

## II

(Non-legislative acts)

## ACTS ADOPTED BY BODIES CREATED BY INTERNATIONAL AGREEMENTS

### DECISION No 1/2018 OF THE JOINT COMMITTEE ESTABLISHED BY THE AGREEMENT BETWEEN THE EUROPEAN COMMUNITY AND THE UNITED STATES OF AMERICA

of 18 February 2019

#### on the mutual recognition of certificates of conformity for marine equipment amending Annexes I, II and III [2019/996]

THE JOINT COMMITTEE,

Having regard to the Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment, and in particular Article 7 thereof;

Whereas:

- (1) Pursuant to Article 7(3)(d) of the Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment ('the Agreement'), the Joint Committee established under Article 7(1) of the Agreement may amend the Annexes thereto.
- (2) The European Union has adopted Directive 2014/90/EU of the European Parliament and of the Council <sup>(1)</sup> which repeals Council Directive 96/98/EC on marine equipment <sup>(2)</sup>.
- (3) Therefore, Annex I to the Agreement should be amended to reflect this change in the European Union legislation.
- (4) In accordance with Article 7(3)(a) of the Agreement, the Joint Committee is responsible for developing and maintaining the list in Annex II of products and associated legislative, regulatory and administrative provisions that the Parties have determined to be equivalent.
- (5) Taking into account technical progress and changes to relevant international instruments, the European Union and the United States of America have agreed on the modification of the product coverage for mutual recognition.
- (6) The list of regulatory authorities and their addresses should be updated and the regulatory authorities of the Member States that most recently joined the Union should be included.
- (7) Therefore, Annexes I, II and III to the Agreement should be amended accordingly,

HAS DECIDED AS FOLLOWS:

Annexes I, II and III of the Agreement are replaced by the text in the Annex to this Decision.

<sup>(1)</sup> Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 on marine equipment and repealing Council Directive 96/98/EC (OJ L 257, 28.8.2014, p. 146).

<sup>(2)</sup> Council Directive 96/98/EC of 20 December 1996 on marine equipment (OJ L 46, 17.2.1997, p. 25).

This Decision, done in duplicate, shall be signed by representatives of the Joint Committee who are authorised to act on behalf of the Parties for purposes of amending the Agreement. This Decision shall be effective from the date of the later of these signatures.

*On behalf of the United States of America*

James C. SANFORD

Signed in Washington, on 29 January 2019

*On behalf of the European Union*

Ignacio IRUARRIZAGA

Signed in Brussels, on 18 February 2019

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## ANNEX I

**LEGISLATION, REGULATIONS AND ADMINISTRATIVE PROVISIONS**

## — EU legislation, regulations and administrative provisions:

Directive 2014/90/EU (hereinafter referred to as 'MED') and the implementing acts adopted in accordance with Articles 35(2) and (3) of that Directive.

The Parties recognise that the 'The "Blue Guide" on the implementation of EU products rules 2016' provides useful guidelines for the implementation of in particular conformity assessment procedures falling under the MED.

## — US legislation, regulations and administrative provisions:

46 USC. 3306

46 CFR Parts 159 to 165

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## PRODUCT COVERAGE FOR MUTUAL RECOGNITION

General note:

The international conventions apply in their up- to- date version. For the purpose of identifying correctly the relevant standards, test reports, certificates of conformity and declarations of conformity shall identify the specific testing standard applied and its version.

## Life saving appliances

Product item identification	Applicable international instruments for construction, performance and testing requirements <sup>(1)</sup>	EU technical regulations, item number in accordance with Directive 2014/90/EU.	US technical regulations and approval guidance
Position- indicating lights for life- saving appliances: (a) for survival craft and rescue boats (New item)	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res.MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res.MSC.81(70), as amended</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.2a	<ul style="list-style-type: none"> <li>— USCG 161.101</li> <li>— Guidance for Approval of Position- indicating lights for survival craft dated 11 March 1999</li> </ul>
Position- indicating lights for life- saving appliances: (b) for lifebuoys (New item)	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res.MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res.MSC.81(70), as amended</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.2b	<ul style="list-style-type: none"> <li>— USCG 161.110</li> </ul>
Position- indicating lights for life- saving appliances: (c) for lifejackets (New item)	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res.MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res.MSC.81(70), as amended</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.2c	<ul style="list-style-type: none"> <li>— USCG 161.112</li> <li>— Lifejacket light approval Guidance (SOLAS) 22 March 1999</li> </ul>
Lifebuoy self- activating smoke signals Note: Expiration date not to exceed 48 months after month of manufacture.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, II</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.3	<ul style="list-style-type: none"> <li>— USCG 160.157</li> <li>— Guidelines for Approval of 'SOLAS' Pyrotechnic Signals and Line Throwing Appliances, March 2005.</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements (1)	EU technical regulations, item number in accordance with Directive 2014/90/EU.	US technical regulations and approval guidance
Rocket parachute flares (pyrotechnics) Note: Expiration date not to exceed 48 months after month of manufacture.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, III</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.8	<ul style="list-style-type: none"> <li>— USCG 160.136</li> <li>— Guidelines for Approval of 'SOLAS' Pyrotechnic Signals and Line Throwing Appliances, March 2005</li> </ul>
Hand flares (pyrotechnics) Note: Expiration date not to exceed 48 months after month of manufacture.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, III</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.9	<ul style="list-style-type: none"> <li>— USCG 160.121</li> <li>— Guidelines for Approval of 'SOLAS' Pyrotechnic Signals and Line Throwing Appliances, March 2005</li> </ul>
Buoyant smoke signals (pyrotechnics) Note: Expiration date not to exceed 48 months after month of manufacture.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.48(66)- (LSA Code) I, III</li> <li>— IMO Res. MSC.81(70), as amended</li> </ul>	MED/1.10	<ul style="list-style-type: none"> <li>— USCG 160.122</li> <li>— Guidelines for Approval of 'SOLAS' Pyrotechnic Signals and Line Throwing Appliances, March 2005</li> </ul>
Line- throwing appliances Note: Expiration date not to exceed 48 months after month of manufacture.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, VII</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.11	<ul style="list-style-type: none"> <li>— 46 CFR 160.040</li> <li>— Guidelines for Approval of 'SOLAS' Pyrotechnic Signals and Line Throwing Appliances, March 2005</li> <li>— MIL- R- 45505 A2</li> </ul>
Rigid liferafts Note: The emergency pack is not covered by the Agreement	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> <li>— IMO MSC Circ.811</li> </ul>	MED/1.13	<ul style="list-style-type: none"> <li>— USCG 160.118</li> <li>— Rigid liferaft – Coast Guard (CG-5214) Review Checklist, 27 July 1998</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements (1)	EU technical regulations, item number in accordance with Directive 2014/90/EU.	US technical regulations and approval guidance
<p>Automatically self-righting liferafts (rigid liferafts only/inflatable liferafts not covered)</p> <p>Note: The emergency pack is not covered by the Agreement</p>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> <li>— IMO MSC Circ.809</li> <li>— IMO MSC Circ.811</li> <li>— IMO MSC Circ.1006</li> <li>— IMO MSC.1 Circ.1328</li> </ul>	<p>MED/1.14</p>	<ul style="list-style-type: none"> <li>— USCG 160.118</li> <li>— Rigid liferaft – Coast Guard (CG-5214) Review Checklist, 27 July 1998</li> </ul>
<p>Canopied reversible liferafts (rigid liferafts only/inflatable liferafts not covered)</p> <p>Note: The emergency pack is not covered by the Agreement</p>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> <li>— IMO MSC Circ.809</li> <li>— IMO MSC Circ.811</li> <li>— IMO MSC.1 Circ.1328</li> </ul>	<p>MED/1.15</p>	<ul style="list-style-type: none"> <li>— USCG 160.118</li> <li>— Rigid liferaft – Coast Guard (CG-5214) Review Checklist, 27 July 1998</li> </ul>
<p>Float-free arrangements for liferafts (hydrostatic release units)</p>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> <li>— IMO MSC Circ.811</li> </ul>	<p>MED/1.16</p>	<ul style="list-style-type: none"> <li>— USCG 160.162</li> <li>— Interim Guidelines for Approval and Production Testing of SOLAS Hydrostatic Release Units</li> </ul>
<p>Release mechanism for:</p> <p>(a) Lifeboats and rescue boats (launched by a fall or falls)</p> <p>Limited to Davit-launched liferaft automatic release hook</p>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, IV</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> <li>— IMO MSC.1/Circ.1419</li> </ul>	<p>MED/1.26 (a)</p>	<ul style="list-style-type: none"> <li>— 46 CFR 160.170</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements <sup>(1)</sup>	EU technical regulations, item number in accordance with Directive 2014/90/EU.	US technical regulations and approval guidance
Release mechanism for: (b) Liferrafts (launched by a fall or falls) Limited to Davit- launched liferaft automatic release hook	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, VI</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.26 (b)	— 46 CFR 160.170
Marine evacuation systems	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I, VI</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.27	— USCG 160.175
Embarkation Ladders (New item)	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)- (1994 HSC Code)</li> <li>— IMO Res.MSC.48(66)- (LSA Code) I, VI</li> <li>— IMO Res. MSC.81(70), as amended</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code)</li> <li>— IMO MSC.1/Circ.1285</li> <li>— ISO 5489:2008</li> </ul>	MED/1.29	— USCG 160.117
Retro- reflective materials (New item)	<ul style="list-style-type: none"> <li>— IMO Res. A.658(16)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 8</li> <li>— IMO Res. MSC.48(66)- (LSA Code) I</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 8</li> </ul>	MED/1.30	<ul style="list-style-type: none"> <li>— 46 CFR 164.018</li> <li>— NVIC 2- 92</li> </ul>

<sup>(1)</sup> 'LSA Code' refers to the International Life-Saving Appliance Code adopted on 4 June 1996 (IMO Resolution MSC.48(66)). 'Recommendation on Testing' refers to the IMO recommendation on Testing of Life-Saving Appliances adopted on 6 November 1991 (IMO Resolution A.689(17)) as amended on 11 December 1998 (IMO Resolution MSC.81(70)).

### Fire protection

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Primary decks covering	— IMO Res. MSC.36(63)- (1994 HSC Code) 7	MED/3.1	— 46 CFR 164.106

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
	<ul style="list-style-type: none"> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> </ul>		
<p>'A' &amp; 'B' Class divisions fire integrity</p> <p>(a) 'A' class divisions,</p>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC/Circ.1120</li> <li>— IMO MSC.1/Circ.1434</li> <li>— IMO MSC.1/Circ.1435</li> </ul>	MED/3.11 (a)	<ul style="list-style-type: none"> <li>— 46 CFR 164.105</li> <li>— 46 CFR 164.107</li> </ul>
<p>'A' &amp; 'B' Class divisions fire integrity</p> <p>(b) 'B' class divisions.</p> <p>Note: Restricted 'B' Class divisions are not covered by this agreement.</p>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> </ul>	MED/3.11 (b)	<ul style="list-style-type: none"> <li>— 46 CFR 164.108</li> <li>— 46 CFR 164.110</li> </ul>
Non-combustible materials	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> </ul>	MED/3.13	<ul style="list-style-type: none"> <li>— 46 CFR 164.109</li> </ul>
<p>Fire doors</p> <p>Limited to fire doors without windows or with total window area no more than 645 cm<sup>2</sup> in each door leaf.</p> <p>Approval limited to maximum door size tested.</p> <p>Doors must be used with a fire tested frame design.</p> <p>Note: Restricted 'B' Class doors are not covered by this agreement.</p>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC.1/Circ.1319</li> <li>— IMO MSC.1/Circ.1511</li> </ul>	MED/3.16	<ul style="list-style-type: none"> <li>— 46 CFR 164.136</li> </ul>



Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Fire door control systems components. Note: When the term 'system components' is used in column 1 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.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> </ul>	MED/3.17	<ul style="list-style-type: none"> <li>— 46 CFR 164.146</li> </ul>
Surface materials and floor coverings with low flame- spread characteristics (a) decorative veneers.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC Circ.1120</li> </ul>	MED/3.18 (a)	<ul style="list-style-type: none"> <li>— 46 CFR 164.112</li> </ul>
Surface materials and floor coverings with low flame- spread characteristics (b) paint systems.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC Circ.1120</li> </ul>	MED/3.18 (b)	<ul style="list-style-type: none"> <li>— 46 CFR 164.112</li> </ul>
Surface materials and floor coverings with low flame- spread characteristics (c) floor coverings.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC Circ.1120</li> </ul>	MED/3.18 (c)	<ul style="list-style-type: none"> <li>— 46 CFR 164.117</li> </ul>
Surface materials and floor coverings with low flame- spread characteristics (d) combustible ducts.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC Circ.1120</li> </ul>	MED/3.18 (f)	<ul style="list-style-type: none"> <li>— 46 CFR 164.112</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Draperies, curtains and other suspended textile materials and films	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC.1 Circ.1456, as amended</li> </ul>	MED/3.19	— 46 CFR 164.111
Upholstered furniture	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> </ul>	MED/3.20	— 46 CFR 164.144
Bedding components	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 7</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 7</li> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> </ul>	MED/3.21	— 46 CFR 164.142
Fire dampers	<ul style="list-style-type: none"> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> </ul>	MED/3.22	— 46 CFR 164.139
Penetrations through 'A' class (a) electric cable transits.	<ul style="list-style-type: none"> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— MSC.1/Circ 1488</li> </ul>	MED/3.26 (a)	— 46 CFR 164.138
Penetrations through 'A' class (b) pipe, duct, trunk, etc. penetrations	<ul style="list-style-type: none"> <li>— IMO Res. MSC.307(88) (2010 FTP Code), as amended</li> <li>— IMO MSC.1 Circ.1276</li> <li>— MSC.1/Circ 1488</li> </ul>	MED/3.26 (b)	— 46 CFR 164.138

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Fire restricting materials (except furniture) for high speed craft (New item)	— 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 — IMO MSC.1 Circ.1457	MED/3.32	— 46 CFR 164.201
Fire restricting materials for furniture for high speed craft (New item)	— 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	MED/3.33	— 46 CFR 164.201
Fire resisting divisions for high speed craft (New item)	— 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 — IMO MSC.1 Circ.1457	MED/3.34	— 46 CFR 164.207

### Navigation equipment

Notes applicable to this section:

1. Resolution A.1021(26) and Resolution MSC.302(87) shall be considered, as applicable, for all the navigation equipment — They refer to ‘Code on alerts and indicators, 2009’, and to ‘Adoption of performance standards for bridge alert management’ respectively.
2. IEC 61162 series refer to the following reference standards for Maritime navigation and radio-communication equipment and systems — Digital interfaces:
  - IEC 61162- 1 (2016) - Part 1: Single talker and multiple listeners
  - IEC 61162- 2 ed1.0 (1998- 09) - Part 2: Single talker and multiple listeners, high- speed transmission
  - IEC 61162- 3 ed1.2 Consol. with am1 ed. 1.0 (2010- 11) and am2 ed. 1.0 (2014- 07) — Part 3: Serial data instrument network
  - IEC 61162- 3 ed1.0 (2008- 05) - Part 3: Serial data instrument network
  - IEC 61162- 3- am1 ed1.0 (2010- 06) Amendment 1 — Part 3: Serial data instrument network

— IEC 61162- 3- am2 ed1.0 (2014- 07) Amendment 2 — Part 3: Serial data instrument network

— IEC 61162- 450 ed1.0 (2011- 06) with am1 (2016)- Part 450: Multiple talkers and multiple listeners — Ethernet interconnection

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Magnetic compass Class A for ships	<ul style="list-style-type: none"> <li>— IMO Res. A.382(X)</li> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.302(87)</li> <li>— ISO 1069 (1973)</li> <li>— ISO 25862 (2009)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> </ul>	MED/4.1	<ul style="list-style-type: none"> <li>— USCG 165.101</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Transmitting heading device THD (magnetic method)	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.116(73)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> <li>— ISO 22090- 2 (2014)</li> </ul>	MED/4.2	<ul style="list-style-type: none"> <li>— USCG 165.102</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul> <p>Note: The use of ISO 11606:2000/Cor 1:2005 is required for Acceptance for USCG Approval under the MRA</p>
Gyro compass	<ul style="list-style-type: none"> <li>— IMO Res. A.424(XI)</li> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ISO 8728:2014</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07).</li> </ul>	MED/4.3	<ul style="list-style-type: none"> <li>— USCG 165.103</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Echo — sounding equipment	<ul style="list-style-type: none"> <li>— IMO Res. A.224(VII)</li> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.74(69) Annex 4</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ISO 9875 (2000)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.6	<ul style="list-style-type: none"> <li>— USCG 165.107</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Speed and distance measuring equipment (SDME)	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. A.824(19)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.302(87)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61023 (2007)</li> <li>— IEC 61162 series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.7	<ul style="list-style-type: none"> <li>— USCG 165.105</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Rate- of- turn- indicator	<ul style="list-style-type: none"> <li>— IMO Res. A.526(13)</li> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> </ul>	MED/4.9	<ul style="list-style-type: none"> <li>— USCG 165.106</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
	<ul style="list-style-type: none"> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 series</li> <li>— ISO 20672 (2007) including Corr. 1 (2008)</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>		
Loran- C equipment	Equipment removed from MRA as it has been also removed from MED		
Chayka equipment	Equipment removed from MRA as it has been also removed from MED		
GPS equipment	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.112(73)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61108- 1 Ed.2.0 (2003)</li> <li>— IEC 61162 series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.14	<ul style="list-style-type: none"> <li>— USCG 165.130</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
GLONASS equipment	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.113(73)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61108- 2 (1998)</li> <li>— IEC 61162 series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.15	<ul style="list-style-type: none"> <li>— USCG 165.131</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Heading control system (HCS)	<ul style="list-style-type: none"> <li>— IMO Res. A.342(IX)</li> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.64(67) Annex 3</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 series,</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> <li>— ISO 11674 (2006)</li> </ul>	MED/4.16	<ul style="list-style-type: none"> <li>— USCG 165.110</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Rudder Angle Indicator (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed 2.0(2014- 07)</li> <li>— ISO 20673:2007</li> </ul>	MED/4.20	<ul style="list-style-type: none"> <li>— USCG 165.167</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Propeller revolution indicator (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed 2.0(2014- 07)</li> <li>— ISO 22554:2015</li> </ul>	MED/4.21	<ul style="list-style-type: none"> <li>— USCG 165.168</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Pitch Indicator (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed 2.0(2014- 07)</li> <li>— ISO 22555:2007</li> </ul>	MED/4.22	<ul style="list-style-type: none"> <li>— USCG 165.169</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Radar equipment CAT 1 (Radar equipment used with ARPA must have separate EU and USA certifications)	<ul style="list-style-type: none"> <li>— IMO Res. A.278(VIII)</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res. MSC.192(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ITU- R M. 1177- 4(04/11)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> <li>— IEC 62388 Ed. 2.0 (2013- 06)</li> </ul>	MED/4.34	<ul style="list-style-type: none"> <li>— USCG 165.115</li> <li>— NVIC 8- 01, CHANGE 3</li> <li>— 47 CFR 80</li> <li>— 47 CFR 02.100 Subpart B</li> </ul> <p>Note: USCG 165.120 has been changed to 165.115 to reflect changes required by MSC.192(79). Certificates previously issued remain valid for existing equipment.</p>
Radar equipment CAT 2 (Radar equipment used with ATA must have separate EU and USA certifications)	<ul style="list-style-type: none"> <li>— IMO Res. A.278(VIII)</li> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res. MSC.192(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ITU- R M. 1177- 4(04/11)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> </ul>	MED/4.35	<ul style="list-style-type: none"> <li>— USCG 165.116</li> <li>— NVIC 8- 01, CHANGE 3</li> <li>— 47 CFR 80</li> <li>— 47 CFR 02.100 Subpart B</li> </ul> <p>Note: USCG 165.111 has been changed to 165.116 to reflect changes required by MSC.192(79). Certificates previously issued remain valid for existing equipment.</p>



Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
	<ul style="list-style-type: none"> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> <li>— IEC 62388 Ed. 2.0 (2013- 06)</li> </ul>		
Radar equipment CAT 3 (Radar equipment used with EPA must have separate EU and USA certifications)	<ul style="list-style-type: none"> <li>— IMO Res. A.278(VIII)</li> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res. MSC.192(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ITU- R M. 1177- 4(04/11)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> <li>— IEC 62388 Ed. 2.0 (2013- 06)</li> </ul>	MED/4.36	<ul style="list-style-type: none"> <li>— USCG 165.117</li> <li>— NVIC 8- 01, CHANGE 3</li> <li>— 47 CFR 80</li> <li>— 47 CFR 02.100 Subpart B</li> </ul> Note: USCG 165.121 has been changed to 165.117 to reflect changes required by MSC.192(79). Certificates previously issued remain valid for existing equipment.
Integrated bridge system	Equipment removed from MRA as it has been also removed from MED		
Voyage data recorder (VDR)	<ul style="list-style-type: none"> <li>— IMO Res. A.694 (17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IMO Res. MSC.333(90)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 61996- 1 Ed.2.0 (2013- 05) incl. IEC 61996- 1 Corr.1 (2014)</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.29	<ul style="list-style-type: none"> <li>— USCG 165.150</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS) (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.232(82)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IMO MSC.1/Circ.1503. Rev.1</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 61174 Ed. 4.0 (2015)</li> <li>— IEC 62288 Ed. 2.0 (2014)</li> </ul> <p>[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]</p>	MED/4.30	<ul style="list-style-type: none"> <li>— USCG 165.123</li> <li>— USCG 165.124</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Gyro compass for high- speed craft	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. A.821(19)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ISO 16328 (2014)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.31	<ul style="list-style-type: none"> <li>— USCG 165.203</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Universal automatic identification system equipment (AIS)	<ul style="list-style-type: none"> <li>— IMO Res. A.694 (17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.74(69)</li> </ul>	MED/4.32	<ul style="list-style-type: none"> <li>— USCG 165.155</li> <li>— NVIC 8- 01, CHANGE 3</li> <li>— ITU- R M. 1371- 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
	<ul style="list-style-type: none"> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.191(79)</li> <li>— ITU- R M. 1371- 5(2014)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 61993- 2 (2012)</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>		
Track control system (working at ship's speed from minimum manoeuvring speed up to 30 knots)	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.74(69)</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62065 Ed.2.0 (2014- 02)</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.33	<ul style="list-style-type: none"> <li>— USCG 165.112</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Radar equipment for high speed craft applications (CAT 1H and CAT 2H) (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.278(VIII)</li> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.192(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— MSC.1/Circ.1349</li> <li>— ITU- R M.1177- 4 (04/11)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed.2.0(2014- 07)</li> <li>— IEC 62388 Ed. 2.0 (2013- 06)</li> </ul>	MED/4.37	<ul style="list-style-type: none"> <li>— USCG 165.216</li> <li>— USCG 165.217</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Radar reflector passive type	<ul style="list-style-type: none"> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.164(78)</li> <li>— ISO 8729- 1 (2010)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> </ul>	MED/4.39	<ul style="list-style-type: none"> <li>— USCG 165.160</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Heading control system for high speed craft (New item)	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. A.822(19),</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— MSC.1/Circ.1349</li> <li>— ISO 16329 (2003)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)</li> <li>— IEC 61162 series</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.40	<ul style="list-style-type: none"> <li>— USCG 165.210</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Transmitting heading device THD (GNSS method) (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.116(73)</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ISO 22090- 3:2014</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed.2.0(2014- 07)</li> </ul>	MED/4.41	<ul style="list-style-type: none"> <li>— USCG 165.102</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
Searchlight for high speed craft (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— ISO 17884:2004</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> </ul>	MED/4.42	<ul style="list-style-type: none"> <li>— USCG 165.252</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>
Night vision equipment for high speed craft (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res. MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res. MSC.94(72)</li> <li>— IMO Res. MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res. MSC.191(79)</li> <li>— ISO 16273 (2003)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>	MED/4.43	<ul style="list-style-type: none"> <li>— USCG 165.251</li> <li>— NVIC 8- 01, CHANGE 3</li> <li>— ISO 60447</li> <li>— ISO/IEC 9126</li> </ul>
Transmitting heading device THD (Gyroscopic method) (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.116(73)</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— ISO 22090- 1:2014</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed.2.0(2014- 07)</li> </ul>	MED/4.46	<ul style="list-style-type: none"> <li>— USCG 165.102</li> </ul>
Simplified voyage data recorder (S-VDR) (New item)	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17)</li> <li>— IMO Res. MSC.163(78)</li> <li>— IMO Res. MSC.191(79)</li> </ul>	MED/4.47	<ul style="list-style-type: none"> <li>— USCG 165.151</li> <li>— NVIC 8- 01, CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
	<ul style="list-style-type: none"> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 61996- 2 (2007)</li> <li>— IEC 62288 Ed. 2.0 (2014- 07)</li> </ul>		
DGPS Equipment (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.112(73)</li> <li>— IMO Res.MSC.114(73)</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61108- 1 (2003)</li> <li>— IEC 61108- 4 (2004)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed.2.0(2014- 07)</li> </ul>	MED/4.50	<ul style="list-style-type: none"> <li>— USCG 165.132</li> <li>— NVIC 08- 01 CHANGE 3</li> </ul>
DGLONASS Equipment (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code) 13</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code) 13</li> <li>— IMO Res.MSC.113(73)</li> <li>— IMO Res.MSC.114(73)</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61108- 2 Ed.1.0 (1998)</li> <li>— IEC 61108- 4 (2004)</li> </ul>	MED/4.51	<ul style="list-style-type: none"> <li>— USCG 165.133</li> <li>— NVIC 08- 01 CHANGE 3</li> </ul>

Product item identification	Applicable international instruments for construction, performance and testing requirements	EU technical regulations, item number in accordance with Directive 2014/90/EU	US technical regulations and approval guidance
	<ul style="list-style-type: none"> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed.2.0(2014- 07)</li> </ul>		
Daylight signalling lamp (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code)</li> <li>— IMO Res.MSC.95(72)</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— ISO 25861:2007</li> </ul>	MED/4.52	<ul style="list-style-type: none"> <li>— USCG 165.166</li> <li>— NVIC 08- 01 CHANGE 3</li> </ul>
Bridge Navigational Watch Alarm System (BNWAS) (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.128(75)</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— MSC.1/Circ.1474</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed.2.0(2014- 07)</li> <li>— IEC 62616(2010) incl. IEC 62616 Corr. 1 (2012)</li> </ul>	MED/4.57	<ul style="list-style-type: none"> <li>— USCG 165.142</li> <li>— NVIC 08- 01, CHANGE 3</li> </ul>
Sound reception system (New item)	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17)</li> <li>— IMO Res.MSC.36(63)- (1994 HSC Code)</li> <li>— IMO Res.MSC.86(70)</li> <li>— IMO Res.MSC.97(73)- (2000 HSC Code)</li> <li>— IMO Res.MSC.191(79)</li> <li>— IMO Res.MSC.302(87)</li> <li>— IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)</li> <li>— IEC 61162 Series</li> <li>— IEC 62288 Ed.2.0(2014- 07)</li> <li>— ISO 14859:2012</li> </ul>	MED/4.58	<ul style="list-style-type: none"> <li>— USCG 165.165</li> <li>— NVIC 8- 01 CHANGE 3</li> </ul>

## ANNEX III

## REGULATORY AUTHORITIES

## — EUROPEAN UNION

Belgium	SPF Mobilité (FPS Mobility) Rue du Progrès 56 1210 Bruxelles  FOD Mobiliteit (FPS Mobility) Vooruitgangstraat 1210 Brussel
Bulgaria	Министерство на транспорта, информационните технологии и съобщенията ул. 'Дякон Игнатий' № 9 София 1000,  Ministry of Transport, Information Technology and Communications 9, Dyakon Ignatiy str. Sofia 1000
Czechia	Ministerstvo dopravy (Ministry of Transport) P.O. Box 9 Nábřeží Ludvíka Svobody 12 110 15 Praha 1
Denmark	Transport-, Bygnings- og Boligministeriet (Ministry of Transport, Building and Housing) Frederiksholms Kanal 27 F 1220 København K
Germany	Bundesministerium für Verkehr und digitale Infrastruktur (Ministry of Transport and Digital Infrastructure) Invalidenstr. 44, 10115 Berlin
Estonia	Majandus- ja Kommunikat- siooniministeerium (Ministry of Economic Affairs and Infrastructure) Suur- Ameerika 1 10122 Tallinn
Ireland	Department of Transport, Tourism and Sport Leeson Lane Dublin D02 TR60  An Roinn Iompair, Turasóireachta agus Spóirt Lána Liosáin, Baile Átha Cliath 2 D02 TR60
Greece	Υπουργείο Ναυτιλίας & Νησιωτικής Πολιτικής Ακτή Βασιλειάδη, Πύλη Ε 1 - Ε 2, Τ.Κ. 185 10, Πειραιάς  Ministry of Shipping and Island Policy Akti Vassiliadi, Gates E1- E2 18510 Piraeus
Spain	Ministerio de Fomento (Ministry of Public Works) Paseo de la Castellana, 67 28071 Madrid



France	Ministère de la transition écologique et solidaire 246, Boulevard St. Germain 75007 Paris
Croatia	Ministarstvo mora, prometa i infrastrukture (Ministry of the Sea, Transport and Infrastructure) Prisavlje 14, 10 000 Zagreb
Italy	Ministero delle Infrastrutture e dei Trasporti (Ministry for Infrastructure and Transport) Piazzale di Porta Pia 1 00198 Roma
Cyprus	Υπουργείο Μεταφορών, Επικοινωνιών και Έργων Αχαιών 28, 1424 Λευκωσία Ministry of Transport, Communications and Works Axaion 28 1424 Nicosia
Latvia	Satiksmes ministrija (Ministry for Transport and Communications) Gogola iela 3, Riga 1743
Lithuania	Susisiekimo ministerija (Ministry of Transport and Communications) Gedimino av. 17 01505 Vilnius
Luxembourg	Ministère du Développement durable et des Infrastructures 4, Place de l'Europe 1499 Luxembourg
Hungary	Nemzeti Fejlesztési Minisztérium (Ministry of National Development) Fő u. 44- 50. 1011 Budapest
Malta	Ministeru għat- Trasport, Infrastruttura u Proġetti Kapitali/Ministry for Transport, Infrastructure and Capital Projects Triq Francesco Buonamici Floriana FRN1700
Netherlands	Ministerie van Infrastructuur en Waterstaat (Ministry of Infrastructure and Water Management) Rijnstraat 8, 2515 XP 's-Gravenhage Postbus 20901 2500 EX's-Gravenhage
Austria	Bundesministerium für Verkehr, Innovation und Technologie (Ministry for Transport, Innovation and Technology) Radetzkystraße 2 1030 Wien
Poland	Ministerstwo Gospodarki Morskiej i Żeglugi Śródlądowej (Ministry of Maritime Economy and Inland Navigation) ul. Nowy Świat 6/12 00-400 Warszawa
Portugal	Ministério do Mar (Ministry of the Sea) Praça do Comércio 1149- 010 Lisboa

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Romania	Ministerul Transporturilor (Ministry of Transport) 38, Blvd. Dinicu Golescu Sector 1 – București
Slovenia	Ministrstvo za infrastrukturo (Ministry of Infrastructure) Langusova 4 SI –1535 Ljubjana
Slovakia	Ministerstvo dopravy a výstavby (Ministry of Transport and Construction) Namestie slobody 6 810 05 Bratislava
Finland	Liikenne- ja viestintäministeriö (Ministry of Transport and Communications) Eteläesplanadi 16, Helsinki P.O. Box 31 00023 Government  Kommunikationsministeriet (Ministry of Transport and Communications) Södra esplanaden 16, Helsingfors PB 31, 00023 Statsrådet
Sweden	Näringsdepartementet (Ministry of Enterprise and Innovation) Mäster Samuelsgatan 70, Stockholm 103 33 Stockholm
United Kingdom	Department for Transport Great Minster House 33 Horseferry Road London SW1P 4DR
European Commission	Directorate-General Mobility and Transport (DG MOVE) Maritime Safety Unit 200, rue de la Loi 1049 Brussels, Belgium

— UNITED STATES OF AMERICA

United States Coast Guard  
Office of Design and Engineering Standards (CG- ENG)  
2703 Martin Luther King Jr Ave SE  
STOP 7509  
Washington DC 20593-7509

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