2010 FTP Code), as	B+D		

C class divisions Row 1 of 1	- SOLAS 74 Reg. II-2/3.10. Carriage and performance requirements - SOLAS 74 Reg. II-2/3.10, - SOLAS 74 Reg. II-2/3.33, - SOLAS 74 Reg. II-2/9, - IMO MSC/Circ.1120.	amended.	B+E B+F		

1	2	3	4	5	6
MED/3.65 Fixed hydrocarbon gas detection system Row 1 of 4	Type approval requirements - SOLAS 74 Reg. II-2/4. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.98(73)-(FSS Code) 16, - IMO MSC.1/Circ.1370, - IMO MSC.1/Circ.1527.	- IMO MSC.1/Circ.1370, - EN IEC 60079-0:2018, - EN 60079-29-1:2016, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)
MED/3.65 Fixed hydrocarbon gas detection system Row 2 of 4	Type approval requirements - SOLAS 74 Reg. II-2/4. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.98(73)-(FSS Code) 16, - IMO MSC.1/Circ.1370, - IMO MSC.1/Circ.1527.	- IMO MSC.1/Circ.1370, - EN IEC 60079-0:2018 incl. AC:2020, - EN 60079-29-1:2016, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	25.8.2021	4.9.2027 (iii)
MED/3.65 Fixed hydrocarbon gas detection system Row 3 of 4	Type approval requirements - SOLAS 74 Reg. II-2/4. Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.98(73)-(FSS Code) 16, - IMO MSC.1/Circ.1370, - IMO MSC.1/Circ.1527.	- IMO MSC.1/Circ.1370, - EN IEC 60079-0:2018 incl. AC:2020, - EN 60079-29-1:2016 incl. EN 60079-29-1:2016/A1:2022 and EN 60079-29-1:2016/A11:2022, - IEC 60092-504:2016, - IEC 60533:2015.	B+D B+E B+F	4.9.2024	23.9.2028 (iii)
MED/3.65 Fixed hydrocarbon gas detection system	Type approval requirements - SOLAS 74 Reg. II-2/4.	- IMO MSC.1/Circ.1370, - EN IEC 60079-0:2018, incl. AC:2020-02, and	B+D B+E	23.9.2025	

Row 4 of 4	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO Res. MSC.98(73)-(FSS Code) 16, - IMO MSC.1/Circ.1370, - IMO MSC.1/Circ.1527.	A11:2024. - EN 60079-29-1:2016 incl. EN 60079-29-1:2016/A1:2022 and EN 60079-29-1:2016/A11:2022, - IEC 60092-504:2016, - IEC 60533:2015.	B+F		

1	2	3	4	5	6
MED/3.66 Evacuation guidance systems used as an alternative to low-location lighting systems. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/13. Carriage and performance requirements - SOLAS 74 Reg. II-2/13, - IMO MSC.1/Circ.1168.	- IMO MSC.1/Circ.1168.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.67 Helicopter facility foam fire-fighting appliances Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/18. Carriage and performance requirements - SOLAS 74 Reg. II-2/18, - IMO Res. MSC.98(73)-(FSS Code) 17.	- EN 13565-1:2019.	B+D B+E B+F	12.8.2020	

1	2	3	4	5	6

MED/3.68 Galley exhaust duct fixed fire extinguishing systems components Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9.	- ISO 15371:2015.	B+D B+E B+F	16.3.2017	23.9.2028 (i)
MED/3.68 Galley exhaust duct fixed fire extinguishing systems components Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/9. Carriage and performance requirements - SOLAS 74 Reg. II-2/9.	- ISO 15371:2024.	B+D B+E B+F	23.9.2025	

1	2	3	4	5	6
MED/3.69 Mobile water monitor for ships constructed on or after 1 January 2016 designed to carry five or more tiers of containers on or above the weather deck. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/19, - IMO Res. MSC.98(73)-(FSS Code) 12, - IMO MSC.1/Circ.1472, - IMO MSC.1/Circ.1550.	- IMO MSC.1/Circ.1472.	B+D B+E B+F		

1	2	3	4	5	6
MED/3.70 Fire-fighting hoses: - semi-rigid hoses for fixed systems Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- EN 694:2014.	B+D B+E B+F		
1	2	3	4	5	6
MED/3.71 Fixed firefighting hose systems - hose systems with lay-flat hose Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.36(63)-(1994 HSC Code) 7, - IMO Res. MSC.97(73)-(2000 HSC Code) 7.	- EN 671-2:2012.	B+D B+E B+F	16.3.2017	

4. Navigation equipment

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
MED/4.1 Magnetic compass: - class A for ships Note: IMO Res. MSC.302(87) only applies when the equipment can raise and electronically send (an) alert(s) to a third piece of equipment. Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.382(X), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.302(87).	- ISO 1069:1973, - ISO 25862:2019, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - ISO 1069:1973, - ISO 25862:2019, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008. Note: And where IMO Res. MSC.302(87) is applicable: - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	12.8.2020	23.9.2028 (i)

		End of Note on IMO Res. MSC.302(87)			
MED/4.1 Magnetic compass: - class A for ships Note: IMO Res. MSC.302(87) only applies when the equipment can raise and electronically send (an) alert(s) to a third piece of equipment. Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.382(X), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.302(87).	- ISO 1069:1973, - ISO 25862:2019 including Amd 1:2024, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - ISO 1069:1973, - ISO 25862:2019 including Amd 1:2024, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008. Note: And where IMO Res. MSC.302(87) is applicable: - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	23.9.2025	

		End of Note on IMO Res. MSC.302(87)			

1	2	3	4	5	6
MED/4.2 Transmitting heading device THD (magnetic method) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/19, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.116(73), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- ISO 22090-2:2014, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 22090-2:2014, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
MED/4.2 Transmitting heading device THD (magnetic method) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/19, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- ISO 22090-2:2014, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024	B+D B+E B+F	23.9.2025	

	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.116(73), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 including Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 22090-2:2014, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 including Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	G		

Item MED/4.3, Gyro compass – item moved to MED/4.65.

Item MED/4.4, Radar equipment – item moved to MED/4.34, MED/4.35 and MED/4.36.

Item MED/4.5, Automatic radar plotting aid (ARPA) – item moved to MED/4.34.

1	2	3	4	5	6
MED/4.6 Echo-sounding equipment	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN ISO 9875:2001 incl. ISO Technical Corr. 1:2006, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016	B+D B+E B+F G	15.8.2022	4.9.2027 (i)

Row 1 of 3	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.224(VII), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.74(69) Annex 4, - IMO Res. MSC.302(87).	EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 9875:2000 incl. ISO Technical Corr. 1:2006, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/4.6 Echo-sounding equipment Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.224(VII), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.74(69) Annex 4, - IMO Res. MSC.302(87).	- ISO 9875:2023, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 9875:2023, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	4.9.2024	23.9.2028 (i)

MED/4.6 Echo-sounding equipment Row 3 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.224(VII), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.74(69) Annex 4, - IMO Res. MSC.302(87).	- ISO 9875:2023, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 9875:2023, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	23.9.2025	

1	2	3	4	5	6

MED/4.7 Speed and distance measuring equipment (SDME) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. A.824(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61023:2007, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61023:2007, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
MED/4.7 Speed and distance measuring equipment (SDME) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. A.824(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61023:2007, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61023:2007, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024	B+D B+E B+F G	23.9.2025	

		IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

Item MED/4.8, Rudder angle, rpm, pitch indicator – item moved to MED/4.20, MED/4.21 and MED/4.22.

1	2	3	4	5	6
MED/4.9 Rate-of-turn indicator. Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res.A.526(13), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ISO 20672:2007 incl. Corr. 1:2008, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - ISO 20672:2007 incl Corr 1:2008, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	10.10.2026 (i)
MED/4.9 Rate-of-turn indicator. Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E	10.10.2023	23.9.2028 (i)

	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res.A.526(13), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	EN IEC 61162-450:2018, - ISO 20672:2022, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - ISO 20672:2022, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+F G		
MED/4.9 Rate-of-turn indicator. Row 3 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res.A.526(13), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ISO 20672:2022, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - ISO 20672:2022,	B+D B+E B+F G	23.9.2025	

		- IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

Item MED/4.10, Direction finder, - Item deliberately left blank.

Item MED/4.11, Loran equipment, – Item deliberately left blank.

Item MED/4.12, Chayka equipment, – Item deliberately left blank.

Item MED/4.13, Decca navigator equipment, - Item deliberately left blank.

Item MED/4.14, GPS equipment – item moved to MED/4.63.

Item MED/4.15, GLONASS equipment – item moved to MED/4.63.

1	2	3	4	5	6
MED/4.16 Heading control system (HCS) Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18.	- ISO 11674:2019, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 11674:2019, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
	Carriage and performance requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/19, - IMO Res. A.342(IX), - IMO Res. A.694(17), - IMO Res. MSC.191(79), - IMO Res. MSC.64(67) Annex 3, - IMO Res. MSC.302(87).				
MED/4.16 Heading control system (HCS)	Type approval requirements - SOLAS 74 Reg. V/18.	- ISO 11674:2019, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D	23.9.2025	

Row 2 of 3	Carriage and performance requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/19, - IMO Res. A.342(IX), - IMO Res. A.694(17), - IMO Res. MSC.191(79), - IMO Res. MSC.64(67) Annex 3, - IMO Res. MSC.302(87).	- EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 11674:2019, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+E B+F G		
MED/4.16 Heading control system (HCS) Note: New certification shall be carried out according to MED/4.68. Row 3 of 3	Type approval requirements For new certificates refer to item MED/4.68 Carriage and performance requirements For new certificates refer to item MED/4.68	Testing standards For new certificates refer to item MED/4.68	For new certificates refer to item MED/4.68	[OP please insert the date = Date of entry into force of this Regulation]	

Item MED/4.17, Mechanical pilot hoist, - moved to MED/1.40.

1	2	3	4	5	6
MED/4.18 Search and rescue locating devices (SRLD): - 9 GHz SAR transponder (SART) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61097-1:2007. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-1:2007.	B+D B+E B+F G		10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74 Reg. III/6, - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. III/26, - IMO Res. A.530(13), - IMO Res. A.802(19), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - ITU-R M.628-5 (03/2012).				
MED/4.18 Search and rescue locating devices (SRLD): - 9 GHz SAR transponder (SART) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61097-1:2007. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-1:2007.	B+D B+E B+F G	10.10.2023	
	Carriage and performance requirements - SOLAS 74 Reg. III/6, - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. III/26, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.510(105), - ITU-R M.628-5 (03/2012).				

Item MED/4.19, Radar equipment for high-speed craft, - moved to MED/4.37.

1	2	3	4	5	6
MED/4.20 Rudder angle indicator Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 20673:2007. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 20673:2007.	B+D B+E B+F G	15.8.2022	10.10.2026 (i)
MED/4.20 Rudder angle indicator Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 20673:2022. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018,	B+D B+E B+F G	10.10.2023	23.9.2028 (i)

		- IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 20673:2022.			
MED/4.20 Rudder angle indicator Row 3 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 20673:2022. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 20673:2022.	B+D B+E B+F G	23.9.2025	

1	2	3	4	5	6
MED/4.21 Propeller revolution indicator Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E	15.8.2022	23.9.2028

	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 22554:2015. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 22554:2015.	B+F G		(i)
MED/4.21 Propeller revolution indicator Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 22554:2015. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018,	B+D B+E B+F G	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (i)

		- ISO 22554:2015.			
MED/4.21 Propeller revolution indicator Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 22554:2023. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 22554:2023.	B+D B+E B+F G	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/4.22 Pitch indicator Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E	15.8.2022	10.10.2026 (i)

	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 22555:2007. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 22555:2007.	B+F G		
MED/4.22 Pitch indicator Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 22555:2022. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 22555:2022.	B+D B+E B+F G	10.10.2023	23.9.2028 (i)

MED/4.22 Pitch indicator Row 3 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 22555:2022. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 22555:2022.	B+D B+E B+F G	23.9.2025	

1	2	3	4	5	6
MED/4.23 Magnetic compass: - class B for lifeboats and rescue boats Row 1 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.36(63)-(1994 HSC Code) 8,	- ISO 1069:1973, - ISO 25862:2019, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F G	12.8.2020	23.9.2028 (i)

	- IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.				
MED/4.23 Magnetic compass: - class B for lifeboats and rescue boats Row 2 of 2	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. III/34, - IMO Res. MSC.48(66)-(LSA Code) IV, - IMO Res. MSC.48(66)-(LSA Code) V, - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- ISO 1069:1973, - ISO 25862:2019 incl. Amd 1:2024, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F G	23.9.2028	

Item MED/4.24, Automatic radar plotting aid (ARPA) for high-speed craft, - moved to MED/4.37.

Item MED/4.25, Automatic tracking aid (ATA), - moved to MED/4.35.

Item MED/4.26, Automatic tracking aid (ATA) for high-speed craft, - moved to MED/4.38.

Item MED/4.27, Electronic plotting aid, - moved to MED/4.36.

Item MED/4.28, Integrated bridge system, - moved to MED/9/4.30 and deleted by Implementing Regulation (EU) 2019/1397.

1	2	3	4	5	6
MED/4.29 Voyage data recorder (VDR) Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/20, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.333(90).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN 61996-1:2013+A1:2021 - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61996-1 Ed. 2.0: 2013+A1:2021, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
MED/4.29 Voyage data recorder (VDR) Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/20, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.333(90).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN 61996-1:2013+A1:2021 - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024	B+D B+E B+F G	23.9.2025	

		IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61996-1 Ed. 2.0: 2013+A1:2021, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

MED/4.29 Voyage data recorder (VDR) Note: New certification shall be carried out according to MED/4.69. Row 3 of 3	Type approval requirements For new certificates refer to item MED/4.69 Carriage and performance requirements For new certificates refer to item MED/4.69	Testing standards For new certificates refer to item MED/4.69	For new certificates refer to item MED/4.69	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/4.30 Electronic chart display and information system (ECDIS) Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/27, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.232(82), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1503. Rev.1.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN 61174:2015, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Note Annex S (normative) of EN 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021. Or:	B+D B+E B+F G	15.8.2022	4.9.2027 (i)

	[ECDIS back-up and RCDS are only applicable when this functionality is included in the ECDIS. The module B certificate shall indicate whether these options were tested].	- IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61174 Ed. 4.0: 2015, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018. Note Annex S (normative of IEC 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021.			

MED/4.30 Electronic chart display and information system (ECDIS) Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/27, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.232(82), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1503. Rev.1 or Rev 2. [ECDIS back-up and RCDS are only applicable when this functionality is included in the ECDIS. The module B certificate shall indicate whether these options were tested].	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN 61174:2015, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Note Annex S (normative) of EN 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61174 Ed. 4.0:2015,	B+D B+E B+F G	4.9.2024	23.9.2028 (i)

		- IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018. Note Annex S (normative of IEC 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021.			
MED/4.30 Electronic chart display and information system (ECDIS) Row 3 of 3	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/27, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN 61174:2015, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Note Annex S (normative) of EN 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61174 Ed. 4.0:2015, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. Note Annex S (normative of IEC 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021.	B+D B+E B+F G	23.9.2025	
	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.232(82), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1503. Rev.1 or Rev 2. [ECDIS back-up and RCDS are only applicable when this functionality is included in the ECDIS. The module B certificate shall indicate whether these options were tested].				

Item MED/4.31, Gyro compass for high-speed craft– item moved to MED/4.65.

1	2	3	4	5	6
MED/4.32 Universal automatic identification system equipment (AIS) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.74(69), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - ITU-RM-1371-5 (02-2014) Note: ITU-RM 1371-5 (02-2014) shall only be applicable in accordance with requirements of IMO Res.MSC.74(69).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 61993-2:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61993-2:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
MED/4.32 Universal automatic identification system equipment (AIS) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.74(69), - IMO Res. MSC.191(79),	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 61993-2:2018, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018.	B+D B+E B+F G	23.9.2025	

	- IMO Res. MSC.302(87), - ITU-RM-1371-5 (02-2014) Note: ITU-RM 1371-5 (02-2014) shall only be applicable in accordance with requirements of IMO Res.MSC.74(69).	Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61993-2:2018, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

1	2	3	4	5	6
MED/4.33 Track control system Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.74(69), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN 62065:2014, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62065 Ed. 2.0:2014-02, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)

MED/4.33 Track control system Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.74(69), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN 62065:2014, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62065 Ed. 2.0:2014-02, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (ii)
MED/4.33 Track control system Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. V/18. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.74(69), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - IEC 62065:2025, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series:	B+D B+E B+F G	[OP please insert the date = Date of entry into force of this Regulation]	

		IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62065:2025, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

Item MED/4.34, Radar equipment CAT 1– item moved to MED/4.64.
Item MED/4.35, Radar equipment CAT 2– item moved to MED/4.64.
Item MED/4.36, Radar equipment CAT 3– item moved to MED/4.64.
Item MED/4.37, Radar equipment for high-speed craft applications (CAT 1H and CAT 2H – item moved to MED/4.64.
Item MED/4.38a, Radar equipment approved with a chart option, namely: - CAT 1C – item moved to MED/4.64.
Item MED/4.38b, Radar equipment approved with a chart option, namely: - CAT 2C – item moved to MED/4.64.
Item MED/4.38c, Radar equipment approved with a chart option, namely: - CAT 1HC – item moved to MED/4.64.
Item MED/4.38d, Radar equipment approved with a chart option, namely: - CAT 2HC – item moved to MED/4.64.

1	2	3	4	5	6
MED/4.39 Radar reflector - passive type Row 1 of 1	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res.MSC.164(78).	- ISO 8729-1:2010, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - ISO 8729-1:2010, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F G		

1	2	3	4	5	6
MED/4.40 Heading control system for high-speed craft Row 1 of 3	Type approval requirements - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - IMO Res. A.694(17), - IMO Res. A.822(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13,	- ISO 16329:2003, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)

	- IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1349.	Or: - ISO 16329:2003, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/4.40 Heading control system for high-speed craft Row 2 of 3	Type approval requirements - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - IMO Res. A.694(17), - IMO Res. A.822(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1349.	- ISO 16329:2003, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 16329:2003, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	23.9.2025	

MED/4.40 Heading control system for high-speed craft Note: New certification shall be carried out according to MED/4.68. Row 3 of 3	Type approval requirements For new certificates refer to item MED/4.68 Carriage and performance requirements For new certificates refer to item MED/4.68	Testing standards For new certificates refer to item MED/4.68	For new certificates refer to item MED/4.68	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/4.41 Transmitting heading device THD (GNSS method) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.116(73), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- ISO 22090-3:2014, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 22090-3:2014, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018. And as applicable: - EN 61162 series: EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018. Or: - IEC 61162 series: IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)

MED/4.41 Transmitting heading device THD (GNSS method) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.116(73), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- ISO 22090-3:2014, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 22090-3:2014, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And as applicable: - EN 61162 series: EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018. Or: - IEC 61162 series: IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018.	B+D B+E B+F G	23.9.2025	

1	2	3	4	5	6
MED/4.42 Searchlight for high-speed craft	Type approval requirements - SOLAS 74 Reg. X/3,	- ISO 17884:2004, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E		

Row 1 of 1	- IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	Or: - ISO 17884:2004, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+F G		

1	2	3	4	5	6
MED/4.43 Night vision equipment for high-speed craft Row 1 of 2	Type approval requirements - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.94(72), - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79).	- ISO 16273:2020, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN IEC 62288:2022. Or: - ISO 16273:2020, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 62288 Ed. 3.0:2021.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
MED/4.43 Night vision equipment for high-speed craft Row 2 of 2	Type approval requirements - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- ISO 16273:2020, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN IEC 62288:2022 incl. Amd 1:2024, Or:	B+D B+E B+F G	23.9.2025	

	Carriage and performance requirements - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.94(72), - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79).	- ISO 16273:2020, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024.			

Item MED/4.44, Differential beacon receiver for DGPS and DGLONASS Equipment – item moved to MED/4.63.

Item MED/4.45, Chart facilities for shipborne radar, - item deleted, as it is covered by MED/4.38.

1	2	3	4	5	6
MED/4.46 Transmitting heading device THD (Gyroscopic method) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.116(73), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- ISO 22090-1:2014, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 22090-1:2014, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
MED/4.46 Transmitting heading device THD (Gyroscopic method) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.116(73), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- ISO 22090-1:2014, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 22090-1:2014, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024	B+D B+E B+F G	23.9.2025	

		IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

1	2	3	4	5	6
MED/4.47 Simplified voyage data recorder (S-VDR) Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/20.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN 61996-2:2008, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61996-2: 2007, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
	Carriage and performance requirements - SOLAS 74 Reg. V/20, - IMO Res. A.694(17), - IMO Res. MSC.163(78), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).				
MED/4.47 Simplified voyage data recorder (S-VDR)	Type approval requirements - SOLAS 74 Reg. V/20.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series:	B+D B+E	23.9.2025	

Row 2 of 3	Carriage and performance requirements - SOLAS 74 Reg. V/20, - IMO Res. A.694(17), - IMO Res. MSC.163(78), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN 61996-2:2008, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61996-2: 2007, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+F G		

MED/4.47 Simplified voyage data recorder (S-VDR) Note: New certification shall be carried out according to MED/4.69. Row 3 of 3	Type approval requirements For new certificates refer to item MED/4.69	Testing standards For new certificates refer to item MED/4.69	For new certificates refer to item MED/4.69	[OP please insert the date = Date of entry into force of this Regulation]	
	Carriage and performance requirements For new certificates refer to item MED/4.69				

Item MED/4.48 “Mechanical pilot hoist” is deliberately left blank (as IMO Res. MSC.308(88), in force on 1 July 2012, quotes: “Mechanical pilot hoists shall not be used”)

1	2	3	4	5	6

MED/4.49 Pilot ladder Row 1 of 1	Type approval requirements - SOLAS 74 Reg. V/23, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. V/23, - IMO Res. A.1045(27), - IMO MSC/Circ.1428.	- IMO Res. A.1045(27), as amended, - ISO 799-1:2019.	B+D B+E B+F G	12.8.2020	

Item MED/4.50, DGPS equipment– item moved to MED/4.63.
Item MED/4.51, DGLONASS equipment– item moved to MED/4.63.

1	2	3	4	5	6
MED/4.52 Daylight signalling lamp. Row 1 of 1	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code), - IMO Res. MSC.97(73)-(2000 HSC Code). Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code), - IMO Res. MSC.95(72), - IMO Res. MSC.97(73)-(2000 HSC Code).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ISO 25861:2007. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - ISO 25861:2007.	B+D B+E B+F		

1	2	3	4	5	6
MED/4.53 Radar target enhancer Row 1 of 1	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- ISO 8729-2:2009, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - ISO 8729-2:2009, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F G		
	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.164(78), - ITU-R M.1176-1 (02/13).				

1	2	3	4	5	6
MED/4.54 Compass bearing device	Type approval requirements - SOLAS 74 Reg. V/18.	- ISO 25862:2019, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - ISO 25862:2019, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F G	12.8.2020	23.9.2028 (i)
Row 1 of 2	Carriage and performance requirements - SOLAS 74 Reg. V/19.				
MED/4.54 Compass bearing device	Type approval requirements - SOLAS 74 Reg. V/18.	- ISO 25862:2019 incl. A1:2024, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E	23.9.2025	

Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. V/19.	Or: - ISO 25862:2019, - ISO 25862:Amd 1:2024, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+F G		

1	2	3	4	5	6
MED/4.55 Search and rescue locating devices (SRLD): AIS SART equipment Row 1 of 1	Type approval requirements - SOLAS 74 Reg. III/4, - SOLAS 74 Reg. IV/14.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61097-14:2010. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-14:2010.	B+D B+E B+F G		
	Carriage and performance requirements - SOLAS 74 Reg. III/6, - SOLAS 74 Reg. III/26, - SOLAS 74 Reg. IV/7, - IMO Res. MSC.246(83), - ITU-R M.1371-5:2014.				

Item MED/4.56, Galileo equipment– item moved to MED/4.63.

1	2	3	4	5	6
MED/4.57 Bridge Navigational Watch Alarm System (BNWAS) Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN 62616:2010 incl. IEC 62616 Corr. 1:2012, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)
	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.128(75), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1474.				

		1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62616:2010 incl. IEC 62616 Corr. 1:2012, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/4.57 Bridge Navigational Watch Alarm System (BNWAS) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.128(75), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1474.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN 62616:2010 incl. IEC 62616 Corr. 1:2012, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62616:2010 incl. IEC 62616 Corr. 1:2012, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	23.9.2025	

1	2	3	4	5	6
MED/4.58 Sound reception system Row 1 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code), - IMO Res. MSC.97(73)-(2000 HSC Code).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E	15.8.2022	23.9.2028 (i)

	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code), - IMO Res. MSC.86(70), - IMO Res. MSC.97(73)-(2000 HSC Code), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 14859:2012. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018, - ISO 14859:2012.	B+F G		
MED/4.58 Sound reception system Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code), - IMO Res. MSC.97(73)-(2000 HSC Code). Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code), - IMO Res. MSC.86(70), - IMO Res. MSC.97(73)-(2000 HSC Code), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ISO 14859:2012. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018,	B+D B+E B+F G	23.9.2025	

		- IEC 62923-2:2018, - ISO 14859:2012.			

1	2	3	4	5	6
MED/4.59 Integrated navigation system Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/15, - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.252(83), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN 61924-2:2013 incl. IEC 61924-2 Corr. 1:2013, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or : - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. With A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 61924-2:2012 incl. IEC 61924-2 Corr. 1:2013, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	15.8.2022	10.10.2026 (i)
MED/4.59 Integrated navigation system Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/15, - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,	B+D B+E B+F	10.10.2023	23.9.2028 (i)

	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.252(83), - IMO Res. MSC.302(87).	- EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. - EN IEC 61924-2:2021. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. With A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018. - IEC 61924-2:2021.	G		
MED/4.59 Integrated navigation system Row 3 of 3	Type approval requirements - SOLAS 74 Reg. V/15, - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.252(83), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. - EN IEC 61924-2:2021. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	23.9.2025	

		- IEC 61924-2:2021.			

Item MED/4.60, Radar equipment approved with a chart option, namely CAT 3C– item moved to MED/4.64.
Item MED/4.61, Radar equipment for high-speed craft applications CAT 3H - item deleted.
Item MED/4.62, Radar equipment for high-speed craft applications CAT 3HC - item deleted.

MED/4.63 GNSS Equipment Incorporating one or more of the following elements: - GPS equipment (Moved from Ex MED/4.14) - GLONASS equipment (Moved from Ex MED/4.15) - DGPS Equipment (Moved from Ex MED/4.50) - DGLONASS Equipment (Moved from Ex MED/4.51) - Galileo Equipment (Moved from Ex. MED/4.56) - Beidou (BDS) - SBAS Equipment Row 1 of 2 SBAS Equipment - New item inserted by Implementing Regulation (EU) 2024/1975.	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res.A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87). And for: GPS Equipment: - IMO Res. MSC.112(73). GLONASS equipment: - IMO Res. MSC.113(73). DGPS Equipment: - IMO Res. MSC.112(73), - IMO Res. MSC.114(73). DGLONASS Equipment: - IMO Res. MSC.113(73), - IMO Res. MSC.114(73), Galileo Equipment: - IMO Res. MSC.233(82). Beidou: - IMO Res. MSC 379(93). SBAS Equipment: - IMO Res. MSC.112(73).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. And for: GPS Equipment: - EN 61108-1:2003. GLONASS Equipment: - EN 61108-2:1998, DGPS Equipment: - EN 61108-1:2003, - EN 61108-4:2004. DGLONASS Equipment: - EN 61108-2:1998, - EN 61108-4:2004. Galileo Equipment: - EN 61108-3:2010. Beidou (BDS): - EN IEC 61108-5:2020. SBAS Equipment: - IEC 61108-7:2024. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series:	B+D B+E B+F G	4.9.2024	23.9.2028 (i)

		IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018. And for: GPS Equipment: - IEC 61108-1 Ed. 2.0:2003. GLONASS equipment: - IEC 61108-2 Ed. 1.0:1998. DGPS Equipment: - IEC 61108-1 Ed. 2.0:2003, - IEC 61108-4: 2004. DGLONASS Equipment: - IEC 61108-2 Ed. 1.0:1998, - IEC 61108-4:2004. Galileo Equipment: - IEC 61108-3:2010. Beidou (BDS): - EN IEC 61108-5:2020. SBAS Equipment: - IEC 61108-7:2024.			
MED/4.63 GNSS Equipment Incorporating one or more of the following elements:	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E B+F G	23.9.2025	

- GPS equipment (Moved from Ex MED/4.14) - GLONASS equipment (Moved from Ex MED/4.15) - DGPS Equipment (Moved from Ex MED/4.50) - DGLONASS Equipment (Moved from Ex MED/4.51) - Galileo Equipment (Moved from Ex. MED/4.56) - Beidou (BDS) - SBAS Equipment (New item inserted by Implementing Regulation (EU) 2024/1975.) - IRNSS Equipment - (New item inserted by Implementing Regulation (EU) 2025/1533). Row 2 of 2	Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res.A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87). And for: GPS Equipment: - IMO Res. MSC.112(73). GLONASS equipment: - IMO Res. MSC.113(73). DGPS Equipment: - IMO Res. MSC.112(73), - IMO Res. MSC.114(73). DGLONASS Equipment: - IMO Res. MSC.113(73), - IMO Res. MSC.114(73), Galileo Equipment: - IMO Res. MSC.233(82). Beidou: - IMO Res. MSC 379(93). SBAS Equipment: - IMO Res. MSC.112(73). IRNSS Equipment: - IMO Res. MSC.449(99).	EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. And for: GPS Equipment: - EN 61108-1:2003. GLONASS Equipment: - EN 61108-2:1998, DGPS Equipment: - EN 61108-1:2003, - EN 61108-4:2004. DGLONASS Equipment: - EN 61108-2:1998, - EN 61108-4:2004. Galileo Equipment: - EN 61108-3:2010. Beidou (BDS): - EN IEC 61108-5:2020. SBAS Equipment : - IEC 61108-7:2024. IRNSS Equipment: - IEC 61108-6:2023. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed.			

		1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And for: GPS Equipment: - IEC 61108-1 Ed. 2.0:2003. GLONASS equipment: - IEC 61108-2 Ed. 1.0:1998. DGPS Equipment: - IEC 61108-1 Ed. 2.0:2003, - IEC 61108-4:2004. DGLONASS Equipment: - IEC 61108-2 Ed. 1.0:1998, - IEC 61108-4:2004. Galileo Equipment: - IEC 61108-3:2010. Beidou (BDS): - EN IEC 61108-5:2020. SBAS Equipment: - IEC 61108-7:2024. IRNSS Equipment: - IEC 61108-6:2023.			

MED/4.64 Radar equipment - CAT 1 (Moved from Ex MED/4.34)	Type approval requirements - SOLAS 74 Reg. V/18, And for High-Speed Craft: - SOLAS 74 Reg. X/3,	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E	15.8.2022	23.9.2028 (i)

- CAT 2 (Moved from Ex MED/4.35) - CAT 3 (Moved from Ex MED/4.36) - CAT 1H (Moved from Ex MED/4.37) - CAT 2H (Moved from Ex MED/4.37) Row 1 of 2	- IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.278(VIII), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. - IMO Res. MSC.191(79), - IMO Res. MSC.192(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1349, - ITU-R M.1177-4 (04/11).	EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN 62388:2013 incl. IEC 62388 Corr 1:2014, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62388 Ed. 2.0:2013-06 incl. IEC 62388 Corr 1:2014, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+F G		
MED/4.64 Radar equipment - CAT 1 (Moved from Ex MED/4.34) - CAT 2 (Moved from Ex MED/4.35) - CAT 3 (Moved from Ex MED/4.36) - CAT 1H (Moved from Ex MED/4.37) - CAT 2H (Moved from Ex MED/4.37) Row 2 of 2	Type approval requirements - SOLAS 74 Reg. V/18, And for High-Speed Craft: - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. A.278(VIII), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. - IMO Res. MSC.191(79), - IMO Res. MSC.192(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1349, - ITU-R M.1177-4 (04/11).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN 62388:2013 incl. IEC 62388 Corr 1:2014, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024,	B+D B+E B+F G	23.9.2025	

		- IEC 62388 Ed. 2.0:2013-06 incl. IEC 62388 Corr 1:2014, - IEC 62923-1:2018, - IEC 62923-2:2018.			

MED/4.65 Gyro compass (Moved from Ex MED/4.3) (Moved from Ex MED/4.31) Row 1 of 3	Type approval requirements - SOLAS 74 Reg. V/18. - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements For gyro compass: - SOLAS 74 Reg. V/19, - IMO Res.A.424(XI), - IMO Res.A.694(17), - IMO Res.MSC.191(79), - IMO Res.MSC.302(87). For gyro compass for HSC: - IMO Res.A.694(17), - IMO Res.A.821(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1349.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. And additionally, for gyro compass: - ISO 8728:2014. And additionally, for gyro compass for HSC: - ISO 16328:2014. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for gyro compass: - ISO 8728:2014. And additionally, for gyro compass for HSC: - ISO 16328:2014.	B+D B+E B+F G	15.8.2022	23.9.2028 (i)

MED/4.65 Gyro compass (Moved from Ex MED/4.3) (Moved from Ex MED/4.31) Row 2 of 3	Type approval requirements - SOLAS 74 Reg. V/18. - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements For gyro compass: - SOLAS 74 Reg. V/19, - IMO Res.A.424(XI), - IMO Res.A.694(17), - IMO Res.MSC.191(79), - IMO Res.MSC.302(87). For gyro compass for HSC: - IMO Res.A.694(17), - IMO Res.A.821(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1349.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. And additionally, for gyro compass: - ISO 8728:2014. And additionally, for gyro compass for HSC: - ISO 16328:2014. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for gyro compass: - ISO 8728:2014. And additionally, for gyro compass for HSC: - ISO 16328:2014.	B+D B+E B+F G	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (i)

MED/4.65 Gyro compass (Moved from Ex MED/4.3) (Moved from Ex MED/4.31) Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. V/18. - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements For gyro compass: - SOLAS 74 Reg. V/19, - IMO Res.A.424(XI), - IMO Res.A.694(17), - IMO Res.MSC.191(79), - IMO Res.MSC.302(87). For gyro compass for HSC: - IMO Res.A.694(17), - IMO Res.A.821(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1349.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. And additionally, for gyro compass: - ISO 8728:2024. And additionally, for gyro compass for HSC: - ISO 16328:2014. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for gyro compass: - ISO 8728:2024. And additionally, for gyro compass for HSC: - ISO 16328:2014.	B+D B+E B+F G	[OP please insert the date = Date of entry into force of this Regulation]	

Item MED/4.66 - deliberately left blank.

MED/4.67 Electronic Inclinometer Equipment Row 1 of 2 New item inserted by Implementing Regulation (EU) 2024/1975	Type approval requirements - SOLAS 74 Reg. V/18. - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. MSC.363(92), - IMO Res. A.694(17), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- ISO 19697:2016, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 19697:2016, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F G	4.9.2024	23.9.2028 (i)
MED/4.67 Electronic Inclinometer Equipment Row 2 of 2 New item inserted by Implementing Regulation (EU) 2024/1975	Type approval requirements - SOLAS 74 Reg. V/18. - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res. MSC.363(92), - IMO Res. A.694(17), - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- ISO 19697:2016, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - ISO 19697:2016, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D B+E B+F G	23.9.2025	

		- IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

MED/4.68 Automatic Steering Aid - Heading control system (HCS) (Moved from Ex MED/4.16) - Heading control system for high-speed craft (Moved from Ex MED/4.40) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. V/18, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. V/19, - IMO Res. A.342(IX), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.64(67) Annex 3, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And for: Heading control system (HCS) - ISO 11674:2019.	B+D B+E B+F G	[OP please insert the date = Date of entry into force of this Regulation]	

		Heading control system for high-speed craft - ISO 16329:2003.			

MED/4.69 Voyage data recorder (VDR) - Voyage data recorder (VDR) (Moved from Ex MED/4.29) - Simplified coyage data recorder (S-VDR) (Moved from Ex MED/4.47) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - SOLAS 74 Reg. V/20, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.333(90).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And for: Voyage data recorder (VDR) - EN 61996-1:2013+A1:2021. Or, - IEC 61996-1 Ed. 2.0: 2013+A1:2021. Simplified voyage data recorder (S-VDR) - EN 61996-2:2008.	B+D B+E B+F G	[OP please insert the date = Date of entry into force of this Regulation]	

		Or, - IEC 61996-2: 2007.			

5. Radio-communication equipment

Notes applicable to section 5: Radio-communication equipment.

Column 3: In case of conflicting requirements between IMO MSC/Circ.862 and the product testing standards, the IMO MSC/Circ.862 requirements shall take precedence.

Column 3: In case of conflicting conditions, requirements and tests between Table 5 and Table 6 of IEC 60945 and other listed standards (i.e. ETSI standards), the IEC 60945 conditions, requirements and tests shall take precedence.

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
1	2	3	4	5	6
MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony. Row 1 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.385(X), - IMO Res. A.524(13), - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32, - ITU-R M.489-2 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.4.1:2017–02, - ETSI EN 301 843-2 V2.2. 1:2017–11, - ETSI EN 301 925 V1.5.1:2017–10, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-7:1996 incl. A1:2018, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. incl. A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018,	B+D B+E B+F	12.8.2020	25.8.2024 (iii)

		- IEC 62923-2:2018.			
MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony. Row 2 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.385(X), - IMO Res. A.524(13), - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32, - ITU-R M.489-2 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 301 843-2 V2.2. 1:2017–11, - ETSI EN 301 925 V1.6.1:2020–10, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-7:1996 incl. A1:2018, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. incl. A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	25.8.2021	1.1.2024 (iii)
MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony. Row 3 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.385(X),	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 301 843-2 V2.2. 1:2017–11, - ETSI EN 301 925 V1.6.1:2020–10,	B+D B+E B+F	15.8.2022	10.10.2026 (iii)

	- IMO Res. A.524(13), - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460 Revision 2, - IMO COMSAR/Circ.32, - ITU-R M.489-2 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15).	- EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-7:1996 incl. A1:2018, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. Incl. A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony. Note: Regardless of the current availability of IMO Res. MSC 511(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 803(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 511(105) will be available, the IMO Res. MSC 511(105) will be included. Row 4 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.385(X), - IMO Res. A.524(13), - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460 Revision 4, - IMO MSC.1/Circ.1676, - ITU-R M.489-2 (10/95),	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 843-2 V2.2. 1:2017–11, - ETSI EN 301 925 V1.6.1:2020–10, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-7: 1996 incl. A1:2018, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed.	B+D B+E B+F		23.9.2028 (iii)

	- ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15).	1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			

MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony. Note: Regardless of the current availability of IMO Res. MSC 511(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 803(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 511(105) will be available, the IMO Res. MSC 511(105) will be included. Row 5 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.385(X), - IMO Res. A.524(13), - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460 Revision 4, - IMO MSC.1/Circ.1676, - ITU-R M.489-2 (10/95), - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 843-2 V2.2. 1:2017–11, - ETSI EN 301 925 V1.6.1:2020–10, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-7:1996 incl. A1:2018, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)

MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony. Row 6 of 6 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.385(X), - IMO Res. A.524(13), - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC 511(105), - IMO COMSAR.1/Circ.32 Revision 3, - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460 Revision 5, - IMO MSC.1/Circ.1676, - ITU-R M.489-2 (10/95), - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 843-2 V2.2. 1:2017–11, - ETSI EN 301 925 V1.6.1:2020–10, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-7:2025, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/5.2 VHF DSC watch-keeping receiver Row 1 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09	B+D B+E B+F	12.8.2020	25.8.2024 (iii)

	- SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.489-2 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15).	- ETSI EN 300 338-2 V1.4.1:2017–02, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-2 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.2 VHF DSC watch-keeping receiver Row 2 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.489-2 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-2 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018,	B+D B+E B+F	25.8.2021	10.10.2026 (iii)

		- IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.2 VHF DSC watch-keeping receiver Note: Regardless of the current availability of IMO Res. MSC 511(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 803(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 511(105) will be available, IMO Res. MSC 511(105) will be included. Row 3 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1460 Revision 4, - IMO MSC.1/Circ.1676, - ITU-R M.489-2 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-2 V2.2.1:2017–11, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014–07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F		23.9.2028 (iii)
MED/5.2 VHF DSC watch-keeping receiver Note: Regardless of the current availability of IMO Res. MSC 511(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 803(19) can be still applied for	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.803(19),	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 033 V1.4.1:2013–09,	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this

certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 511(105) will be available, IMO Res. MSC 511(105) will be included. Row 4 of 5	- IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1460 Revision 4, - IMO MSC.1/Circ.1676, - ITU-R M.489-2 (10/95), - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23).	- ETSI EN 301 843-2 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			Regulation] (iii)
MED/5.2 VHF DSC watch-keeping receiver Row 5 of 5 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.803(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC 511(105), - IMO COMSAR.1/Circ.32 Revision 3, - IMO MSC.1/Circ.1460 Revision 5, - IMO MSC.1/Circ.1676, - ITU-R M.489-2 (10/95), - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-2 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-7:2025, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

		IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

1	2	3	4	5	6
MED/5.3 NAVTEX receiver Row 1 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.148(77), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 065-1 V1.2.1:2009-01, - ETSI EN 301 843-2 V2.2.1:2017-11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61097-6:2005 +A1:2011+A2:2019, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	12.8.2020	10.10.2026 (iii)
MED/5.3 NAVTEX receiver Row 2 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.508(105), - IMO COMSAR/Circ.32 Revision 2, - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 065-1 V1.2.1:2009-01, - ETSI EN 301 843-2 V2.2.1:2017-11, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed.	B+D B+E B+F		23.9.2028 (iii)

		1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61097-6:2005 +A1:2011+A2:2019, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.3 NAVTEX receiver Row 3 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.508(105), - IMO COMSAR/Circ.32 Revision 2, - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 065-1 V1.2.1:2009-01, - ETSI EN 301 843-2 V2.2.1:2017-11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61097-6:2005 +A1:2011+A2:2019, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)
MED/5.3 NAVTEX receiver Row 4 of 4 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3,	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 065-1 V1.2.1:2009-01, - ETSI EN 301 843-2 V2.2.1:2017-11,	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

	- IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.508(105), - IMO COMSAR.1/Circ.32 Revision 3, - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12).	- EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61097-6:2005 +A1:2011+A2:2019, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

1	2	3	4	5	6
MED/5.4 EGC receiver Row 1 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.570(14), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO Res. MSC.306(87), - IMO Res. MSC.431(98) (new provision), - IMO COMSAR/Circ.32.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 460 Ed.1:1996-05, - ETSI ETS 300 460/A1:1997–11, - ETSI EN 301 843-1 V2.2.1:2017-11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-4:2012 +A1:2016+A2:2019, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018,	B+D B+E B+F	12.8.2020	10.10.2026 (iii)

		- IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.4 EGC receiver Row 2 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.306(87), - IMO COMSAR/Circ.32 Revision 2.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 460 Ed.1:1996-05, - ETSI ETS 300 460/A1:1997-11, - ETSI EN 301 843-1 V2.2.1:2017-11, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-4:2012 +A1:2016+A2:2019, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F		23.9.2028 (iii)
MED/5.4 EGC receiver Row 3 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87),	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 460 Ed.1:1996-05, - ETSI ETS 300 460/A1:1997-11, - ETSI EN 301 843-1 V2.2.1:2017-11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)

	- IMO Res. MSC.306(87), - IMO COMSAR/Circ.32 Revision 2.	Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-4:2024, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

MED/5.4 EGC receiver Row 4 of 4 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.306(87), - IMO COMSAR.1/Circ.32 Revision 3.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 460 Ed.1:1996-05, - ETSI ETS 300 460/A1:1997-11, - ETSI EN 301 843-1 V2.2.1:2017-11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-4:2024, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018,	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

		- IEC 62923-2:2018.			

1	2	3	4	5	6
MED/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver) Row 1 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.699(17), - IMO Res. A.700(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32, - ITU-R M.492-6 (10/95), - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12), - ITU-R M.688 (06/90).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	13.9.2019	10.10.2026 (iii)
MED/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver) Note: Regardless of the current availability of IMO Res. MSC 512(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 806(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res.	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.699(17), - IMO Res. A.700(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14,	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or:	B+D B+E B+F		23.9.2028 (iii)

MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105) will be included. Row 2 of 4	- IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1460 Revision 4, - IMO MSC.1/Circ.1676, - ITU-R M.492-6 (10/95), - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12), - ITU-R M.688 (06/90).	- IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver) Note: Regardless of the current availability of IMO Res. MSC 512(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 806(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105) will be included. Row 3 of 4	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.1/507(105), - IMO Res. MSC.1/508(105), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1460 Revision 4, - IMO MSC.1/Circ.1676, - ITU-R M.492-6 (10/95), - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12), - ITU-R M.688 (06/90).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)

MED/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver) Note: Regardless of the current availability of IMO Res. MSC 512(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 806(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105) will be included. Row 4 of 4 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.1/507(105), - IMO Res. MSC.1/508(105), - IMO COMSAR.1/Circ.32 Revision 3, - IMO MSC.1/Circ.1460 Revision 5, - IMO MSC.1/Circ.1676, - ITU-R M.492-6 (10/95), - ITU-R M.540-2 (06/90), - ITU-R M.625-4 (03/12), - ITU-R M.688 (06/90).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - ETSI ETS 300 067 Ed.1:1990-11, - ETSI ETS 300 067/A1 Ed.1:1993-10, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6
MED/5.6 406 MHz EPIRB (COSPAS-SARSAT) Row 1 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14.	- IMO MSC/Circ.862, Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself. - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D B+E B+F		23.9.2028 (ii)

	Carriage and performance requirements - SOLAS 74 Reg. IV/7, - IMO Res. A.662(16), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.471(101), - IMO MSC/Circ.862, - IMO COMSAR/Circ.32, Revision 2, - ITU-R M.633-4 (12/10), - ITU-R M.690-3 (03/15).	- IEC 61097-2 ed4.0:2021.			
MED/5.6 406 MHz EPIRB (COSPAS-SARSAT) Row 2 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - IMO Res. A.662(16), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.471(101), - IMO MSC/Circ.862,	- IMO MSC/Circ.862, Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself. - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-2 ed4.0:2021.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (ii)

	- IMO COMSAR/Circ.32, Revision 2, - ITU-R M.633-5 (11/23), - ITU-R M.690-3 (03/15).				
MED/5.6 406 MHz EPIRB (COSPAS-SARSAT) Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/7, - IMO Res. A.662(16), - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.471(101), - IMO MSC/Circ.862, - IMO COMSAR.1/Circ.32 Revision 3, - ITU-R M.633-5 (11/23), - ITU-R M.690-3 (03/15).	- IMO MSC/Circ.862, Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself. - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-2 ed4.0:2021.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

Item MED/5.7, L band EPIRB (INMARSAT), - deliberately left blank.

Item MED/5.8, MF DSC Receiver, - deliberately left blank.

Item MED/5.9, Two-tone alarm generator, - deliberately left blank.

1	2	3	4	5	6
MED/5.10 MF radio capable of transmitting and receiving DSC and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on H3E are no longer applicable in the testing standards. Row 1 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.4.1:2017–02, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)
MED/5.10 MF radio capable of transmitting and receiving DSC and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on H3E are no longer applicable in the testing standards. Row 2 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14,	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018.	B+D B+E B+F	25.8.2021	10.10.2026 (iii)

	- IMO Res. MSC.302(87), - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.10 MF radio capable of transmitting and receiving DSC and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on H3E are no longer applicable in the testing standards. Note: Regardless of the current availability of IMO Res. MSC 512(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 804(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105), will be included. Row 3 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1676, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. With A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F		23.9.2028 (iii)

MED/5.10 MF radio capable of transmitting and receiving DSC and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on H3E are no longer applicable in the testing standards. Note: Regardless of the current availability of IMO Res. MSC 512(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 804(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105), will be included. Row 4 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1676, - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.1173-1 (03/12).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)
MED/5.10 MF radio capable of transmitting and receiving DSC and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on H3E are no longer applicable in the testing standards.	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17),	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06,	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

Row 5 of 5 (NEW ROW)	- IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC 512(105), - IMO COMSAR.1/Circ.32 Revision 3, - IMO MSC.1/Circ.1676, - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.1173-1 (03/12).	- ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-9:2025, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

1	2	3	4	5	6
MED/5.11 MF DSC watch-keeping receiver Row 1 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15),	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450 :2018, - ETSI EN 300 338-1 V1.5.1:2019-09, - ETSI EN 300 338-2 V1.4.1:2017–02, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series:	B+D B+E B+F	12.8.2020	25.8.2024 (iii)

	- ITU-R M.1173-1 (03/12).	IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. With A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.11 MF DSC watch-keeping receiver Row 2 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450 :2018, - ETSI EN 300 338-1 V1.5.1:2019-09, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. With A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	25.8.2021	10.10.2026 (iii)
MED/5.11 MF DSC watch-keeping receiver Note: Regardless of the current availability of IMO Res. MSC 512(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10,	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04,	B+D B+E B+F		23.9.2028 (iii)

with the IMO MSC.1/Circ 1676, the IMO Res.A. 804(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105), will be included. Row 3 of 5	- SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1676, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. With A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.11 MF DSC watch-keeping receiver Note: Regardless of the current availability of IMO Res. MSC 512(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 804(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105), will be included. Row 4 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1676, - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.1173-1 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61162 series: IEC 61162-1:2024	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)

		IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.11 MF DSC watch-keeping receiver Row 5 of 5 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/9, - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.804(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC 512(105), - IMO COMSAR.1/Circ.32 Revision 3, - IMO MSC.1/Circ.1676, - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.1173-1 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-9:2025, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

MED/5.12 Inmarsat-B SES this item has been deleted as Inmarsat-B SES Service has been discontinued on 31 December 2016.

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MED/5.13 Inmarsat-C SES Note: Regardless of the current availability of IMO Res. MSC 513(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 807(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 513(105) will be available, the Resolution IMO Res. MSC 513(105) will be included. Row 1 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.570(14), - IMO Res. A.664(16), Note for Res. A.664(16): applicable only if the Inmarsat C SES supports EGC functions. - IMO Res. A.694(17), - IMO Res. A.807(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO Res. MSC.306(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1676, - IMO COMSAR/Circ.32 Revision 2.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 460 Ed.1:1996–05, - ETSI ETS 300 460/A1:1997–11, - ETSI EN 301 843-1 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-4:2012 +A1:2016+A2:2019, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F		23.9.2028 (iii)
MED/5.13 Inmarsat-C SES Note: Regardless of the current availability of IMO Res. MSC 513(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 807(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 513(105) will be available, the Resolution IMO Res. MSC 513(105) will be included.	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.570(14), - IMO Res. A.664(16), Note for Res. A.664(16): applicable only if the Inmarsat C SES supports EGC functions. - IMO Res. A.694(17), - IMO Res. A.807(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79),	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 460 Ed.1:1996–05, - ETSI ETS 300 460/A1:1997–11, - ETSI EN 301 843-1 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)

Row 2 of 3	- IMO Res. MSC.302(87), - IMO Res. MSC.306(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1676, - IMO COMSAR/Circ.32 Revision 2.	- IEC 61097-4:2024, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.13 Inmarsat-C SES Note: Regardless of the current availability of IMO Res. MSC 513(105), such a resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. Thus, in accordance with the IMO MSC.1/Circ 1676, the IMO Res.A. 807(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 513(105) will be available, the Resolution IMO Res. MSC 513(105) will be included. Row 3of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.570(14), - IMO Res. A.664(16), Note for Res. A.664(16): applicable only if the Inmarsat C SES supports EGC functions. - IMO Res. A.694(17), - IMO Res. A.807(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.306(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1676, - IMO COMSAR.1/Circ.32 Revision 3.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 460 Ed.1:1996–05, - ETSI ETS 300 460/A1:1997–11, - ETSI EN 301 843-1 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-4:2024, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018,	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

		- IEC 62923-2:2018.			

1	2	3	4	5	6
MED/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on A3H are no longer applicable in testing standards. Row 1 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32, - ITU-R M.476-5 (10/95), - ITU-R M.492-6 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15) - ITU-R M.625-4 (03/12), - ITU-R M.1173-1 (03/12).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990–11, - ETSI ETS 300 067/A1 Ed.1:1993–10, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.4.1:2017–02, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014–07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)
MED/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony. Note: In line with IMO and ITU decisions, the	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998	B+D B+E B+F	25.8.2021	15.8.2025 (iii)

requirements for two-tone alarm generator and transmission on A3H are no longer applicable in testing standards. Row 2 of 6	Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32, - ITU-R M.476-5 (10/95), - ITU-R M.492-6 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15) - ITU-R M.625-4 (03/12), - ITU-R M.1173-1 (03/12).	EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990–11, - ETSI ETS 300 067/A1 Ed.1:1993–10, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014–07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on A3H are no longer applicable in testing standards. Row 3 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO MSC/Circ.862, - IMO MSC.1/Circ.1460, - IMO COMSAR/Circ.32,	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990–11, - ETSI ETS 300 067/A1 Ed.1:1993–10, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018.	B+D B+E B+F	15.8.2022	10.10.2026 (iii)

	- ITU-R M.476-5 (10/95), - ITU-R M.492-6 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15) - ITU-R M.625-4 (03/12), - ITU-R M.1173-1 (03/12).	Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on A3H are no longer applicable in testing standards. Note: Regardless of the current availability of IMO Res. MSC 512(105), that resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. In accordance with IMO MSC.1/Circ 1676, IMO Res.A. 806(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105) will be included. Row 4 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC/Circ.862, - IMO MSC.1/Circ.1676, - ITU-R M.476-5 (10/95), - ITU-R M.492-6 (10/95), - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15) - ITU-R M.625-4 (03/12), - ITU-R M.1173-1 (03/12).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI ETS 300 067 Ed.1:1990–11, - ETSI ETS 300 067/A1 Ed.1:1993–10, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09	B+D B+E B+F		23.9.2028 (iii)

		IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on A3H are no longer applicable in testing standards. Note: Regardless of the current availability of IMO Res. MSC 512(105), that resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. In accordance with IMO MSC.1/Circ 1676, IMO Res.A. 806(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105) will be included. Row 5 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC/Circ.862, - IMO MSC.1/Circ.1676, - ITU-R M.476-5 (10/95), - ITU-R M.492-6 (10/95), - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.625-4 (03/12), - ITU-R M.1173-1 (03/12).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 067 Ed.1:1990–11, - ETSI ETS 300 067/A1 Ed.1:1993–10, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)

MED/5.14 MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony. Note: In line with IMO and ITU decisions, the requirements for two-tone alarm generator and transmission on A3H are no longer applicable in testing standards. Row 6 of 6 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC 512(105), - IMO COMSAR.1/Circ.32 Revision 3, - IMO MSC/Circ.862, - IMO MSC.1/Circ.1676, - ITU-R M.476-5 (10/95), - ITU-R M.492-6 (10/95), - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.625-4 (03/12), - ITU-R M.1173-1 (03/12).	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI ETS 300 067 Ed.1:1990–11, - ETSI ETS 300 067/A1 Ed.1:1993–10, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04, - ETSI EN 300 373-1 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-9:2025, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6

MED/5.15 MF/HF DSC scanning watch keeping receiver. Row 1 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.4.1:2017–02, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)
MED/5.15 MF/HF DSC scanning watch keeping receiver. Row 2 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.493-15 (01/19),	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.5.1:2019–09, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D B+E B+F	25.8.2021	15.8.2025 (iii)

	- ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/5.15 MF/HF DSC scanning watch keeping receiver. Row 3 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998–09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010–11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	15.8.2022	10.10.2026 (iii)

MED/5.15 MF/HF DSC scanning watch keeping receiver. Note: Regardless of the current availability of IMO Res. MSC 512(105), that resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. In accordance with IMO MSC.1/Circ 1676, IMO Res.A. 806(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be available, the Resolution IMO Res. MSC 512(105) will be included. Row 4 of 6	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1676, - ITU-R M.493-15 (01/19), - ITU-R M.541-10 (10/15), - ITU-R M.1173-1 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04 - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62288 Ed. 3.0:2021, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F		23.9.2028 (iii)
MED/5.15 MF/HF DSC scanning watch keeping receiver. Note: Regardless of the current availability of IMO Res. MSC 512(105), that resolution has not been included in the current certification scheme for this MED IR because of the lack of related testing standards. In accordance with IMO MSC.1/Circ 1676, IMO Res.A. 806(19) can be still applied for certification purposes until 1 January 2028. When the related testing standards to IMO Res. MSC 512(105) will be	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14,	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04 - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024,	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation]

available, the Resolution IMO Res. MSC 512(105) will be included. Row 5 of 6	- IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO COMSAR/Circ.32 Revision 2, - IMO MSC.1/Circ.1676, - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.1173-1 (03/12).	- EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-8:1998, - IEC 61097-9:1997, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			(iii)
MED/5.15 MF/HF DSC scanning watch keeping receiver. Row 6 of 6 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - SOLAS 74 Reg. X/3, - IMO Res. A.694(17), - IMO Res. A.806(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC 512(105), - IMO COMSAR.1/Circ.32 Revision 3, - IMO MSC.1/Circ.1676, - ITU-R M.493-16 (12/23), - ITU-R M.541-11 (11/23). - ITU-R M.1173-1 (03/12).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - ETSI EN 300 338-1 V1.6.1:2021–05, - ETSI EN 300 338-2 V1.5.1:2020–06, - ETSI EN 300 338-7 V1.1.1:2022–04 - ETSI EN 301 033 V1.4.1:2013–09, - ETSI EN 301 843-5 V2.2.1:2017–11, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-3:2017, - IEC 61097-9:2025, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

		IEC 61162-450:2024, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.			

MED/5.16 Aeronautical two-way VHF radio telephone apparatus Ex. MED/9/5.8 Row 1 of 2	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements SOLAS 74/2009 Reg. IV/7, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.80(70), - IMO COMSAR/Circ.32 Revision 2, - ICAO Convention, Annex 10, Radio Regulations.	- ETSI EN 301 688 V1.2.1:2016-03, - EN 60945:2002 incl. IEC 60945 Corr.1:2008. Or: - ETSI EN 301 688 V1.2.1:2016-03, - IEC 60945:2002 incl. IEC 60945 Corr.1:2008.	B+D B+E B+F		[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)
MED/5.16 Aeronautical two-way VHF radio telephone apparatus Ex. MED/9/5.8 Row 2 of 2 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements SOLAS 74/2009 Reg. IV/7, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.80(70), - IMO COMSAR.1/Circ.32 Revision 3, - ICAO Convention, Annex 10, Radio Regulations.	- ETSI EN 301 688 V1.2.1:2016-03, - EN 60945:2002 incl. IEC 60945 Corr.1:2008. Or: - ETSI EN 301 688 V1.2.1:2016-03, - IEC 60945:2002 incl. IEC 60945 Corr.1:2008.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

1	2	3	4	5	6

MED/5.17 Portable survival craft two-way VHF radiotelephone apparatus Row 1 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. III/6, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.149(77), - ITU-R M.489-2 (10/95).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ETSI EN 300 225 V1.5.1:2015-12, - ETSI EN 301 843-2 V2.2.1:2017-11. Or: - IEC 60945:2002 incl. IEC 60945 Corr.1:2008, - IEC 61097-12:1996 +A1:2017.	B+D B+E B+F	13.9.2019	10.10.2026 (ii)
MED/5.17 Portable survival craft two-way VHF radiotelephone apparatus Row 2 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. III/6, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.149(77), - IMO Res. MSC.515(105), - ITU-R M.489-2 (10/95).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ETSI EN 300 225 V1.5.1:2015-12, - ETSI EN 301 843-2 V2.2.1:2017-11. Or: - IEC 60945:2002 incl. IEC 60945 Corr.1:2008, - IEC 61097-12:1996 +A1:2017.	B+D B+E B+F	10.10.2023	23.9.2028 (ii)
MED/5.17 Portable survival craft two-way VHF radiotelephone apparatus Row 3 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. III/6, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.515(105),	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ETSI EN 300 225 V1.5.1:2015-12, - ETSI EN 301 843-2 V2.2.1:2017-11. Or: - IEC 60945:2002 incl. IEC 60945 Corr.1:2008, - IEC 61097-12:1996 +A1:2017 + A2:2023	B+D B+E B+F	23.9.2025	

	- ITU-R M.489-2 (10/95).				

1	2	3	4	5	6
MED/5.18 Fixed survival craft two-way VHF radiotelephone apparatus Row 1 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. III/6, - IMO Res. A.694(17), - IMO Res. A.809(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - ITU-R M.489-2 (10/95).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ETSI EN 301 466 V1.2.1:2015-12. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-12:1996 + A1:2017.	B+D B+E B+F	19.6.2018	23.9.2028 (ii)
MED/5.18 Fixed survival craft two-way VHF radiotelephone apparatus Row 2 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. III/6, - IMO Res. A.694(17), - IMO Res. A.809(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - ITU-R M.489-2 (10/95).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ETSI EN 301 466 V1.2.1:2015-12. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-12:1996 +A1:2017 + A2:2023	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (ii)
MED/5.18 Fixed survival craft two-way VHF radiotelephone apparatus Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14. Carriage and performance requirements - SOLAS 74 Reg. III/6, - IMO Res. A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 8, - IMO Res. MSC.36(63)-(1994 HSC Code) 14,	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ETSI EN 301 466 V1.2.1:2015-12. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61097-12:1996 +A1:2017 + A2:2023	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

	- IMO Res. MSC.97(73)-(2000 HSC Code) 8, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.515(105), - ITU-R M.489-2 (10/95).				

MED/5.19 – Item deleted as the Inmarsat F77 service has been discontinued as from 1 December 2020

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1	2	**3**	4	5	6
MED/5.20 Fire-fighter's two-way radiotelephone apparatus Row 1 of 2	Type approval requirements - SOLAS 74 Reg. II-2/2. - SOLAS 74 Reg. II-2/10.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - ATEX Directive 2014/34/EU. a) UHF portable radios: - ETSI EN 300 720 V2.1.1:2017-01, b) VHF portable radios: - ETSI EN 301 178 V.2.2.2 :2017-04, - ETSI EN 301 843-1 V2.2.1:2017-11, - ETSI EN 301 843-2 V2.2. 1:2017-11. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - ATEX Directive 2014/34/EU. a) UHF portable radios: - ETSI EN 300 720 V2.1.1:2017-01, b) VHF portable radios: - ETSI EN 301 178 V.2.2.2 :2017-04, - ETSI EN 301 843-1 V2.2.1:2017-11, - ETSI EN 301 843-2 V2.2. 1:2017-11.	B+D B+E B+F	13.9.2019	10.10.2026 (ii)
	Carriage and performance requirements - SOLAS 74/2014 Reg. II-2/10. - IMO Res. A.694(17), - IMO MSC.1Circ 1616, - ITU-R M.489-2 (10/95), - ITU-R M.1174-4 (10/2019).				
MED/5.20 Fire-fighter's two-way radiotelephone apparatus Row 2 of 2	Type approval requirements - SOLAS 74 Reg. II-2/2. - SOLAS 74 Reg. II-2/10.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 60079 series a) UHF portable radios: - ETSI EN 300 720 V2.1.1:2017-01, b) VHF portable radios: - ETSI EN 301 178 V2.2.2 :2017-04, - ETSI EN 301 843-1 V2.2.1:2017-11, - ETSI EN 301 843-2 V2.2. 1:2017-11. Or: - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 60079 series a) UHF portable radios: - ETSI EN 300 720 V2.1.1:2017-01, b) VHF portable radios: - ETSI EN 301 178 V2.2.2 :2017-04, - ETSI EN 301 843-1 V2.2.1:2017-11, - ETSI EN 301 843-2 V2.2. 1:2017-11.	B+D B+E B+F	10.10.2023	
	Carriage and performance requirements - SOLAS 74/2014 Reg. II-2/10. - IMO Res. A.694(17), - IMO MSC.1Circ 1616, - ITU-R M.489-2 (10/95), - ITU-R M.1174-4 (10/2019)				

MED/5.21 Integrated communication system (ICS) Row 1 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. A694(17), - IMO Res. A.811(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1389 , - IMO COMSAR/Circ.32 Revision 2. - For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN 62940:2017, - EN IEC 62288:2022, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. - For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply. Or: - IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 62940:2016, - IEC 62288 Ed. 3.0:2021 - IEC 62923-1:2018, - IEC 62923-2:2018. - For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply.	B+D B+E B+F		23.9.2028 (i)

MED/5.21 Integrated communication system (ICS) Row 2 of 3	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. A694(17), - IMO Res. A.811(19), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1389 , - IMO COMSAR/Circ.32 Revision 2. - For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN 62940:2017, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. - For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply. Or: - IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62940:2016, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. - For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (i)

MED/5.21 Integrated communication system (ICS) Row 3 of 3 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3, - IMO Res. A694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.517(105), - IMO MSC.1/Circ.1389, - IMO COMSAR.1/Circ.32 Revision 3, - For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN 62940:2017, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. - For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply. Or: - IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62940:2016, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. - For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

MED/5.22 Ship Earth station for use in the GMDSS Ex MED/9/5.9. Row 1 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - IMO Res. A694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO Res. MSC.434(98), - IMO MSC/Circ.862, - IMO COMSAR/Circ.32.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - ETSI EN 301 441 V2.1.1:2016, - IEC 61097-16:2019. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - ETSI EN 301 441 V2.1.1:2016, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61097-16:2019, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for Inmarsat equipment: - ETSI ETS 300 460:1996 + A1:1997.	B+D B+E B+F	12.8.2020	25.8.2024 (iii)

MED/5.22 Ship Earth station for use in the GMDSS Inmarsat C equipment: Inmarsat Fleet Broad Band (FBB)equipment and Iridium equipment: Ex MED/9/5.9. Row 2 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - IMO Res. A694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO Res. MSC.434(98), - IMO MSC/Circ.862, - IMO COMSAR/Circ.32.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - IEC 61097-16:2019. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally, for Inmarsat Fleet Broad Band (FBB)equipment: - ETSI EN 301 444 V2.1.2:2016. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61097-16:2019, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally, for Inmarsat Fleet Broad Band (FBB)equipment: - ETSI EN 301 444 V2.1.2:2016. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016.	B+D B+E B+F	25.8.2021	15.8.2025 (iii)

MED/5.22 Ship Earth station for use in the GMDSS Inmarsat C equipment: Inmarsat Fleet Broad Band (FBB)equipment and Iridium equipment: Ex MED/9/5.9. Row 3 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - IMO Res. A694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.302(87), - IMO Res. MSC.434(98), - IMO MSC/Circ.862, - IMO COMSAR/Circ.32 Revision 2.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - IEC 61097-16:2019. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally, for Inmarsat Fleet Broad Band (FBB)equipment: - ETSI EN 301 444 V2.2.1:2021. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, - IEC 61097-16:2019, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally, for Inmarsat Fleet Broad Band (FBB)equipment: - ETSI EN 301 444 V2.2.1:2021. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016.	B+D B+E B+F		23.9.2028 (iii)

MED/5.22 Ship Earth station for use in the GMDSS Inmarsat C equipment: Inmarsat Fleet Broad Band (FBB)equipment and Iridium equipment: Ex MED/9/5.9. Row 4 of 5	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - IMO Res. A694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.434(98), - IMO MSC/Circ.862, - IMO COMSAR/Circ.32 Revision 2.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - IEC 61097-16:2019. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally, for Inmarsat Fleet Broad Band (FBB)equipment: - ETSI EN 301 444 V2.2.1:2021. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61097-16:2019, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally, for Inmarsat Fleet Broad Band (FBB)equipment: - ETSI EN 301 444 V2.2.1:2021. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016.	B+D B+E B+F	23.9.2025	[OP please insert the date = **36 months** after the date of entry into force of this Regulation] (iii)

MED/5.22 Ship Earth station for use in the GMDSS Inmarsat C equipment: Inmarsat Fleet Broad Band (FBB)equipment and Iridium equipment: Ex MED/9/5.9. Row 5 of 5 (NEW ROW)	Type approval requirements - SOLAS 74 Reg. IV/14, - SOLAS 74 Reg. X/3. Carriage and performance requirements - SOLAS 74 Reg. IV/10, - IMO Res. A694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 14, - IMO Res. MSC.97(73)-(2000 HSC Code) 14, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87), - IMO Res. MSC.434(98), - IMO MSC/Circ.862, - IMO COMSAR.1/Circ.32 Revision 3.	- IMO MSC/Circ.862, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018, - IEC 61097-16:2019. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally, for Inmarsat Fleet Broad Band (FBB)equipment: - ETSI EN 301 444 V2.2.1:2021. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016. Or: - IMO MSC/Circ.862, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 61097-16:2019, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018. And additionally, for Inmarsat C equipment: - ETSI ETS 300 460:1996 + A1:1997. And additionally for Inmarsat Fleet Broad Band (FBB) equipment with EIRP less than 15 dBW: - ETSI EN 301 681 V2.1.2:2016. And additionally for Inmarsat Fleet Broad Band (FBB) equipment with EIRP between 15 dBW and 33 dBW: - ETSI EN 301 444 V2.2.1:2021. And additionally, for Iridium equipment: - ETSI EN 301 441 V2.1.1:2016.	B+D B+E B+F	[OP please insert the date = Date of entry into force of this Regulation]	

6. Equipment required under COLREG 72

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
MED/6.1 Navigation lights Row 1 of 1	Type approval requirements - COLREG 72 Annex I/14. Carriage and performance requirements - COLREG 72 Annex I/14, - IMO Res. A.694(17), - IMO Res. MSC.253(83).	- EN 14744:2005 incl. AC:2006, - EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: - EN 14744:2005 incl. AC:2006, - IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F G		

7. Other safety equipment

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
MED/7.1 Self-contained compressed-air-operated breathing apparatus for entry and work in gas-filled space (New item inserted by Implementing Regulation (EU) 2018/773, refer to item MED/3.7) Row 1 of 1	Type approval requirements - SOLAS 74 Reg. II-2/10, - IMO Res. MSC.98(73)-(FSS Code) 3. Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/15, - IMO Res. MSC.98(73)-(FSS Code) 3, - IMO Res. MSC.4(48)-(IBC Code) 14, - IMO Res. MSC.5(48)-(IGC Code) 14, - IMO MSC.1/Circ.1499.	- ISO 23269-3:2011. Note: Associated fireproof lifeline under the item MED/3.44 shall be used together with the breathing apparatus and capable of being attached by means of a snap-hook to the harness of the apparatus or to a separate belt for preventing the breathing apparatus of becoming detached when the lifeline is operated. The declaration of conformity to this item shall indicate the equipment has to be used together with a lifeline item MED/3.44 and provide the user with the location where the lifeline is to be fitted.	B+D B+E B+F G	19.6.2018	

8. Equipment under SOLAS Chapter II-1

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
MED/8.1 Water level detectors Row 1 of 4	Type approval requirements - SOLAS 74 Reg. II-1/22-1, - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. XII/12. Carriage and performance requirements - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. XII/12. - IMO Res. A.1021(26), - IMO Res. MSC.188(79), - IMO MSC.1/Circ.1572.	- IEC-60092-504:2016, - IEC 60529 Ed. 2.2:2013 incl. Corr1:2013 and Corr2:2015, - IMO Res. MSC.188(79), - IMO MSC.1/Circ.1291.	B+D B+E B+F	13.9.2019	15.8.2025 (iii)
MED/8.1 Water level detectors Row 2 of 4	Type approval requirements - SOLAS 74 Reg. II-1/22-1, - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. XII/12. Carriage and performance requirements - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. XII/12. - IMO Res. A.1021(26), - IMO Res. MSC.188(79), - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1572, Revision 1.	- IEC-60092-504:2016, - IEC 60529 Ed. 2.2:2013 incl. Corr1:2013 and Corr2:2015, - IMO Res. MSC.188(79), - IMO MSC.1/Circ.1291, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC-60092-504:2016, - IEC 60529 Ed. 2.2:2013 incl. Corr1:2013 and Corr2:2015, - IMO Res. MSC.188(79), - IMO MSC.1/Circ.1291, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	15.8.2022	4.9.2027 (iii)
MED/8.1 Water level detectors Row 3 of 4	Type approval requirements - SOLAS 74 Reg. II-1/22-1, - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. II-1/25-1, - SOLAS 74 Reg. XII/12. Carriage and performance requirements - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. II-1/25-1,	- IEC-60092-504:2016, - IEC 60529 Ed. 2.2:2013 incl. Corr1:2013 and Corr2:2015, - IMO Res. MSC.188(79) Revision 2, - IMO MSC.1/Circ.1291, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018.	B+D B+E B+F	4.9.2024	23.9.2028 (iii)

	- SOLAS 74 Reg. XII/12. - IMO Res. A.1021(26), - IMO Res. MSC.188(79) Revision 2, - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1572, Revision 1.	Or: - IEC-60092-504:2016, - IEC 60529 Ed. 2.2:2013 incl. Corr1:2013 and Corr2:2015, - IMO Res. MSC.188(79) Revision 2, - IMO MSC.1/Circ.1291, - IEC 62923-1:2018, - IEC 62923-2:2018.			
MED/8.1 Water level detectors Row 4 of 4	Type approval requirements - SOLAS 74 Reg. II-1/22-1, - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. II-1/25-1, - SOLAS 74 Reg. XII/12. Carriage and performance requirements - SOLAS 74 Reg. II-1/25, - SOLAS 74 Reg. II-1/25-1, - SOLAS 74 Reg. XII/12. - IMO Res. A.1021(26), - IMO Res. MSC.188(79) Revision 2, - IMO Res. MSC.302(87), - IMO MSC.1/Circ.1572, Revision 2.	- IEC-60092-504:2016, - IEC 60529:1989+A1:1999+A2:2013, - IMO Res. MSC.188(79) Revision 2, - IMO MSC.1/Circ.1291, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - IEC-60092-504:2016, - IEC 60529:1989+A1:1999+A2:2013, - IMO Res. MSC.188(79) Revision 2, - IMO MSC.1/Circ.1291, - IEC 62923-1:2018, - IEC 62923-2:2018.	B+D B+E B+F	23.9.2025	

9. Equipment not subject to MED certification

The following list is for information only.

9.1. Life-saving appliances

MED/9/1.5 Public address & general emergency alarm system (when used as fire alarm device item MED/3.53 shall apply)	Moved to MED/1.44a and MED/1.44b by Implementing Regulation (EU) 2022/1157.

9.2. Marine pollution prevention equipment

Number and item designation	Regulation MARPOL 73/78, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/2.4 Equipment using other technological methods to limit SOx emissions	Type approval requirements - IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4), - IMO Res.MEPC.184(59).	
	Carriage and performance requirements - IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4).	

9.3. Fire protection equipment

Number and item designation	Regulation of SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/3.8 Electric safety lamp	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3, - IMO Res.MSC.98(73)-(FSS Code) 3.	- EN 60079 series.
	Carriage and performance requirements - SOLAS 74/2009 Reg. II-2/10, - IMO Res.MSC.36(63)-(1994 HSC Code) 7, - IMO Res.MSC.97(73)-(2000 HSC Code) 7, - IMO Res.MSC.98(73)-(FSS Code) 3.	
MED/9/3.9 Protective clothing resistant to chemical attack	Type approval requirements - SOLAS 74 Reg. II-2/19.	- EN 943-1:2015 incl. A1:2019, - EN 943-2:2019, - EN 13832-1:2018, - EN 13832-2:2018, - EN 13832-3:2018, - EN 14605:2005 incl. A1:2009, - EN ISO 6530:2005, - ISO 6529:2013, - IMO MSC/Circ.1120.
	Carriage and performance requirements - SOLAS 74 Reg. II-2/19, - IMO Res.MSC.36(63)-(1994 HSC Code) 7, - IMO Res.MSC.97(73)-(2000 HSC Code) 7, - IMO Res.MSC.4(48)-(IBC Code) 14, - IMO Res.MSC.5(48)-(IGC Code) 14.	
MED/9/3.21 Paint lockers and flammable liquid lockers fire extinguishing systems components	Type approval requirements - SOLAS 74 Reg. II-2/10.	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - IMO MSC/Circ.1239.	
MED/9/3.24 Portable Foam Applicator Units	Type approval requirements - SOLAS 74 Reg. II-2/10,	

Number and item designation	Regulation of SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
	- SOLAS 74 Reg. II-2/20, - SOLAS 74 Reg. X/3.	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/20, - IMO Res.MSC.36(63)-(1994 HSC Code) 7, - IMO Res.MSC.97(73)-(2000 HSC Code) 7, - IMO Res.MSC.98(73)-(FSS Code) 4, - IMO MSC/Circ.1239, - IMO MSC.1/Circ.1313.	
MED/9/3.26 Gaseous Fuel Systems Used for Domestic Purposes (components)	Type approval requirements - SOLAS 74 Reg. II-2/4.	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/4, - IMO MSC.1/Circ.1276 Rev.1.	
MED/9/3.27 Fixed Gas Fire Extinguishing Systems (CO_2) components	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. X/3.	Electrical automatic control and delay devices: - EN 12094-1:2003, Non-electrical automatic control and delay devices: - EN 12094-2:2003, Manual triggering and stop devices: - EN 12094-3:2003, Container valve assemblies and their actuators: - EN 12094-4:2004, High- and low-pressure selector valves and their actuators: - EN 12094-5:2006, Non-electrical disable devices: - EN 12094-6:2006, Nozzles for CO2 Systems: - EN 12094-7:2000 incl. A1:2005,
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10., - SOLAS 74 Reg. II-2/20, - IMO Res.MSC.36(63)-(1994 HSC Code) 7, - IMO Res.MSC.97(73)-(2000 HSC Code) 7, - IMO Res.MSC.98(73)-(FSS Code) 5, - IMO MSC.1/Circ.1313, - MSC.1/Circ.1318/Rev.1, - IMO MSC.1/Circ.1456 Rev.1.	

Number and item designation	Regulation of SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
		Connectors: - EN 12094-8:2006, Pressure gauges and pressure switches: - EN 12094-10:2003, Mechanical weighing devices: - EN 12094-11:2003, Check valves and non-return valves: - EN 12094-13:2001 incl. AC:2002, Odorizing devices for CO2 low pressure systems: - EN 12094-16:2003.
MED/9/3.31 Water Spraying Hand Operated System	Type approval requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/19.	
	Carriage and performance requirements - SOLAS 74 Reg. II-2/10, - SOLAS 74 Reg. II-2/19.	
MED/9/3.33 Fire hoses with diameter > 52 mm	Moved to MED/3.29 by Implementing Regulation (EU) 2025/1533	
MED/9/3.74 Alcohol-resistant foam system Added by Implementing Regulation (EU) 2022/1157.	Type approval requirements - SOLAS 74 Reg. II-1/56, - SOLAS 74 Reg. II-1/57.	
	Carriage and performance requirements - SOLAS 74 Reg. II-1/56, - IMO Res.MSC.391(95)-(IGF Code), - IMO MSC.1/Circ.1621.	

Number and item designation	Regulation of SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/3.75 Flexible hoses suitable for methyl/ethyl alcohol for fuel piping systems Added by Implementing Regulation (EU) 2022/1157.	Type approval requirements - SOLAS 74 Reg. II-1/56, - SOLAS 74 Reg. II-1/57.	
	Carriage and performance requirements - SOLAS 74 Reg. II-1/56, - IMO Res.MSC.391(95)-(IGF Code), - IMO MSC.1/Circ.1621.	
MED/9/3.76 Vapour outlets suitable for methyl/ethyl alcohol fuel tanks Added by Implementing Regulation (EU) 2022/1157.	Type approval requirements - SOLAS 74 Reg. II-1/56, - SOLAS 74 Reg. II-1/57.	
	Carriage and performance requirements - SOLAS 74 Reg. II-1/56, - IMO Res. MSC.5(48)-(IGC Code), - IMO MSC.1/Circ.1621.	

9.4. Navigation equipment

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/4.20 Track control system for - high-speed craft	Type approval requirements - SOLAS 74/2009 Reg. X/3, - IMO Res.MSC.36(63)-(1994 HSC Code), - IMO Res.MSC.97(73)-(2000 HSC Code). Carriage and performance requirements - IMO Res.A.694(17), - IMO Res.MSC.36(63)-(1994 HSC Code), - IMO Res.MSC.97(73)-(2000 HSC Code), - IMO Res.MSC.191(79).	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or: - EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62940:2016, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.
MED/9/4.21 Electronic Record Book (ERB) Added by Implementing Regulation (EU) 2024/1975.	Type approval requirements - SOLAS 74 Reg. V/18, - SOLAS 74 Reg. X/3, - IMO Res.MSC.36(63)-(1994 HSC Code) 13, - IMO Res.MSC.97(73)-(2000 HSC Code) 13. Carriage and performance requirements - IMO Res.A.694(17), - IMO Res.MSC.36(63)-(1994 HSC Code) 13,	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - EN 61162 series: EN IEC 61162-1:2024 EN IEC 61162-2:2024 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2024, - EN IEC 62288:2022 incl. Amd 1:2024, - EN IEC 62923-1:2018, - EN IEC 62923-2:2018. Or:

	- IMO Res.MSC.97(73)-(2000 HSC Code)13, - IMO Res.MSC.191(79), - IMO Res.MSC.302(87). Note: A specific SOLAS carriage requirement (e.g. SOLAS Reg. V/19) is not available for the time being.	- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, - IEC 61162 series: IEC 61162-1:2024 IEC 61162-2:2024 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2024, - IEC 62940:2016, - IEC 62288 Ed. 3.0:2021 incl. Amd 1:2024, - IEC 62923-1:2018, - IEC 62923-2:2018.

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/4.22 QZNSS Quasi Zenith Navigational Satellite System Note: QZNSS only together with GPS, GLONASS, Galileo and Beidou New item inserted by Implementing Regulation (EU) 2025/1533	Type approval requirements - SOLAS 74Reg. X/3, - IMO Res.MSC.36(63)-(1994 HSC Code), - IMO Res.MSC.97(73)-(2000 HSC Code). Carriage and performance requirements - SOLAS 74 Reg. V/19, - IMO Res.A.694(17), - IMO Res. MSC.36(63)-(1994 HSC Code) 13, - IMO Res. MSC.97(73)-(2000 HSC Code) 13, - IMO Res. MSC.191(79), - IMO Res. MSC.302(87). QZNSS: IMO Res.MSC 480(102)	

9.5. Radiocommunication equipment

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/5.8 Aeronautical two-way VHF radio telephone apparatus	Moved to MED/5.16 by Implementing Regulation (EU) 2020/1170.	

9.6. Equipment required under COLREG 72

Number and item designation	Regulation of COLREG 72, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/6.2 Sound signal appliances	Type approval requirements - COLREG 72 Annex III/3. Carriage and performance requirements - COLREG 72 Annex III/3, - IMO Res.A.694(17).	- EN 60945:2002 incl. IEC 60945:2002/COR1:2008, - Whistles - COLREG 72 Annex III/1 (Performance), - Bells or Gongs - COLREG 72 Annex III/2 (Performance), Or - IEC 60945:2002 incl. IEC 60945:2002/COR1:2008, - Whistles - COLREG 72 Annex III/1 (Performance), - Bells or Gongs - COLREG 72 Annex III/2 (Performance).

MED/9/6.3 Navigation lights controller Added by Implementing Regulation (EU) 2024/1975.	Deleted by Implementing Regulation (EU) 2025/1533

9.7. Other safety equipment

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/7.1 Loading instrument Note: Please see IACS Recommendation No. 48.	Type approval requirements - SOLAS 74 Reg. XII/11, - 1997 SOLAS Conference Res. 5.	- IMO MSC.1/Circ.1229.
	Carriage and performance requirements - SOLAS 74 Reg. XII/11, - 1997 SOLAS Conference Res. 5.	

9.8. SOLAS Chapter II-1 equipment

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards
MED/9/8.1 Cold weather starting of generator sets (starting devices)	Type approval requirements - SOLAS 74 Reg. II-1/44, - SOLAS 74 Reg. X/3.	
	Carriage and performance requirements - SOLAS 74 Reg. II-1/44, - IMO Res.MSC.36(63)-(1994 HSC Code) 12, - IMO Res.MSC.97(73)-(2000 HSC Code) 12, - IMO MSC.1/Circ.1572 Rev.2.	

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