

## ANNEX

*General note:* references to ‘SOLAS’ Regulations refer to the provisions of the International Convention for the Safety of Life at Sea, 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.

EN, European Standard.

ETSI, European Telecommunication Standardisation Institute.

FSS, International Code for Fire Safety Systems.

FTP, International Code for Application of Fire Test Procedures.

HSC, High Speed Craft Code.

IBC, International Bulk Chemical Code.

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.

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.

NO<sub>x</sub>, Nitrogen Oxides.

O<sub>2</sub>/HC systems: Oxygen Hydro Carbon systems.

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

SO<sub>x</sub>, Sulphur Oxides.

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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Reg., Regulation.

Res., Resolution.

**Notes applicable to the whole of 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 in 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; thus testing to 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 (as indicated in brackets behind 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 this takes place within 30 months before the first installation of the equipment in its functional position. |
- (d) Where there are two rows for one marine equipment entry (e.g. MED/3.12), the second (lower) row contains the updated requirements of the international instruments in respect to the ones shown in the first (upper) row.
- (e) In the situations referred to in point (d) where no date is given in columns 5 and 6, this indicates that there has been no change in the testing standards and that the marine equipment item concerned shall comply with the requirements indicated in the (second) lower row.
- (f) Where there are more than two rows for one marine equipment entry (such as MED/3.51a), the lowest row contains the updated requirements of the international instruments in respect to the ones shown in the upper rows.

1. **Life-saving appliances**

Column 2: IMO MSC/Circular 980 shall apply except when superseded by the specific instruments referred to in Column 2.

| Number and item designation | Regulations of SOLAS 74, as amended, and the relevant resolutions and | Testing standards | Modules for conformity assessment | First placing on the market | Last placing on board |
|-----------------------------|---|-------------------|-----------------------------------|-----------------------------|-----------------------|
|-----------------------------|---|-------------------|-----------------------------------|-----------------------------|-----------------------|

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

| 1                                  | circulars of the IMO, as applicable  | 3 | 4  | 5 | 6 |
|------------------------------------|--|---|--|---|---|
| MED/1.1<br>Lifebuoys<br>Row 1 of 1 | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. III/4,</p> <p>— SOLAS 74 Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. III/7,</p> <p>— SOLAS 74 Reg. III/34,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</p> <p>— IMO Res.MSC.48(66)-(LSA Code) I,</p> <p>— IMO Res.MSC.48(66)-(LSA Code) II,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</p> | — | IMO B+D Res. B+E MSC.81(70), as amended. |   |   |

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|   |   |   |  |           |                   |
|---|---|---|--|-----------|-------------------|
| MED/1.2a<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for survival<br>craft and<br>rescue boats.<br>Row 1 of 3 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.  | — | IMO B+D<br>Res. B+E<br>MSC.81(70),<br>as<br>amended.   |           | 13.9.2022<br>(II) |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>II,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>IV,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. | — |  |           |                   |
| MED/1.2a<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for survival<br>craft and<br>rescue boats.<br>Row 2 of 3 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.  | — | IMO B+D<br>Res. B+E<br>MSC.81(70),<br>as<br>B+F<br>amended,<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008. | 13.9.2019 | 12.8.2023<br>(II) |

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|   |   |     |   |           |  |
|---|---|-----|---|-----------|--|
|   | Carriage and performance requirements   | Or: | IMO Res.MSC.81(70), as amended, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.        |           |  |
|   | — 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/1.2a Position-indicating lights for life-saving appliances: for survival craft and rescue boats. Row 3 of 3 (NEW ROW) | Type approval requirements              | —   | IMO B+D Res.MSC.81(70), as B+F amended, EN 60945:2002 incl. IEC 60945 Corr. 1:2008, | 12.8.2020 |  |
|   | — SOLAS 74 Reg. III/4,                  | —   |   |           |  |
|   | — SOLAS 74 Reg. X/3.                    | —   |   |           |  |
|   | Carriage and performance requirements   | Or: | ISO 24408:2005.   |           |  |
|   | — SOLAS 74 Reg. III/34,                 | —   |   |           |  |
|   | — IMO Res.MSC.36(63) (1994 HSC          | —   | IMO Res.MSC.81(70), as amended, IEC 60945:2002 incl. IEC                            |           |  |

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|   |   |  |  |  |                   |
|---|---|--|--|--|-------------------|
|   |   | Code)  | 60945  |  |                   |
|   | —   | 8,<br>IMO<br>Res.MSC.48(66)<br>(LSA<br>Code)           | Corr.<br>1:2008,<br>ISO<br>24408:<br>2005            |  |                   |
|   | —   | I,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)          |  |  |                   |
|   | —   | IV,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code) |  |  |                   |
| MED/1.2b<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for lifebuoys.<br>Row 1 of 3 | Type<br>approval<br>requirements            | —  | IMO B+D<br>Res. B+E<br>MSC.81(70),<br>as<br>amended. |  | 13.9.2022<br>(II) |
|   | —   | SOLAS<br>74<br>Reg.<br>III/4,                          |  |  |                   |
|   | —   | SOLAS<br>74<br>Reg.<br>X/3.                            |  |  |                   |
|   | Carriage and<br>performance<br>requirements |  |  |  |                   |
|   | —   | SOLAS<br>74<br>Reg.<br>III/7,                          |  |  |                   |
|   | —   | SOLAS<br>74<br>Reg.<br>III/22,                         |  |  |                   |
|   | —   | SOLAS<br>74<br>Reg.<br>III/32,                         |  |  |                   |
|   | —   | SOLAS<br>74<br>Reg.<br>III/34,                         |  |  |                   |
|   | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC                 |  |  |                   |

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|   |  |  |   |           |                   |
|---|--|--|---|-----------|-------------------|
|   | Code)<br>8,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>II,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8.  |  |   |           |                   |
| MED/1.2b<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for lifebuoys.<br>Row 2 of 3 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>— Reg.<br>III/4,<br>— SOLAS<br>74<br>— Reg.<br>X/3.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>— Reg.<br>III/7,<br>— SOLAS<br>74<br>— Reg.<br>III/22,<br>— SOLAS<br>74<br>— Reg.<br>III/32,<br>— SOLAS<br>74<br>— Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC | —<br>IMO B+D<br>Res.MSC.81(70),<br>as B+F<br>amended,<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008.<br><br>Or:<br>—<br>IMO<br>Res.MSC.81(70),<br>as<br>amended,<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008. | B+D<br>Res.MSC.81(70),<br>as B+F<br>amended,<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008. | 13.9.2019 | 12.8.2023<br>(II) |

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|  |  |   |   |           |  |
|--|--|---|---|-----------|--|
|  |  | Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>II,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |   |           |  |
| MED/1.2b<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for lifebuoys.<br>Row 3 of 3<br>(NEW ROW) | Type<br>approval<br>requirements<br>— SOLAS<br>74 —<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3. —<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74 —<br>Reg.<br>III/7,<br>— SOLAS<br>74 —<br>Reg.<br>III/22,<br>— SOLAS<br>74<br>Reg.<br>III/32,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC | —<br>—<br>—<br>—<br>—<br>Or:<br>—<br>—<br>—<br>—<br>—<br>—<br>—<br>—<br>—<br>—  | IMO B+D<br>Res.MSC.81(70),<br>as B+F<br>amended,<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ISO<br>24408:<br>2005.<br>IMO<br>Res.MSC.81(70),<br>as<br>amended,<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ISO<br>24408:<br>2005.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ISO<br>24408:<br>2005. | 12.8.2020 |  |



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|  |  |   |                                      |                     |                   |
|--|--|---|--------------------------------------|---------------------|-------------------|
|  |  | Code)<br>8,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>II,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |                                      |                     |                   |
| MED/1.2c<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for<br>lifejackets.<br>Row 1 of 3 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/7,<br>— SOLAS<br>74<br>Reg.<br>III/22,<br>— SOLAS<br>74<br>Reg.<br>III/26,<br>— SOLAS<br>74<br>Reg.<br>III/32,<br>— SOLAS<br>74<br>Reg.<br>III/34, | —   | IMO<br>Res.<br>MSC<br>as<br>amended. | B+D<br>B+E<br>B+F), | 13.9.2022<br>(II) |

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|  |                                       |                                       |       |  |           |                |
|--|---------------------------------------|---------------------------------------|-------|--|-----------|----------------|
|  | —                                     | 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/1.2c<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for<br>lifejackets.<br>Row 2 of 3 | Type approval requirements            | — SOLAS 74 Reg. III/4,                | —     | IMO B+D Res. B+E MSC.81(70), as amended, EN 60945:2002 incl. IEC 60945 Corr. 1:2008. | 13.9.2019 | 12.8.2023 (II) |
|  | Carriage and performance requirements | — SOLAS 74 Reg. III/7,                | Or: — | IMO Res.MSC.81(70), as amended, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.         |           |                |
|  |                                       | — SOLAS 74 Reg. III/22,               |       |  |           |                |
|  |                                       | — SOLAS 74 Reg. III/26,               |       |  |           |                |
|  |                                       | — SOLAS 74 Reg. III/32,               |       |  |           |                |

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|   |   |   |   |            |           |
|---|---|---|---|------------|-----------|
|   | —   | SOLAS<br>74<br>Reg.<br>III/34,                        |   |            |           |
|   | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8, |   |            |           |
|   | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,         |   |            |           |
|   | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>II,        |   |            |           |
|   | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |   |            |           |
| MED/1.2c<br>Position-<br>indicating<br>lights for<br>life-saving<br>appliances:<br>for<br>lifejackets.<br>Row 3 of 3<br>(NEW ROW) | Type<br>approval<br>requirements            | —   | IMO<br>Res.<br>MSC.<br>81(70),<br>as<br>amended,<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ISO<br>24408:<br>2005. | B+D<br>B+E | 12.8.2020 |
|   | —   | SOLAS<br>74<br>Reg.<br>III/4,                         |   |            |           |
|   | —   | SOLAS<br>74<br>Reg.<br>X/3.                           |   |            |           |
|   | Carriage and<br>performance<br>requirements | —   |   |            |           |
|   | —   | SOLAS<br>74<br>Reg.<br>III/7,                         | Or:<br>IMO<br>Res.MSC.81(70),<br>as<br>amended,<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945   |            |           |
|   | —   | SOLAS<br>74<br>Reg.<br>III/22,                        |   |            |           |
|   | —   | SOLAS<br>74<br>Reg.<br>III/26,                        |   |            |           |

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|  |  |  |  |  |                   |
|--|--|--|--|--|-------------------|
|  | —  | SOLAS<br>74<br>Reg. —<br>III/32,   | Corr.<br>1:2008,<br>ISO<br>24408:<br>2005.           |  |                   |
|  | —  | SOLAS<br>74<br>Reg.<br>III/34,   |  |  |                   |
|  | —  | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,  |  |  |                   |
|  | —  | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,  |  |  |                   |
|  | —  | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>II,   |  |  |                   |
|  | —  | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8.  |  |  |                   |
| MED/1.3<br>Lifebuoys<br>self-activating<br>smoke signals<br>Row 1 of 2 | Type<br>approval<br>requirements<br>—<br>—<br>—<br>Carriage and<br>performance<br>requirements<br>—<br>— | —<br>SOLAS<br>74<br>Reg.<br>III/4,<br>SOLAS<br>74<br>Reg.<br>X/3.<br>SOLAS<br>74<br>Reg.<br>III/7,<br>SOLAS<br>74<br>Reg.<br>III/34, | IMO B+D<br>Res. B+E<br>MSC.81(70),<br>as<br>amended. |  | 12.8.2023<br>(II) |

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|   |  |                                       |   |            |           |
|---|--|---------------------------------------|---|------------|-----------|
|   | —  | 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/1.3<br>Lifebuoys<br>self-activating<br>smoke signals<br>Row 2 of 2<br>(NEW ROW) | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/7,<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,<br>— IMO Res.MSC.48(66)- | —                                     | IMO Res. MSC.81(70), as amended, ISO 15736: 2006. | B+D<br>B+E | 12.8.2020 |

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|--------------------------------------|--|--|---------------------------------|---------------------|--|
|                                      |  | (LSA Code)<br>I,<br>IMO Res.MSC.48(66)-<br>(LSA Code)<br>II,<br>IMO Res.MSC.97(73)-<br>(2000 HSC Code)<br>8. |                                 |                     |  |
| MED/1.4<br>Lifejackets<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/7,<br>— SOLAS 74 Reg. III/22,<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.36(63)-<br>(1994 HSC Code)<br>8,<br>— IMO Res.MSC.48(66)-<br>(LSA Code)<br>I, | —  | IMO Res. MSC.48(66) as amended. | B+D<br>B+E<br>B+F), |  |

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|   |   |                                    |                                  |                    |  |
|---|---|------------------------------------|----------------------------------|--------------------|--|
|   | —   | IMO Res.MSC.48(66)-(LSA Code)      |                                  |                    |  |
|   | —   | IMO Res.MSC.97(73)-(2000 HSC Code) |                                  |                    |  |
|   | —   | IMO MSC/Circ.922,                  |                                  |                    |  |
|   | —   | IMO MSC.1/Circ.1304,               |                                  |                    |  |
|   | —   | IMO MSC.1/Circ.1470.               |                                  |                    |  |
| MED/1.5a<br>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: immersion suit without inherent insulation.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/7,<br>— SOLAS 74 Reg. III/22,<br>— SOLAS 74 Reg. III/32,<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.36(63)- | —                                  | IMO Res. MSC.81(70), as amended. | B+D<br>B+E<br>B+F) |  |

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|  |   |  |                                  |                     |  |
|--|---|--|----------------------------------|---------------------|--|
|  |   | (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/1.5b<br>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: immersion suit with inherent insulation.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/7,<br>— SOLAS 74 Reg. III/22,<br>— SOLAS 74 Reg. III/32, | —  | IMO Res. MSC.81(70), as amended. | B+D<br>B+E<br>B+F), |  |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|  | —  | 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<br>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: anti-exposure suits.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/7,<br>— SOLAS 74 Reg. III/22,<br>— SOLAS 74 | —   | IMO Res. MSC.81(70), as amended. | B+D<br>B+E<br>B+F) |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   | —  | 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<br>Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: immersion suit without inherent insulation.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74<br>Reg. III/4, SOLAS 74<br>Reg. X/3.<br>Carriage and performance requirements<br>— SOLAS 74<br>Reg. III/7, SOLAS 74 | —   | IMO Res. MSC.81(70), as amended. | B+D<br>B+E<br>B+F) |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | —   | 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/1.6b<br>Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: immersion suit with inherent insulation.<br>Row 1 of 1 | Type approval requirements<br>—<br>—<br>—<br>Carriage and performance requirements<br>— | SOLAS 74<br>Reg. III/4, SOLAS 74<br>Reg. X/3.<br>SOLAS 74 | — | IMO Res. MSC.81(70), as amended. | B+D<br>B+E<br>B+F) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | —                                    | 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/1.6c<br>Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: anti-exposure suits.<br>Row 1 of 1 | Type approval requirements<br>—<br>— | SOLAS 74<br>Reg. III/4,<br>SOLAS 74<br>Reg. X/3.   | — | IMO Res. MSC.81(70), as amended. |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                       |   |                                       |            |  |
|--|---------------------------------------|---|---------------------------------------|------------|--|
|  | 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/1.7<br>Thermal protective aids<br>Row 1 of 1 | Type approval requirements            | — | IMO Res. MSC.81(70), as amended.      | B+D<br>B+E |  |
|  |                                       | — | SOLAS 74 Reg. III/4,                  |            |  |

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|--|----------------------------------|---|--|------------|-------------------|
|  | —                                | SOLAS<br>74<br>Reg.<br>X/3.                           |  |            |                   |
|  |                                  | Carriage and<br>performance<br>requirements           |  |            |                   |
|  | —                                | SOLAS<br>74<br>Reg.<br>III/22,                        |  |            |                   |
|  | —                                | SOLAS<br>74<br>Reg.<br>III/32,                        |  |            |                   |
|  | —                                | SOLAS<br>74<br>Reg.<br>III/34,                        |  |            |                   |
|  | —                                | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8, |  |            |                   |
|  | —                                | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,         |  |            |                   |
|  | —                                | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>II,        |  |            |                   |
|  | —                                | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8, |  |            |                   |
|  | —                                | IMO<br>MSC/<br>Circ.1046.                             |  |            |                   |
| MED/1.8<br>Rocket<br>parachute<br>flares<br>(pyrotechnics)<br>Row 1 of 2 | Type<br>approval<br>requirements | —   | IMO<br>Res.<br>MSC.81(70),<br>as<br>amended. | B+D<br>B+E | 12.8.2023<br>(II) |
|  | —                                | SOLAS<br>74<br>Reg.<br>III/4,                         |  |            |                   |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |   |               |           |
|---|--|---|---|---------------|-----------|
|   | — SOLAS 74 Reg. X/3.   |   |   |               |           |
|   | 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.                                |   |   |               |           |
| MED/1.8 Rocket parachute flares (pyrotechnics) Row 2 of 2 (NEW ROW) | 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                                  |   |   |               |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|---|---|--|------------|-------------------|
|  | —   | SOLAS<br>74<br>Reg.<br>III/6,                         |  |            |                   |
|  | —   | SOLAS<br>74<br>Reg.<br>III/34,                        |  |            |                   |
|  | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8, |  |            |                   |
|  | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,         |  |            |                   |
|  | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>III,       |  |            |                   |
|  | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |  |            |                   |
| MED/1.9<br>Hand flares<br>(pyrotechnics)<br>Row 1 of 2 | Type<br>approval<br>requirements            | —   | IMO<br>Res.<br>MSC.81(70),<br>as<br>amended. | B+D<br>B+E | 12.8.2023<br>(II) |
|  | —   | SOLAS<br>74<br>Reg.<br>III/4,                         |  |            |                   |
|  | —   | SOLAS<br>74<br>Reg.<br>X/3.                           |  |            |                   |
|  | Carriage and<br>performance<br>requirements | —   |  |            |                   |
|  | —   | SOLAS<br>74<br>Reg.<br>III/34,                        |  |            |                   |
|  | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC                |  |            |                   |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|--|--|--|-----------------------|-----------|
|   |  | Code)<br>8,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>III,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |  |                       |           |
| MED/1.9<br>Hand flares<br>(pyrotechnics)<br>Row 2 of 2<br>(NEW ROW) | Type<br>approval<br>requirements<br>— SOLAS<br>74 —<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.   | —  | IMO<br>Res.<br>MSC.81(70),as<br>amended,<br>ISO<br>15736:<br>2006. | B+D<br>B+E<br>B+F),as | 12.8.2020 |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>III, |  |  |                       |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|--|---------------------------------------|--|-----------------------------------|-------------------|
|   | —  | IMO Res.MSC.97(73)-(2000 HSC Code) 8. |  |                                   |                   |
| MED/1.10<br>Buoyant<br>smoke signals<br>(pyrotechnics)<br>Row 1 of 2              | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.48(66)-(LSA Code) I,<br>— IMO Res.MSC.48(66)-(LSA Code) III. | —                                     | IMO Res. MSC.81(70), as amended.                     | B+D<br>B+E<br><del>B+(70)</del> , | 12.8.2023<br>(II) |
| MED/1.10<br>Buoyant<br>smoke signals<br>(pyrotechnics)<br>Row 2 of 2<br>(NEW ROW) | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74  | —                                     | IMO Res. MSC.81(70), as amended,<br>ISO 15736: 2006. | B+D<br>B+E<br><del>B+(70)</del> , | 12.8.2020         |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|--|---------------------------------|------------------------------------|-------------------|
|  | —  | Reg. III/34, IMO Res.MSC.48(66)-(LSA Code) |                                 |                                    |                   |
|  | —  | I, IMO Res.MSC.48(66)-(LSA Code) III.      |                                 |                                    |                   |
| MED/1.11<br>Line-throwing appliances<br>Row 1 of 2 | Type approval requirements<br>— SOLAS 74<br>— Reg. III/4, SOLAS 74<br>— Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74<br>— Reg. III/18, SOLAS 74<br>— Reg. III/34, IMO Res.MSC.36(63)-(1994 HSC Code) 8,<br>— IMO Res.MSC.48(66)-(LSA Code)<br>— I, IMO Res.MSC.48(66)-(LSA Code)<br>— VII, IMO Res.MSC.97(73)- | —  | IMO Res. MSC.48(66) as amended. | B+D<br>B+E<br><del>B+F</del> (70), | 12.8.2023<br>(II) |

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|  | (2000<br>HSC<br>Code)<br>8.   |   |  |  |           |
|--|---|---|--|--|-----------|
| MED/1.11<br>Line-<br>throwing<br>appliances<br>Row 2 of 2<br>(NEW ROW) | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg. —<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.  | — | IMO B+D<br>Res. B+E<br>MSC.81(70),<br>as<br>amended,<br>ISO<br>15736:<br>2006. |  | 12.8.2020 |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/18,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>VII,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |   |  |  |           |
| MED/1.12<br>Inflatable<br>liferafts                                    | Type<br>approval<br>requirements  | — | IMO B+D<br>Res.MSC.81(70),<br>B+F  |  |           |

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|------------|---|---|--|--|--|
| Row 1 of 1 | — | SOLAS<br>74<br>Reg.<br>III/4,<br>extended             | as<br>amended.   |  |  |
|            | — | SOLAS<br>74<br>Reg.<br>X/3.                           | Service<br>intervals:<br>— IMO<br>MSC.1/<br>Circ.1328. |  |  |
|            |   | Carriage and<br>performance<br>requirements           |  |  |  |
|            | — | SOLAS<br>74<br>Reg.<br>III/13,                        |  |  |  |
|            | — | SOLAS<br>74<br>Reg.<br>III/21,                        |  |  |  |
|            | — | SOLAS<br>74<br>Reg.<br>III/26,                        |  |  |  |
|            | — | SOLAS<br>74<br>Reg.<br>III/31,                        |  |  |  |
|            | — | SOLAS<br>74<br>Reg.<br>III/34,                        |  |  |  |
|            | — | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8, |  |  |  |
|            | — | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,         |  |  |  |
|            | — | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>IV,        |  |  |  |
|            | — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC                |  |  |  |

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|   |   | Code)<br>8,<br>IMO<br>MSC/<br>Circ.811,<br>IMO<br>MSC.1/<br>Circ.1328. |                                  |                       |  |
| MED/1.13<br>Rigid liferafts<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/21,<br>— SOLAS 74 Reg. III/26,<br>— SOLAS 74 Reg. III/31,<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,<br>— IMO Res.MSC.48(66)-(LSA Code) I,<br>— IMO Res.MSC.48(66)-(LSA | —  | IMO Res. MSC.81(70), as amended, | B+D<br>B+E<br>B+(70), |  |

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

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|---|---|--|--|-----------------------------|--|
|   | —   | IMO<br>MSC/<br>Circ.809,   |  |                             |  |
|   | —   | IMO<br>MSC/<br>Circ.811,   |  |                             |  |
|   | —   | IMO<br>MSC.1/<br>Circ.1328.  |  |                             |  |
| MED/1.14b<br>Automatically<br>self-righting<br>liferafts:<br>rigid.<br>Row 1 of 1 | Type<br>approval<br>requirements            | —  | IMO<br>Res.<br>MSC.81(70),<br>as<br>amended. | B+D<br>B+E<br>B+F),         |  |
|   | —   | SOLAS<br>74<br>Reg.<br>III/4,<br>extended<br>Service<br>intervals: | And for<br>extended<br>Service<br>intervals: |                             |  |
|   | —   | SOLAS<br>74<br>Reg.<br>X/3.  | —  | IMO<br>MSC.1/<br>Circ.1328. |  |
|   | Carriage and<br>performance<br>requirements |  |  |                             |  |
|   | —   | SOLAS<br>74<br>Reg.<br>III/26,                                     |  |                             |  |
|   | —   | SOLAS<br>74<br>Reg.<br>III/34,                                     |  |                             |  |
|   | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,              |  |                             |  |
|   | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,                      |  |                             |  |
|   | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>IV,                     |  |                             |  |
|   | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC                             |  |                             |  |



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

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   |   | <p>HSC Code) 8, IMO MSC/Circ.809, IMO MSC/Circ.811, IMO MSC.1/Circ.1328.</p> |   |  |  |
| MED/1.16<br>Float-free arrangements for liferafts (hydrostatic release units)<br>Row 1 of 1 | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. III/4,</p> <p>— SOLAS 74 Reg. X/3.</p>   | —  | IMO B+D Res.MSC.81(70), as B+F amended. |  |  |
|   | <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. III/13,</p> <p>— SOLAS 74 Reg. III/26,</p> <p>— SOLAS 74 Reg. III/34,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</p> <p>— IMO Res.MSC.48(66)-(LSA Code) I,</p> <p>— IMO Res.MSC.48(66)-(LSA</p> |  |   |  |  |

Status: Point in time view as at 16/07/2020.

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|--|---|---|---|--|--|
|  |   | Code)<br>IV,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8,<br>IMO<br>MSC/<br>Circ.811. |   |  |  |
| MED/1.17a<br>Lifeboats<br>Davit-<br>launched<br>lifeboats:<br>— partially<br>enclosed,<br>— totally<br>enclosed.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74 —<br>Reg.<br>III/4,<br>SOLAS<br>74<br>Reg.<br>X/3.  | —   | IMO B+D<br>Res.MSC.81(70),<br>as G<br>amended,<br>IMO<br>MSC/<br>Circ.1006. |  |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/21,<br>— SOLAS<br>74<br>Reg.<br>III/31,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA |   |   |  |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---|--|---|--|--|
|   |   | Code)<br>IV,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8,<br>IMO<br>MSC.1/<br>Circ.1423. |   |  |  |
| MED/1.18<br>Rigid rescue<br>boats<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.  | —  | IMO B+D<br>Res.MSC.81(70),<br>as G<br>amended,<br>IMO<br>MSC/<br>Circ.1006. |  |  |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/21,<br>— SOLAS<br>74<br>Reg.<br>III/31,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA |  |   |  |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|--|--|--|--|
|  |  | Code)<br>V,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |  |  |  |
| MED/1.19<br>Inflated<br>rescue boats<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74 —<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.   | —  | IMO B+D<br>Res.MSC.81(70),<br>as G<br>amended,<br>ISO<br>15372:2000. |  |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/21,<br>— SOLAS<br>74<br>Reg.<br>III/31,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>V,<br>— IMO<br>Res.MSC.97(73)- |  |  |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  | (2000 HSC Code) 8.  |   |  |  |  |
|--|---|---|--|--|--|
| MED/1.20a<br>Fast rescue boats:<br>inflated.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4.  | — | IMO B+D Res.MSC.81(70), as amended, ISO 15372:2000.    |  |  |
|  | Carriage and performance requirements<br>— SOLAS 74 Reg. III/26,<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.48(66)-(LSA Code) I,<br>— IMO Res.MSC.48(66)-(LSA Code) V,<br>— IMO MSC/Circ.1016,<br>— IMO MSC/Circ.1094. |   |  |  |  |
| MED/1.20b<br>Fast rescue boats:<br>rigid.<br>Row 1 of 1    | Type approval requirements<br>— SOLAS 74 Reg. III/4.  | — | IMO B+D Res.MSC.81(70), as amended, IMO MSC/Circ.1006. |  |  |
|  | Carriage and performance requirements<br>— SOLAS 74   |   |  |  |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|---------------------------------------|---|--|-------------------------------------|--|
|  |                                       | — | 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<br>Fast rescue boats:<br>rigid-inflated.<br>Row 1 of 1 | Type approval requirements            | — | SOLAS 74                                   | IMO B+D Res.MSC.81(70), as amended, |  |
|  |                                       | — | Reg. III/4.                                | IMO MSC/Circ.1006,                  |  |
|  | Carriage and performance requirements | — |  | ISO 15372:2000.                     |  |
|  |                                       | — | 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,   |                                     |  |



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*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|  | —   | IMO<br>MSC/<br>Circ.1016,                             |  |  |  |
|  | —   | IMO<br>MSC/<br>Circ.1094.                             |  |  |  |
| MED/1.21<br>Launching<br>appliances<br>using falls<br>(davits)<br>Row 1 of 1 | Type<br>approval<br>requirements            | —   | IMO B+D<br>Res.MSC.81(70),<br>as B+F<br>amended. |  |  |
|  | —   | SOLAS<br>74<br>Reg.<br>III/4,                         |  |  |  |
|  | —   | SOLAS<br>74<br>Reg.<br>X/3.                           |  |  |  |
|  | Carriage and<br>performance<br>requirements |   |  |  |  |
|  | —   | SOLAS<br>74<br>Reg.<br>III/23,                        |  |  |  |
|  | —   | SOLAS<br>74<br>Reg.<br>III/33,                        |  |  |  |
|  | —   | SOLAS<br>74<br>Reg.<br>III/34,                        |  |  |  |
|  | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8, |  |  |  |
|  | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,         |  |  |  |
|  | —   | IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>VI,        |  |  |  |
|  | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC                |  |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   | Code)   |   |  |  |
|---|---|---|--|--|
| Item MED/1.22, Float-free launching appliances for survival craft, - moved to MED /9/1.3. |   |   |  |  |
| MED/1.23<br>Launching<br>appliances<br>for free-fall<br>lifeboats<br>Row 1 of 1           | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.  | — | IMO B+D<br>Res.MSC.81(70),<br>as B+F<br>amended. |  |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/16,<br>— SOLAS<br>74<br>Reg.<br>III/23,<br>— SOLAS<br>74<br>Reg.<br>III/33,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>VI,<br>— IMO<br>Res.MSC.97(73)- |   |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  | Code)  |   |                                     |                   |  |
|--|--|---|-------------------------------------|-------------------|--|
| MED/1.25<br>Fast rescue<br>boat<br>launching<br>appliances<br>(Davits)<br>Row 1 of 1                           | Type approval requirements<br>— SOLAS 74 Reg. III/4.   | — | IMO B+D Res.MSC.81(70), as amended. | B+D<br>B+F<br>Cd. |  |
|  | Carriage and performance requirements<br>— SOLAS 74 Reg. III/26,<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.48(66)-(LSA Code) I,<br>— IMO Res.MSC.48(66)-(LSA Code) VI. |   |                                     |                   |  |
| MED/1.26a<br>Release mechanism for:<br>lifeboats and rescue boats (launched by a fall or falls).<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.   | — | IMO B+D Res.MSC.81(70), as amended. | B+D<br>B+F        |  |
|  | Carriage and performance requirements<br>— SOLAS 74 Reg. III/16,<br>— SOLAS 74   |   |                                     |                   |  |

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|  | —   | 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.                               |  |  |  |
| MED/1.26b<br>Release mechanism for: liferafts (launched by a fall or falls).<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/16,<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.36(63)-(1994 | —  | IMO B+D Res.MSC.1(70), as B+F amended. |  |  |

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|  |                                       | — | 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/1.26c<br>Release mechanism for: free fall lifeboats.<br>Row 1 of 1 | Type approval requirements            | — | SOLAS 74 Reg. III/4,                          | IMO B+D Res.MSC.81(70), as B+F amended. |  |
|  | 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,              |   |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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

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|  |  | Code)<br>VI,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |  |  |  |
| MED/1.28<br>Means of<br>rescue<br>Row 1 of 1     | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4.  | —   | IMO B+D<br>Res.MSC.81(70),<br>as<br>amended,<br>IMO<br>MSC/<br>Circ.810. |  |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/26,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>VI. |   |  |  |  |
| MED/1.29<br>Embarkation<br>ladders<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>III/11,<br>— SOLAS<br>74<br>Reg.<br>X/3.   | —   | IMO B+D<br>Res.MSC.81(70),<br>as<br>amended,<br>ISO<br>5489:2008.        |  |  |



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|--|---|---|---|--|--|
|  | <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. III/11,</p> <p>— SOLAS 74 Reg. III/34,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code),</p> <p>— IMO Res.MSC.48(66)-(LSA Code) I,</p> <p>— IMO Res.MSC.48(66)-(LSA Code) VI,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code),</p> <p>— IMO MSC.1/Circ.1285.</p> |   |   |  |  |
| MED/1.30<br>Retro-reflective materials<br>Row 1 of 1 | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. III/4,</p> <p>— SOLAS 74 Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74</p>  | — | IMO B+D Res. B+E A.658(B6), as amended. |  |  |

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|--|---|--|--|--|--|
|  | — | 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.              |  |  |  |

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.

|  |                                       |   |  |            |  |  |
|--|---------------------------------------|---|--|------------|--|--|
| MED/1.33<br>Radar reflector for lifeboats and rescue boats (passive)<br>Row 1 of 1 | Type approval requirements            | —   | EN ISO 8729:1998, EN 60945:2002 incl. IEC 60945 Corr. 1:2008.  | B+D<br>B+E |  |  |
|  | Carriage and performance requirements | —   | EN ISO 8729:1998, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008. |            |  |  |
|  | —                                     | SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3. Or: |  |            |  |  |
|  | —                                     | IMO Res.A.384(X), Or:                       |  |            |  |  |
|  | —                                     | IMO Res.MSC.36(63)-(1994 HSC Code) 8,       | ISO 8729:1:2010, EN 60945:2002 incl. IEC 60945                 |            |  |  |
|  | —                                     | IMO Res.MSC.48(66)-(LSA                     |  |            |  |  |

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|---|-------------------|--------------|--|--|
|   | Code)             | Corr.        |  |  |
| — | I,                | 1:2008.      |  |  |
|   | IMO Or:           |              |  |  |
|   | Res.MSC.48(66)ISO |              |  |  |
|   | (LSA              | 8729-1:2010, |  |  |
|   | Code) —           | IEC          |  |  |
|   | IV,               | 60945:2002   |  |  |
| — | IMO               | incl.        |  |  |
|   | Res.MSC.48(66)IEC |              |  |  |
|   | (LSA              | 60945        |  |  |
|   | Code)             | Corr.        |  |  |
|   | V,                | 1:2008.      |  |  |
| — | IMO               |              |  |  |
|   | Res.MSC.97(73)-   |              |  |  |
|   | (2000             |              |  |  |
|   | HSC               |              |  |  |
|   | Code)             |              |  |  |
|   | 8,                |              |  |  |
| — | IMO               |              |  |  |
|   | Res.MSC.164(78).  |              |  |  |

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.

|  |   |   |  |  |  |
|--|---|---|--|--|--|
| MED/1.36<br>Lifeboat/<br>rescue boat<br>propulsion<br>engine<br>Row 1 of 1 | Type<br>approval<br>requirements            | — | IMO B+D<br>Res.MSC.81(70),<br>as B+F<br>amended. |  |  |
|  | — SOLAS<br>74<br>Reg.<br>III/4,             |   |  |  |  |
|  | — SOLAS<br>74<br>Reg.<br>X/3.               |   |  |  |  |
|  | Carriage and<br>performance<br>requirements |   |  |  |  |
|  | — SOLAS<br>74<br>Reg.<br>III/34,            |   |  |  |  |
|  | — IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)   |   |  |  |  |
|  | — IV,<br>IMO<br>Res.MSC.48(66)-<br>(LSA     |   |  |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |   |                    |                   |
|---|--|---|---|--------------------|-------------------|
|   | Code)<br>V.  |   |   |                    |                   |
| MED/1.37<br>Rescue boat<br>propulsion<br>engine -<br>outboard<br>motor<br>Row 1 of 1  | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>V.                                     | — | IMO B+D<br>Res.MSC.48(66)-<br>as amended. | MSC.81(70),<br>B+F |                   |
| MED/1.38<br>Searchlights<br>for use in<br>lifeboats and<br>rescue boats<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)- | — | IMO B+D<br>Res.MSC.48(66)-<br>as amended. | MSC.81(70),<br>B+F | 13.9.2022<br>(II) |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |  |           |  |
|---|---|---|--|-----------|--|
|   |   | (LSA Code)<br>I,<br>IMO Res.MSC.48(66)-<br>(LSA Code)<br>IV,<br>IMO Res.MSC.48(66)-<br>(LSA Code)<br>V,<br>IMO Res.MSC.97(73)-<br>(2000 HSC Code)<br>8. |  |           |  |
| MED/1.38<br>Searchlights<br>for use in<br>lifeboats and<br>rescue boats<br>Row 2 of 2 | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.MSC.36(63) (1994 HSC Code) 8,<br>— IMO Res.MSC.48(66)-<br>(LSA Code)<br>I,<br>— IMO Res.MSC.48(66)-<br>(LSA | —<br>—<br>—<br>Or:<br>—<br>—<br>—<br>—  | IMO B+D Res.MSC.81(70),<br>as B+F amended,<br>EN 60945:2002 incl. IEC 60945 Corr. 1:2008.<br><br>IMO Res.MSC.81(70),<br>as amended,<br>IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.<br><br>IMO Res.MSC.36(63) (1994 HSC Code) 8,<br>IMO Res.MSC.48(66)-<br>(LSA Code)<br>I,<br>IMO Res.MSC.48(66)-<br>(LSA | 13.9.2019 |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|---|---|---|--|--|
|   |   | Code)<br>IV,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>V,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8.  |   |  |  |
| MED/1.39<br>Open<br>reversible<br>liferafts<br>Row 1 of 1 | Type<br>approval<br>requirements<br><br>Carriage and<br>performance<br>requirements | —<br>SOLAS<br>74<br>Reg.<br>III/4,<br>SOLAS-<br>74<br>Reg.<br>X/3.<br><br>—<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>Annex<br>10,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8, | —<br>IMO B+D<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>Annex<br>10,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>Annex<br>11.<br>And for<br>extended<br>service<br>intervals:<br>—<br>IMO<br>MSC.1/<br>Circ.1328. |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |  |                                     |  |  |
|---|---|--|-------------------------------------|--|--|
|   | —                                       | IMO Res.MSC.97(73)-(2000 HSC Code) Annex 11, |                                     |  |  |
|   | —                                       | IMO MSC.1/Circ.1328.                         |                                     |  |  |
| Item MED/1.40, Mechanical pilot hoist, - moved to MED/4.48.                                 |   |  |                                     |  |  |
| 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,                       | IMO B+D Res.MSC.81(70), as amended. |  |  |
|   | — 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.36(63)-(1994 HSC Code) 8, |  |                                     |  |  |
|   | — IMO Res.MSC.48(66)-(LSA               |  |                                     |  |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |  |  |  |  |  |
|---|--|--|--|--|--|
|   |  | Code)<br>I,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>VI,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8. |  |  |  |
| MED/1.41b<br>Winches for<br>survival craft<br>and rescue<br>boats:<br>free-fall<br>lifeboats.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>SOLAS<br>74<br>Reg.<br>X/3.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/16,<br>SOLAS<br>74<br>Reg.<br>III/23,<br>SOLAS<br>74<br>Reg.<br>III/24,<br>SOLAS<br>74<br>Reg.<br>III/34,<br>IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>IMO<br>Res.MSC.48(66)-<br>(LSA | —  | IMO B+D<br>Res.MSC.81(70),<br>as B+F<br>amended. |  |  |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  | Code)   |   |  |  |  |
|--|---|---|--|--|--|
|  | VI.   |   |  |  |  |
| MED/1.41c<br>Winches for<br>survival craft<br>and rescue<br>boats:<br>liferafts.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.  | — | IMO B+D<br>Res.MSC.81(70),<br>as B+F<br>amended. |  |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/16,<br>— SOLAS<br>74<br>Reg.<br>III/17,<br>— SOLAS<br>74<br>Reg.<br>III/23,<br>— SOLAS<br>74<br>Reg.<br>III/24,<br>— SOLAS<br>74<br>Reg.<br>III/34,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>I,<br>— IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>VI, |   |  |  |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                                       |  |   |   |  |
|---|---------------------------------------|--|---|---|--|
|   | —                                     | IMO Res.MSC.97(73)-(2000 HSC Code) 8.  |   |   |  |
| 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.  | — | IMO B+D Res.MSC.81(70), as B+F amended. |  |
|   | 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, |   |   |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                       |  |   |   |  |  |
|--|---------------------------------------|--|---|---|--|--|
|  | —                                     | IMO Res.MSC.97(73)-(2000 HSC Code) 8.  |   |   |  |  |
| MED/1.41e Winches for survival craft and rescue boats: fast rescue boats. Row 1 of 1 | Type approval requirements            | — SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3.  | — | IMO B+D Res.MSC.81(70), as B+F amended. |  |  |
|  | 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, |   |   |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                                       |   |   |  |  |  |
|---|---------------------------------------|---|---|--|--|--|
|   | —                                     | IMO Res.MSC.97(73)-(2000 HSC Code) 8.   |   |  |  |  |
| Item MED/1.42, Pilot ladder, - moved to MED/4.49. |                                       |   |   |  |  |  |
| MED/1.43 Rigid/inflated rescue boats Row 1 of 1   | Type approval requirements            | — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.   | — | IMO B+D Res.MSC.81(70), as amended, IMO MSC/Circ.1006, ISO 15372:2000. |  |  |
|   | 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)- |   |  |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                             |  |  |  |
|--|-----------------------------|--|--|--|
|  | (2000<br>HSC<br>Code)<br>8. |  |  |  |
|--|-----------------------------|--|--|--|

## 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<br>Oil-filtering equipment (for an oil content of the effluent not exceeding 15 p.p.m.)<br>Row 1 of 1 | Type approval requirements<br>— MARPOL 73/78 Annex I, Reg. 14.<br><br>Carriage and performance requirements<br>— MARPOL 73/78 Annex I, Reg. 14, IMO MEPC.1/ Circ. 643. | —                 | IMO B+D Res.MEPC.107(49), as amended, IMO MEPC.1/ Circ. 643. |                             |                       |
| MED/2.2<br>Oil/water interface detectors<br>Row 1 of 1  | Type approval requirements<br>— MARPOL 73/78 Annex I, Reg. 32.   | —                 | IMO B+D Res.MEPC.5(XIII). B+F                                |                             |                       |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |  |  |                   |
|---|--|---|--|--|-------------------|
| MED/2.3<br>Oil-content<br>meters<br>Row 1 of 1  | Type<br>approval<br>requirements<br>— MARPOL<br>73/78<br>Annex<br>I,<br>Reg.<br>14.  | — | IMO B+D<br>Res.MEPC.107(49),<br>as B+F<br>amended,<br>IMO<br>MEPC.1/<br>Circ. 643. |  |                   |
|   | Carriage and<br>performance<br>requirements<br>— MARPOL<br>73/78<br>Annex<br>I,<br>Reg.<br>14,<br>— IMO<br>MEPC.1/<br>Circ. 643. |   |  |  |                   |
| Item MED/2.4, Process units intended for attachment to existing oil/water separating equipment (for an oil content of the effluent not exceeding 15 p.p.m., - has been deliberately left blank. |  |   |  |  |                   |
| MED/2.5<br>Oil discharge<br>monitoring<br>and control<br>system for oil<br>tankers<br>Row 1 of 1  | Type<br>approval<br>requirements<br>— MARPOL<br>73/78<br>Annex<br>I,<br>Reg.<br>31,<br>— IMO<br>MEPC.1/<br>Circ.858.             | — | IMO B+D<br>Res. B+E<br>MEPC.108(49),<br>as<br>amended.                             |  |                   |
|   | Carriage and<br>performance<br>requirements<br>— MARPOL<br>73/78<br>Annex<br>I,<br>Reg.<br>31.                                   |   |  |  |                   |
| MED/2.6<br>Sewage<br>systems<br>Row 1 of 2  | Type<br>approval<br>requirements<br>— MARPOL<br>73/78  | — | IMO B+D<br>Res.MEPC.227(64).<br>B+F  |  | 1.1.2018<br>(III) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|                                   |  |  |  |           |  |
|-----------------------------------|--|--|--|-----------|--|
|                                   |  | Annex IV, Reg. 9. Carriage and performance requirements MARPOL 73/78 Annex IV, Reg. 9. |  |           |  |
| MED/2.6 Sewage systems Row 2 of 2 | Type approval requirements<br>—            | — MARPOL 73/78 Annex IV, Reg. 9.   | IMO B+D Res.MEPC.227(64), as amended.  | 16.3.2017 |  |
|                                   | Carriage and performance requirements<br>— | MARPOL 73/78 Annex IV, Reg. 9.   | (a) including section 4.2 (for use by passenger ships in all areas, including a MARPOL Annex IV special area),<br><br>(b) not including section 4.2 (for use by ships, other than passenger ships, in all areas and by |           |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |   |   |                        |                   |
|--|---|---|---|------------------------|-------------------|
|  |   |   | passenger ships outside MARPOL Annex IV special areas). |                        |                   |
| MED/2.7<br>Shipboard incinerators<br>Row 1 of 2  | Type approval requirements<br>— MARPOL 73/78 Annex VI, Reg. 16.<br><br>Carriage and performance requirements<br>— MARPOL 73/78 Annex VI, Reg. 16.<br>— IMO MEPC.1/Circ.793. | — | IMO Res. MEPC.76(40)                                    | B+D<br>B+E<br>B+F<br>G | 1.1.2018<br>(III) |
| MED/2.7<br>Shipboard incinerators<br>(Incinerator plants with capacities up to 4 000 kW)<br>Row 2 of 2 | Type approval requirements<br>— MARPOL 73/78 Annex VI, Reg. 16.<br><br>Carriage and performance requirements<br>— MARPOL 73/78 Annex VI, Reg. 16.                           | — | IMO Res. MEPC.74(66)                                    | B+D<br>B+E<br>G        | 16.3.2017         |
| MED/2.8<br>NOx analyser permanently  | Type approval requirements  | — | IMO Res. MEPC.77(58)                                    | B+D<br>B+E             |                   |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |          |  |
|---|---|---|----------|--|
| <p>placed on board and for use on board as per NOx Technical Code 2008 Row 1 of 1</p> | <p>— IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 13).</p>  | <p>- (NOx Technical code 2008), as amended.</p> | <p>G</p> |  |
|   | <p>Carriage and performance requirements</p> <p>— IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 13),</p> <p>— IMO Res. MEPC.177(58) - (NOx Technical Code 2008),</p> <p>— IMO Res. MEPC.198(62).</p> |   |          |  |

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

|  |   |                               |                          |  |                        |
|--|---|-------------------------------|--------------------------|--|------------------------|
| <p>MED/2.10 On board exhaust gas cleaning systems Row 1 of 2</p> | <p>Type approval requirements</p> <p>— IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4),</p> <p>— IMO Res. MEPC.184(59).</p> | <p>IMO Res. MEPC.184(59).</p> | <p>B+D<br/>B+F<br/>G</p> |  | <p>15.5.2018 (III)</p> |
|--|---|-------------------------------|--------------------------|--|------------------------|

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |                           |   |           |  |
|---|--|---------------------------|---|-----------|--|
|   | Carriage and performance requirements<br>— IMO Res. MEPC.176(58)<br>- (Revised MARPOL Annex VI, Reg. 4).   |                           |   |           |  |
| MED/2.10<br>On board exhaust gas cleaning systems<br>Row 2 of 2 | Type approval requirements<br>— IMO Res. MEPC.176(58)<br>- (Revised MARPOL Annex VI, Reg. 4),<br>— IMO Res. MEPC.259 (68).<br>Carriage and performance requirements<br>— IMO Res. MEPC.176(58)<br>- (Revised MARPOL Annex VI, Reg. 4). | — IMO Res. MEPC.259 (68). | Scheme A: MEPC.259(68).<br>G<br>Scheme B: G | 19.6.2018 |  |

### 3. Fire protection equipment

| Number and item designation | Regulation SOLAS 74 as amended, and the | Testing standards | Modules for conformity assessment | First placing on the market | Last placing on board |
|-----------------------------|---|-------------------|-----------------------------------|-----------------------------|-----------------------|
|-----------------------------|---|-------------------|-----------------------------------|-----------------------------|-----------------------|

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

| 1  | relevant resolutions and circulars of the IMO, as applicable   | 3 | 4  | 5           | 6 |
|--|--|---|--|-------------|---|
| MED/3.1<br>Primary decks covering<br>Row 1 of 1      | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/6,</p> <p>— SOLAS 74 Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/6,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</p> | — | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |             |   |
| MED/3.2<br>Portable fire extinguishers<br>Row 1 of 1 | <p>Type approval requirements</p> <p>— SOLAS 74</p>  | — | EN 3-7:2004 incl. A1:2007,                               | B+D B+E B+F |   |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |  |
|---|--|---|--|
| — | Reg. II-2/10, SOLAS 74   | — | EN 3-8:2006 incl. AC:2007,               |
| — | Reg. X/3, IMO Res.MSC.98(73) (FSS Code) 4.                             | — | EN 3-9:2006 incl. AC:2007, EN 3-10:2009. |
|   | 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  |   |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |  |                   |  |
|---|---|--|-------------------|--|
|   | Code)<br>4,<br>— IMO<br>Res.MSC.391(95)-<br>(IGF<br>Code)<br>11,<br>— IMO<br>MSC/<br>— Circ.1239,<br>IMO<br>MSC/<br>Circ.1275.  |  |                   |  |
| MED/3.3a<br>Fire-fighter's<br>outfit:<br>protective<br>clothing<br>(close<br>proximity<br>clothing):<br>Protective<br>non reflective<br>clothing for<br>firefighting.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>3.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS | — EN<br>469:2005<br>incl. A1:2006<br>and<br>AC:2006. | B+D<br>B+E<br>B+F |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | Code)<br>3.   |   |              |                              |  |
| MED/3.3b<br>Fire-fighter's<br>outfit:<br>protective<br>clothing<br>(close<br>proximity<br>clothing):<br>Protective<br>clothing for<br>firefighting:<br>Reflective<br>clothing for<br>specialised<br>fire-fighting.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>3.   | — | EN<br>1486   | B+D<br><del>B+E</del><br>B+F |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>3. |   |              |                              |  |
| MED/3.3c<br>Fire-fighter's<br>outfit:<br>protective<br>clothing<br>(close<br>proximity<br>clothing):   | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>SOLAS<br>74  | — | ISO<br>15538 | B+D<br><del>B+E</del><br>B+F |  |

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|   |   |            |                    |  |  |
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| Protective clothing for firefighting:<br>Protective clothing with a reflective outer surface.<br>Row 1 of 1 | — Reg. X/3, IMO Res.MSC.98(73)-(FSS Code) 3.<br><br>Carriage and performance requirements<br>— SOLAS 74<br>— Reg. II-2/10, IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br>— IMO Res.MSC.98(73)-(FSS Code) 3. |            |                    |  |  |
| MED/3.4 Fire-fighter's outfit: boots<br>Row 1 of 1  | Type approval requirements<br>— SOLAS 74<br>— Reg. II-2/10, SOLAS 74<br>— Reg. X/3, IMO Res.MSC.98(73)-(FSS Code) 3.<br><br>Carriage and performance requirements   | — EN 15090 | B+D<br>B+E.<br>B+F |  |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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



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|--|---|---|-------------|-------------------|--|
|  | 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<br>Fire-fighter's outfit: helmet<br>Row 1 of 1 | Type approval requirements              | — | EN 443:2008 | B+D<br>B+E<br>B+F |  |
|  | — SOLAS 74 Reg. II-2/10,                |   |             |                   |  |
|  | — SOLAS 74 Reg. X/3,                    |   |             |                   |  |
|  | — IMO Res.MSC.98(73)-(FSS               |   |             |                   |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | Code)<br>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.   |   |                   |  |
| MED/3.7 Self-contained compressed-air-operated breathing apparatus<br>Note: For use in accidents involving dangerous goods a | Type approval requirements<br>— SOLAS 74 Reg. II-2/10,<br>— SOLAS 74 Reg. X/3, | ISO 23269-2:2011 (firefighting - maritime use only).<br>Type 1 mask shall not be used in either MED/3.7 or MED/7.1.<br>Note: Associated | B+D<br>B+E<br>B+F |  |

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*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| positive pressure type mask is required. (Refer to item 7.1)<br>Row 1 of 1 | — | IMO fireproof Res.MSC.98(73)- (FSS Code) requested by ISO 23269 3. § 4.28 shall be MED certified as item MED 3.44 and used in conjunction 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 shall indicate the MED fireproof lifeline as mandatory combined component. |  |  |
|  | — | Carriage and performance requirements   |  |  |
|  | — | SOLAS 74 Reg. II-2/10 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.  |  |  |
|  | — | SOLAS 74 Reg. II-2/15 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.   |  |  |
|  | — | SOLAS 74 Reg. II-2/19 apparatus or to a separate belt in order to prevent the breathing apparatus becoming detached when the lifeline is operated.  |  |  |
|  | — | IMO Res.MSC.4(48)- (IBC Code) 11, the breathing apparatus becoming detached when the lifeline is operated.  |  |  |
|  | — | IMO Res.MSC.5(48)- (IGC Code) 11, lifeline is operated.   |  |  |
|  | — | IMO Res.MSC.36(63)- (1994 HSC Code) 7, the breathing apparatus module B shall indicate the MED fireproof lifeline as mandatory combined component.  |  |  |
|  | — | IMO Res.MSC.97(73)- (2000 HSC Code) 7, the MED fireproof lifeline as mandatory combined component.  |  |  |
|  | — | IMO Res.MSC.98(73)- (FSS Code) 3, the MED fireproof lifeline as mandatory combined component.   |  |  |
|  | — | IMO MSC.1/ Circ.1499,   |  |  |

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|   | —  | IMO<br>MSC.1/<br>Circ.1555.  |   |                   |  |                   |
| MED/3.8<br>Compressed<br>air line<br>breathing<br>apparatus<br>Row 1 of 2 | Type<br>approval<br>requirements<br>—            | —<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>—<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>—<br>Note:<br>This<br>equipment<br>is<br>only<br>for<br>high<br>speed<br>craft<br>built<br>under<br>provisions<br>of<br>the<br>1994<br>HSC<br>Code. | EN<br>14593<br>Or:<br>EN<br>14594:<br>incl.<br>AC:2005. | B+D<br>B+E<br>B+F |  | 13.3.2021<br>(II) |
|   | Carriage and<br>performance<br>requirements<br>— | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,  |   |                   |  |                   |
| MED/3.8<br>Compressed<br>air line<br>breathing<br>apparatus<br>Row 2 of 2 | Type<br>approval<br>requirements<br>—            | —<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>—<br>IMO<br>Res.MSC.36(63)-   | EN<br>14593<br>Or:<br>EN<br>14594:<br>2018.             | B+D<br>B+E<br>B+F |  | 13.9.2019         |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   |                                       | (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,   |                                 |                          |  |
| 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 | 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.                | — IMO Res. A.800(B-97) amended. | B+D B+E B+F, as amended. |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>systems, for high speed craft (HSC) are included under this item).<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 1</p> | <p>Carriage and performance requirements</p>           | <p>—</p> | <p>SOLAS 74 Reg. II-2/7,<br/>SOLAS 74 Reg. II-2/9,<br/>SOLAS 74 Reg. II-2/10,<br/>IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>IMO Res.MSC.44(65),<br/>IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br/>IMO Res.MSC.98(73)-(FSS Code) 8,<br/>IMO MSC/Circ.912,<br/>IMO MSC/Circ. 1556.</p> |  |  |  |
| <p>MED/3.10 Nozzles for fixed pressure water spraying fire extinguishing systems for machinery spaces and cargo pump-rooms</p>   | <p>Type approval requirements</p>                      | <p>—</p> | <p>IMO B+D MSC/B+E Circ. 1556 as amended.</p>  |  |  |  |
|  | <p>— SOLAS 74 Reg. II-2/10,<br/>SOLAS 74 Reg. X/3,</p> |          |  |  |  |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 1</p> | <p>— IMO Res.MSC.98(73)-(FSS Code) 7.</p>      |  |                               |                             |  |
|   | <p>Carriage and performance requirements</p>   |  |                               |                             |  |
|   | <p>— SOLAS 74 Reg. II-2/10,</p>                |  |                               |                             |  |
|   | <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</p> |  |                               |                             |  |
|   | <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</p> |  |                               |                             |  |
|   | <p>— IMO Res.MSC.98(73)-(FSS Code) 7,</p>      |  |                               |                             |  |
|   | <p>— IMO Res.MSC.391(95)-(IGF Code) 11),</p>   |  |                               |                             |  |
|   | <p>— IMO MSC.1/Circ.1313.</p>                  |  |                               |                             |  |
| <p>MED/3.11a 'A' &amp; 'B' Class divisions fire integrity: 'A' class divisions.<br/>Row 1 of 1</p>  | <p>Type approval requirements</p>              | <p>— IMO B+D Res.MSC.307(88)-(2010 B+F</p> | <p>FTP Code), as amended,</p> | <p>IMO MSC.1/Circ.1435.</p> |  |
|   | <p>— SOLAS 74 Reg. II-2/3.2,</p>               |  |                               |                             |  |
|   | <p>— IMO MSC/Circ.1120.</p>                    |  |                               |                             |  |
|   | <p>Carriage and performance requirements</p>   |  |                               |                             |  |

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|   | —   | SOLAS 74 Reg. II-2/3.2. |  |   |                 |
|   | —   | SOLAS 74 Reg. II-2/9,   |  |   |                 |
|   | —   | IMO MSC/ Circ.1120,     |  |   |                 |
|   | —   | IMO MSC.1/ Circ.1434.   |  |   |                 |
| MED/3.11b 'A' & 'B' Class divisions fire integrity: 'B' class divisions. Note: Excludes restricted B-Class divisions/ doors. Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. II-2/3.4,<br>— IMO MSC/ Circ.1120.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/3.4,<br>— SOLAS 74 Reg. II-2/9,<br>— IMO MSC/ Circ.1120,<br>— IMO MSC.1/ Circ.1581. | —                       | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |   |                 |
| MED/3.12 Devices to prevent the passage of flame into the cargo tanks in tankers Row 1 of 2   | Type approval requirements<br>— SOLAS 74 Reg. II-2/4,<br>— SOLAS 74   | (a)                     | P/V valves<br>—<br>—                                     | For equipment other than valves:<br>IMO MSC/ Circ.677, as amended, For valves:<br>IMO FSO 16852:2010, | 23.5.2019 (III) |



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|   | Reg. II-2/16.              | —                           | ISO 15364:2016.               |                                 |           |
| Carriage and performance requirements   | (b)                        | Flame arresters:            |                               |                                 |           |
| — SOLAS 74  |                            | —                           | IMO MSC/Circ.677, as amended, |                                 |           |
| — Reg. II-2/4, SOLAS 74   |                            | —                           | EN ISO 16852:2010.            |                                 |           |
| — Reg. II-2/16, IMO Res.MSC.98(73) (FSS Code) 15.   | (c)                        | Detonation flame arresters: |                               |                                 |           |
|   |                            | —                           | IMO MSC/Circ.677, as amended. |                                 |           |
|   |                            | —                           | EN ISO 16852:2010.            |                                 |           |
|   | (d)                        | High velocity vent valves:  |                               |                                 |           |
|   |                            | —                           | IMO MSC/Circ.677, as amended, |                                 |           |
|   |                            | —                           | EN ISO 16852:2010,            |                                 |           |
|   |                            | —                           | ISO 15364:2016.               |                                 |           |
| MED/3.12<br>Devices to prevent the passage of flame into the cargo tanks in tankers<br>Row 2 of 2 | Type approval requirements | (a)                         | P/V valves                    | For equipment other than valves | 19.6.2018 |
| — SOLAS 74  |                            |                             | —                             | IMO MSC/B+C/B+E/B+F valves:     |           |
| — Reg. II-2/4, SOLAS 74   |                            | —                           | —                             | EN ISO 16852:2016,              |           |
| — Reg. II-2/16.   |                            | —                           | —                             | ISO 15364:2016.                 |           |
| Carriage and performance requirements   | (b)                        | Flame arresters:            |                               |                                 |           |

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|   | — SOLAS 74 Reg. II-2/4,   | —                           | IMO MSC/ Circ.677, as amended,                                    |  |
|   | — SOLAS 74 Reg. II-2/16.  | —                           | EN ISO 16852:2016.  |  |
|   | — IMO (c) Res.MSC.98(73) (FSS Code) 15.                                 | Detonation flame arresters: | IMO MSC/ Circ.677, as amended, EN ISO 16852:2016.                 |  |
|   | (d)   | High velocity vent valves:  | IMO MSC/ Circ.677, as amended, EN ISO 16852:2016, ISO 15364:2016. |  |
| MED/3.13 Non-combustible materials Row 1 of 1 | Type approval requirements — SOLAS 74 Reg. II-2/3, — SOLAS 74 Reg. X/3. | —                           | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.          |  |
|   | Carriage and performance requirements — SOLAS 74 Reg. II-2/3,           |                             |   |  |

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|---|---------------------------------------|--|--|--|
| — | 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.

|  |                                       |                                       |  |  |  |
|--|---------------------------------------|---------------------------------------|--|--|--|
| MED/3.15a<br>Materials other than steel for pipes conveying oil or fuel oil: plastic pipes and fittings.<br>Row 1 of 1 | Type approval requirements            | —                                     | IMO B+D Res.A55E(18), as amended,                |  |  |
|  | —                                     | SOLAS 74 Reg. II-2/4,                 | IMO Res.MSC.307(88)-(2010 FTP Code), as amended. |  |  |
|  | 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          |  |  |  |

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|---|---|---|--------------------|--------------------------|
|   | Code)<br>10,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>10,<br>IMO<br>MSC/<br>Circ.1120.  |   |                    |                          |
| MED/3.15b<br>Materials<br>other than<br>steel for pipes<br>conveying oil<br>or fuel oil:<br>valves.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/4,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>10,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC | — | EN<br>ISO<br>10497 | B+D<br>B+E<br>B+E<br>B+E |

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|---|---|--|-------------------|-------------------|
|   | Code)<br>7,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>10,<br>— IMO<br>MSC/<br>Circ.1120.  |  |                   |                   |
| MED/3.15c<br>Materials<br>other than<br>steel for pipes<br>conveying oil<br>or fuel oil:<br>flexible pipe<br>assemblies<br>and<br>compensators.<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg. —<br>II-2/4,<br>— SOLAS<br>74<br>Reg.<br>X/3.   | Flexible pipe<br>assemblies:<br>— EN<br>ISO<br>15540:2001,<br>— EN<br>ISO<br>15541:2001. | B+D<br>B+E<br>B+F | 1.7.2019<br>(III) |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/4,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>10,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC |  |                   |                   |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---|--|--|---------------------|-----------|
|   |   | Code)<br>10,<br>IMO<br>MSC/<br>Circ.1120.  |  |                     |           |
| MED/3.15c<br>Materials<br>other than<br>steel for pipes<br>conveying oil<br>or fuel oil:<br>flexible pipe<br>assemblies<br>and<br>compensators.<br>Row 2 of 2 | Type<br>approval<br>requirements            | —<br>SOLAS<br>74<br>Reg.<br>II-2/4,<br>SOLAS<br>74<br>Reg.<br>X/3.   | ISO<br>15540:2016,<br>ISO<br>15541:2016. | B+D<br>B+E6,<br>B+F | 19.6.2018 |
|   | Carriage and<br>performance<br>requirements | —<br>SOLAS<br>74<br>Reg.<br>II-2/4,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>10,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>10,<br>IMO<br>MSC/<br>Circ.1120. |  |                     |           |

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

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|---|----------|---|--|--|
| <p>Note:<br/>Excludes restricted B-Class divisions/doors.<br/>Row 1 of 1</p>  | <p>— SOLAS 74 Reg. II-2/9.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/9,</p> <p>— IMO MSC.1/ Circ.1511.</p>   | <p>—</p> | <p>FTP Code), as amended, IMO MSC.1/ Circ.1319</p>              |  |  |
| <p>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.<br/>Row 1 of 1</p> | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/9,</p> <p>— SOLAS 74 Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/9,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</p> | <p>—</p> | <p>IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.</p> |  |  |



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

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

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

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|  |   |   |  |  |  |
|--|---|---|--|--|--|
| MED/3.18d<br>Surface materials and floor coverings with low flame-spread characteristics:<br>pipe insulation covers.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. II-2/3,<br>— SOLAS 74 Reg. II-2/5,<br>— SOLAS 74 Reg. X/3.  | — | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  |  |
|  | Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/3,<br>— SOLAS 74 Reg. II-2/5,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br>— IMO MSC/Circ.1120. |   |  |  |  |
| MED/3.18e<br>Surface materials and floor coverings with low flame-spread characteristics:<br>adhesives used in the                 | Type approval requirements<br>— SOLAS 74 Reg. II-2/3,<br>— SOLAS 74   | — | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  |  |

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|  |   |          |   |  |  |
|--|---|----------|---|--|--|
| <p>construction of 'A', 'B' &amp; 'C' class divisions.<br/>Row 1 of 1</p>  | <p>— Reg. II-2/5, SOLAS 74<br/>— Reg. II-2/9, SOLAS 74<br/>— Reg. X/3.</p>  |          |   |  |  |
|  | <p>Carriage and performance requirements<br/>— SOLAS 74<br/>— Reg. II-2/3, SOLAS 74<br/>— Reg. II-2/5, SOLAS 74<br/>— Reg. II-2/9, IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br/>— IMO MSC/Circ.1120.</p> |          |   |  |  |
| <p>MED/3.18f<br/>Surface materials and floor coverings with low flame-spread characteristics: combustible ducts membrane.<br/>Row 1 of 1</p> | <p>Type approval requirements<br/>— SOLAS 74<br/>— Reg. II-2/3, SOLAS 74<br/>— Reg. II-2/5,</p>   | <p>—</p> | <p>IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.</p> |  |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                                       |                                       |   |  |  |
|---|---------------------------------------|---------------------------------------|---|--|--|
|   | —                                     | 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.                    |   |  |  |
| MED/3.19 Draperies, curtains and other suspended textile materials and films Row 1 of 1 | Type approval requirements            | —                                     | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended, IMO MSC.1/Circ.1456, as amended. |  |  |
|   | —                                     | SOLAS 74 Reg. II-2/3,                 |   |  |  |
|   | —                                     | SOLAS 74 Reg. II-2/9,                 |   |  |  |
|   | —                                     | SOLAS 74                              |   |  |  |

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|            |                                  |  |  |  |           |
|------------|----------------------------------|--|--|--|-----------|
|            |                                  | Reg.<br>X/3.   |  |  |           |
|            |                                  | 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/3.20   | Type                             | —  | IMO B+D  |  | 12.8.2023 |
| —          | Upholstery approval requirements |  | Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  | (I)       |
| Row 1 of 1 | —                                | SOLAS 74   |  |  |           |
|            | —                                | Reg. II-2/3, SOLAS 74                                |  |  |           |
|            | —                                | Reg. II-2/5, SOLAS 74                                |  |  |           |
|            | —                                | Reg. II-2/9, SOLAS 74                                |  |  |           |
|            | —                                | Reg. X/3.  |  |  |           |
|            |                                  | Carriage and performance requirements                |  |  |           |
|            |                                  | — SOLAS 74   |  |  |           |
|            |                                  | Reg. II-2/3,   |  |  |           |

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|  |                                       |                                       |  |           |  |
|--|---------------------------------------|---------------------------------------|--|-----------|--|
|  | —                                     | 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/3.20a Upholstered furniture: complete piece of furniture (including cover material, filling material and non-flammable rack). Row 1 of 1 (NEW ROW) | Type approval requirements            | —                                     | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. | 12.8.2020 |  |
|  | —                                     | SOLAS 74 Reg. II-2/3,                 |  |           |  |
|  | —                                     | SOLAS 74 Reg. II-2/5,                 |  |           |  |
|  | —                                     | 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                              |  |           |  |



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|--|---|--|---|-----------|--|
|  | —   | 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: cover material for any filling material. Row 1 of 1 (NEW ROW) | Type approval requirements<br>— SOLAS 74 Reg. II-2/3, SOLAS 74 Reg. II-2/5, SOLAS 74 Reg. II-2/9, SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— 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 | —  | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), Annex 1 Part 8 Appendix 3, as amended. | 12.8.2020 |  |

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

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|   | Code)  |   |   |           |  |
|---|--|---|---|-----------|--|
| MED/3.20d Upholstered furniture: flame-retardant filling material. Row 1 of 1 (NEW ROW) | Type approval requirements<br>— SOLAS 74 Reg. II-2/3,<br>— SOLAS 74 Reg. II-2/5,<br>— SOLAS 74 Reg. II-2/9,<br>— SOLAS 74 Reg. X/3.  | — | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), Annex 1 Part 8 Appendix 3, as amended. | 12.8.2020 |  |
|   | Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/3,<br>— SOLAS 74 Reg. II-2/5,<br>— SOLAS 74 Reg. II-2/9,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7. |   |   |           |  |
| MED/3.21 Bedding components   | Type approval requirements   | — | IMO B+D Res.MSC.307(88)-(2010 B+F   |           |  |

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|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 1</p> | <p>— SOLAS 74 Reg. II-2/3,<br/>— SOLAS 74 Reg. II-2/9,<br/>— SOLAS 74 Reg. X/3.</p>  | <p>FTP Code),<br/>as amended.</p>                                     |  |  |  |
|   | <p>Carriage and performance requirements<br/>— SOLAS 74 Reg. II-2/3,<br/>— SOLAS 74 Reg. II-2/9,<br/>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</p> |   |  |  |  |
| <p>MED/3.22 Fire dampers<br/>Row 1 of 1</p>   | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/9.<br/><br/>Carriage and performance requirements<br/>— SOLAS 74 Reg. II-2/9.</p>   | <p>— IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code),<br/>as amended.</p> |  |  |  |

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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.

|  |  |   |   |  |  |
|--|--|---|---|--|--|
| MED/3.25<br>"A" and<br>"B" class<br>fire proof<br>windows and<br>side scuttles<br>Row 1 of 1                                 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9.   | — | IMO B+D<br>Res.MSC.307(88)-<br>(2010 B+F<br>FTP<br>Code),<br>as<br>amended.                                     |  |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9,<br>— IMO<br>Res.MSC.5(48)-<br>(IGC<br>Code)<br>3,<br>— IMO<br>MSC/<br>Circ.1120. |   |   |  |  |
| MED/3.26a<br>Penetrations<br>through<br>'A' class<br>divisions:<br>electric cable<br>transits.<br>Row 1 of 1                 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9.   | — | IMO B+D<br>Res.MSC.307(88)-<br>(2010 B+F<br>FTP<br>Code),<br>as<br>amended,<br>IMO<br>Res.MSC.1/<br>Circ. 1488. |  |  |
| MED/3.26b<br>Penetrations<br>through<br>'A' class<br>divisions:<br>pipe, duct,<br>trunk,<br>etc. penetrations.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9.   | — | IMO B+D<br>Res.MSC.307(88)-<br>(2010 B+F<br>FTP<br>Code),<br>as<br>amended,                                     |  |  |

*Status: Point in time view as at 16/07/2020.*

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|  | Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/9,<br>— IMO MSC.1/Circ. 1276.                               | —     | IMO MSC.1/Circ. 1488.   |  |  |
| MED/3.27a Penetrations through 'B' class divisions: electric cable transits, Row 1 of 1                                    | Type approval requirements<br>— SOLAS 74 Reg. II-2/9.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/9. | —     | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.                    |  |  |
| MED/3.27b Penetrations through 'B' class divisions: pipe, duct, trunk, etc. penetrations, Row 1 of 1                       | Type approval requirements<br>— SOLAS 74 Reg. II-2/9.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/9. | —     | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.                    |  |  |
| MED/3.28 Sprinkler systems (limited to sprinkler heads). (Nozzles for fixed sprinkler systems, for high speed craft (HSC)) | Type approval requirements<br>— SOLAS 74 Reg. II-2/7,<br>— SOLAS 74 Reg. II-2/10,   | — Or: | ISO 6182-2:2014, B+F<br>EN 12259-1:1999 incl. A1:2001, A2:2004 and A3:2006. |  |  |

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| <p>are included under this item).<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 1</p> | <p>— SOLAS 74 Reg. X/3.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</p> <p>— IMO Res.MSC.44(65),</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</p> <p>— IMO Res.MSC.98(73)-(FSS Code) 8,</p> <p>— IMO MSC/Circ.912,</p> <p>— MSC.1/Circ.1556.</p> |                   |                              |  |  |
| <p>MED/3.29 Fire-fighting hoses: Non-percolating lay flat firefighting hoses (range of the inside diameter from 25 mm to 52 mm).<br/>Row 1 of 1</p>  | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p>   | <p>— EN 14540</p> | <p>B+D<br/>B+E4.<br/>B+F</p> |  |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | 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/3.30 Portable oxygen analysis and gas detection equipment Row 1 of 4 | Type approval requirements            | — | EN 60945:2002 incl. B+F               | B+D  | 16.3.2017 | 28.2.2020 (II) |
|  |                                       | — | SOLAS 74 Reg. II-2/4,                 | IEC 60945 Corr. 1:2008,                        |           |                |
|  |                                       | — | SOLAS 74 Reg. VI/3,                   | or IEC 60945:2002 incl.                        |           |                |
|  |                                       | — | SOLAS 74 Reg. XI-1/7.                 | IEC 60945 Corr. 1:2008,                        |           |                |
|  | Carriage and performance requirements | — | IEC 60092-504:2016,                   |  |           |                |
|  |                                       | — | IEC 60533:2015.                       |  |           |                |
|  |                                       | — | SOLAS 74 Reg. II-2/4,                 | And as applicable to: Category 1: (safe area); |           |                |
|  |                                       | — | SOLAS 74 Reg. VI/3,                   | EN 50104:2010,                                 |           |                |
|  |                                       | — | SOLAS 74 Reg. XI-1/7.                 | EN 60079-29-1:2016.                            |           |                |
|  |                                       | — | IMO Res.MSC.98(73)-                   | Category 2: (explosive                         |           |                |



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|  | (FSS Code) 15, IMO MSC.1/Circ.1477.   | — | gas atmospheres):  | EN 50104:2010, EN 60079-29-1:2007, EN 60079-0:2012 incl. A11:2013, EN 60079-1:2014, EN 60079-10-1:2015, EN 60079-11:2012, EN 60079-15:2010, EN 60079-26:2015. |           |               |
| MED/3.30<br>Portable oxygen analysis and gas detection equipment<br>Row 2 of 4 | Type approval requirements            | — | EN 60945-1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, | B+D<br>B+E<br>B+F   | 19.6.2018 | 6.7.2021 (II) |
|  | SOLAS 74 Reg. II-2/4,                 | — | IEC 60945:2002   |   |           |               |
|  | SOLAS 74 Reg. VI/3,                   | — | IEC 60945  |   |           |               |
|  | SOLAS 74 Reg. XI-1/7.                 | — | IEC 60945:2002   |   |           |               |
|  | Carriage and performance requirements | — | IEC 60092-504:2016,  |   |           |               |
|  | SOLAS 74 Reg. II-2/4,                 | — | IEC 60533:2015,  |   |           |               |
|  | SOLAS 74 Reg. VI/3,                   | — | EN 50104:2010,   |   |           |               |
|  | SOLAS 74 Reg. XI-1/7.                 | — | EN 60079-29-1:2016,  |   |           |               |
|  | IMO Res.MSC.98(73)-                   | — | Category 2: (explosive)  |   |           |               |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | (FSS Code) 15, IMO MSC.1/Circ.1477.   | gas atmospheres):   | EN 50104:2010, EN 60079-29-1:2016, EN 60079-0:2012 incl. A11:2013, EN 60079-1:2014, EN 60079-10-1:2015, EN 60079-11:2012, EN 60079-15:2010, EN 60079-26:2015. |               |
| MED/3.30 Portable oxygen analysis and gas detection equipment Row 3 of 4 | Type approval requirements<br>— SOLAS 74 Reg. II-2/4,<br>— SOLAS 74 Reg. VI/3,<br>— SOLAS 74 Reg. XI-1/7.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/4,<br>— SOLAS 74 Reg. VI/3,<br>— SOLAS 74 Reg. XI-1/7.<br>— IMO Res.MSC.98(73) | — EN 60945-1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 60092-504:2016, IEC 60533:2015.<br>And as applicable to:<br>(a) Category 1: (safe area);<br>— EN 50104:2010,<br>— EN 60079-29-1:2016.<br>(b) Category 2: (explosive) | B+D<br>B+F  | 6.7.2021 (II) |

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|   | (FSS Code) 15, IMO MSC.1/Circ.1477, IMO MSC.1/Circ.1581.  | gas atmospheres):  | EN 50104:2010, EN 60079-29-1:2016, EN 60079-0:2012 incl. A11:2013, EN 60079-1:2014, EN 60079-10-1:2015, EN 60079-11:2012, EN 60079-15:2010, EN 60079-26:2015. |           |
| MED/3.30<br>Portable oxygen analysis and gas detection equipment<br>Row 4 of 4<br>(NEW ROW) | Type approval requirements<br>— SOLAS 74 Reg. II-2/4,<br>— SOLAS 74 Reg. VI/3,<br>— SOLAS 74 Reg. XI-1/7.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/4,<br>— SOLAS 74 Reg. VI/3,<br>— SOLAS 74 Reg. XI-1/7.<br>— IMO Res.MSC.98(73) | — EN 60945 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 60092-504:2016, IEC 60533:2015.<br><br>And as applicable to:<br>(a) Category 1: (safe area);<br>(b) Category 2: (explosive) | B+D<br>B+F  | 12.8.2020 |

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|   | (FSS Code)  | 15, IMO MSC.1/Circ.1477, IMO MSC.1/Circ.1581. | gas atmospheres):  | EN 50104:2010, EN 60079-29-1:2016, EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-10-1:2015, EN 60079-11:2012, EN 60079-15:2010, EN 60079-26:2015. |  |  |
| 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. |   |   |  |  |  |  |
| MED/3.32<br>Fire restricting materials (except furniture) for high speed craft<br>Row 1 of 1                                      | Type approval requirements<br>— SOLAS 74 Reg. X/3.<br>Carriage and performance requirements<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br>— IMO MSC.1/Circ.1457. | —   | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  |  |  |
| MED/3.33<br>Fire restricting materials for furniture for  | Type approval requirements<br>— SOLAS 74  | —   | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code),             |  |  |  |

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| high speed craft<br>Row 1 of 1  | <p>Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</p>  | as amended. |  |  |  |
| MED/3.34<br>Fire resisting divisions for high speed craft<br>Row 1 of 1 | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</p> <p>— IMO MSC.1/Circ.1457.</p> | —           | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  |  |
| MED/3.35<br>Fire doors on high speed craft<br>Row 1 of 1                | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. X/3.</p>  | —           | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  |  |

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|   | Carriage and performance requirements<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7. |   |  |  |  |
| MED/3.36<br>Fire dampers on high speed craft<br>Row 1 of 1  | Type approval requirements<br>— SOLAS 74 Reg. X/3.  | — | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  |  |
|   | Carriage and performance requirements<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7. |   |  |  |  |
| MED/3.37a<br>Penetrations through fire resisting divisions on high speed craft:<br>electric cable transits.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. X/3.  | — | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended. |  |  |
|   | Carriage and performance requirements<br>— IMO Res.MSC.36(63)-(1994   |   |  |  |  |

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|  |   | HSC Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7. |  |  |  |
| MED/3.37b Penetrations through fire resisting divisions on high speed craft: pipe, duct, trunk etc. penetrations. Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. X/3.<br>Carriage and performance requirements<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7. | —  | IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.   |  |  |
| MED/3.38 Portable fire-extinguishing equipment for lifeboats and rescue boats Row 1 of 1                                     | Type approval requirements<br>— SOLAS 74 Reg. III/4,<br>— SOLAS 74 Reg. X/3.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. III/34,<br>— IMO Res.A.951(23),          | —<br>—<br>—  | EN B+D 3-7:2004 incl. B+F A1:2007, EN 3-8:2006 incl. AC:2007, EN 3-9:2006 incl. AC:2007, EN 3-10:2009. |  |  |

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|  | —                                     | 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. |  |  |  |
| MED/3.39<br>Nozzles for equivalent water-mist fire extinguishing systems for machinery spaces and cargo pump rooms<br>Row 1 of 1 | Type approval requirements            | —                                     | IMO MSC/B+D<br>MSC/B+E<br>Circ.166F<br>as amended. |  |  |
|  | —                                     | SOLAS 74 Reg. II-2/10,                |  |  |  |
|  | —                                     | SOLAS 74 Reg. X/3,                    |  |  |  |
|  | —                                     | IMO Res.MSC.98(73)-(FSS Code) 7.      |  |  |  |
|  | Carriage and performance requirements |                                       |  |  |  |
|  | —                                     | SOLAS 74 Reg. II-2/10,                |  |  |  |
|  | —                                     | IMO Res.MSC.36(63)-                   |  |  |  |



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|   |  | (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. |                                    |                   |  |
| 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 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. II-2/13, IMO Res.MSC.98(73)-(FSS Code) 11.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/13, IMO Res.A.752(18), IMO Res.MSC.98(73)-(FSS Code) 11. | —<br>—  | IMO Res.A.752(18), ISO 15370:2010. | B+D<br>B+E<br>B+F |  |
| MED/3.41 Emergency escape breathing   | Type approval requirements   | — and alternatively:  | ISO 23269                          | B+D<br>B+E<br>B+F |  |

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| <p>devices<br/>(EEBD)<br/>Row 1 of 1</p>    | <p>— SOLAS<br/>74<br/>Reg.<br/>II-2/13.</p>                | <p>For<br/>self-<br/>contained:<br/>open-<br/>circuit</p>   |                  |  |
|   | <p>Carriage and<br/>performance<br/>requirements</p>       | <p>compressed<br/>air<br/>breathing<br/>apparatus<br/>with<br/>full<br/>mask</p>  |                  |  |
|   | <p>— SOLAS<br/>74<br/>Reg.<br/>II-2/13,</p>                | <p>or<br/>mouthed<br/>piece<br/>assembly<br/>for<br/>escape:<br/>EN<br/>402:2003.</p>   |                  |  |
|   | <p>— IMO<br/>Res.MSC.98(73)-<br/>(FSS<br/>Code)<br/>3,</p> | <p>For<br/>self-<br/>contained<br/>open-<br/>circuit<br/>compressed<br/>air<br/>breathing<br/>apparatus<br/>with<br/>a<br/>hood<br/>for<br/>escape:<br/>EN<br/>1146:2005.</p> |                  |  |
|   | <p>— IMO<br/>MSC/<br/>Circ.849.</p>                        | <p>For<br/>self-<br/>contained:<br/>closed-<br/>circuit<br/>compressed<br/>air<br/>breathing<br/>apparatus:<br/>EN<br/>13794:2002.</p>  |                  |  |
| <p>MED/3.42a<br/>Inert gas<br/>systems:</p> | <p>— Type<br/>approval<br/>requirements</p>                | <p>IMO G<br/>MSC/<br/>Circ.353,</p>   | <p>12.8.2020</p> |  |

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| Whole system.<br>Row 1 of 1<br>(NEW ITEM)   | — SOLAS 74 Reg. II-2/4.<br>Carriage and performance requirements  | — as amended.                      |                              |  |  |
|   | — SOLAS 74 Reg. II-2/4,<br>— IMO Res.A.567(14),<br>— IMO Res.MSC.98(73)-(FSS Code) 15,<br>— IMO MSC/Circ.353,<br>— IMO MSC/Circ.485,<br>— IMO MSC/Circ.731,<br>— IMO MSC/Circ.1120.   |                                    |                              |  |  |
| MED/3.42b<br>Inert gas system:<br>Single components.<br>Note:<br>Equipment regarded as inert gas system components under MED/3.42b are in general:<br>— Inert gas fans/blowers<br>— Inert gas generator | Type approval requirements<br>— SOLAS 74 Reg. II-2/4.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/4,<br>— IMO Res.A.567(14),<br>— IMO Res.MSC.98(73)-(FSS Code) 15,<br>— Inert gas fans/blowers<br>— Inert gas generator | — IMO MSC/Circ.353,<br>as amended. | B+D<br>MSC/B+E<br>Circ.353,F |  |  |

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| <p>— Sea water pumps for scrubber</p> <p>— Deck water seal</p> <p>— Non-return valves</p> <p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 1</p>                  | <p>— IMO MSC/Circ.353,</p> <p>— IMO MSC/Circ.485,</p> <p>— IMO MSC/Circ.731,</p> <p>— IMO MSC/Circ.1120.</p>   |                    |                      |  |                         |
| <p>MED/3.43 Nozzles for deep fat cooking equipment fire extinguishing systems (automatic or manual type).<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 2</p> | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/1,</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/1,</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— IMO Res.MSC.97(73)-(2000</p> | <p>— ISO 15371</p> | <p>B+D B+B9. B+F</p> |  | <p>15.11.2018 (III)</p> |

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|  |  | HSC<br>Code)<br>7,<br>IMO<br>MSC.1/<br>Circ.1433. |   |                                |           |                  |
| MED/3.43<br>Nozzles<br>for deep<br>fat cooking<br>equipment<br>fire<br>extinguishing<br>systems<br>(automatic or<br>manual type).<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/1,<br>SOLAS<br>74<br>Reg.<br>II-2/10,<br>SOLAS<br>74<br>Reg.<br>X/3.<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/1,<br>SOLAS<br>74<br>Reg.<br>II-2/10,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>IMO<br>MSC.1/<br>Circ.1433. | —   | ISO<br>1537   | B+D<br><del>B+E</del> .<br>B+F | 16.3.2017 |                  |
| MED/3.44<br>Fire-fighters<br>outfit –<br>lifeline<br>Row 1 of 2  | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>SOLAS<br>74   | —   | IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>3, as<br>amended,<br>IMO<br>Res.MSC.307(88)-<br>(2010<br>FTP | B+D<br>BCE<br>B+F              |           | 3.9.2022<br>(II) |

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|   | —                          | Reg. X/3, IMO Res.MSC.98(73)-(FSS Code) 3.          | Code), as amended.                                   |  |           |
|   |                            | 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.                    |  |  |           |
| MED/3.44<br>Fire-fighters outfit – lifeline<br>Lifelines for breathing apparatus approved under item MED/3.7 and item MED/7.1<br>Row 2 of 2 | Type approval requirements | —   | IMO B+D Res.MSC.98(73)-(FSS B+F Code) 3, as amended, |  | 13.9.2019 |
|   | —                          | SOLAS 74  |  |  |           |
|   | —                          | Reg. II-2/10, SOLAS 74                              | IMO Res.MSC.307(88)-(2010 FTP Code),                 |  |           |
|   | —                          | Reg. X/3, IMO Res.MSC.98(73)-(FSS Code) 3.          | as amended, ISO 23269-2:2011.                        |  |           |
|   |                            | Carriage and performance requirements               |  |  |           |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   | —  | SOLAS<br>74<br>Reg.<br>II-2/10,  |  |  |  |
|   | —  | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,  |  |  |  |
|   | —  | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,  |  |  |  |
|   | —  | IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>3.  |  |  |  |
| MED/3.45<br>Equivalent<br>fixed gas fire<br>extinguishing<br>systems<br>components<br>(extinguishing<br>medium, head<br>valves and<br>nozzles) for<br>machinery<br>spaces and<br>cargo pump<br>rooms<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>—<br>—<br>—<br>—<br>Carriage and<br>performance<br>requirements<br>—<br>—<br>— | —<br>SOLAS<br>74<br>Reg.<br>II-2/10,<br>SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>5.<br>SOLAS<br>74<br>Reg.<br>II-2/10,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>IMO<br>Res.MSC.97(73)- | IMO B+D<br>MSC/B+E<br>Circ.848,F<br>as<br>amended. |  |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  |                                       | (2000 HSC Code) 7, IMO Res.MSC.98(73)-(FSS Code) 5, IMO MSC/Circ.848, IMO MSC.1/Circ.1313.                             |   |  |  |
| MED/3.46<br>Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems)<br>Row 1 of 1 | Type approval requirements            | —  | IMO B+D MSC/B+E Circ.1B7F incl. Corr.1, as amended. |  |  |
|  | —                                     | 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)- |   |  |  |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|  |  | (FSS Code)<br>5,<br>IMO<br>MSC/<br>Circ.1270<br>incl.<br>Corr.1,<br>IMO<br>MSC.1/<br>Circ.1313. |                           |                   |  |
| MED/3.47<br>Concentrate<br>for fixed high<br>expansion<br>foam fire<br>extinguishing<br>systems for<br>machinery<br>spaces and<br>cargo pump<br>rooms.<br>Note: The<br>fixed high<br>expansion<br>foam fire<br>extinguishing<br>system<br>(including<br>those systems<br>which use<br>inside air<br>from their<br>working<br>spaces for<br>their intended<br>performance),<br>for machinery<br>spaces and<br>cargo pump<br>rooms must<br>still be tested<br>with the<br>approved<br>concentrate<br>to the<br>satisfaction<br>of the<br>Administration.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10.<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>6. | —   | IMO<br>MSC/<br>Circ.600-F | B+D<br>B+E<br>B+F |  |

*Status: Point in time view as at 16/07/2020.**Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>MED/3.48<br/>Fixed water based local application fire-fighting systems components for use in category A machinery spaces (Nozzles and performance tests).<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 1</p> | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/10,<br/>— SOLAS 74 Reg. X/3.<br/>Carriage and performance requirements<br/>— SOLAS 74 Reg. II-2/10,<br/>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</p> | <p>—<br/>—<br/>—<br/>—</p> | <p>IMO<br/>MSC<br/>Circ. 1</p> | <p>B+D<br/>B+E<br/>B+C<br/>B+C</p> |  |                           |
| <p>MED/3.49a<br/>Fixed water-based fire-fighting systems for ro-ro spaces, vehicle spaces and special category spaces: Prescriptive-based systems as per IMO MSC.1/Circ.1430.<br/>Row 1 of 2</p>  | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/19,<br/>— SOLAS 74 Reg. II-2/20,<br/>— SOLAS 74 Reg. X/3,<br/>— IMO Res.MSC.98(73)-(FSS Code) 7.</p>  | <p>—<br/>—<br/>—<br/>—</p> | <p>IMO<br/>MSC<br/>Circ. 1</p> | <p>B+D<br/>B+E<br/>B+C<br/>B+C</p> |  | <p>1.1.2024<br/>(III)</p> |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|  | 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/3.49a<br>Fixed water-based fire-fighting systems for ro-ro spaces, vehicle spaces and special category spaces:<br>Prescriptive-based systems as per IMO MSC.1/Circ.1430, Revision 1.<br>Row 2 of 2 (NEW ROW) | Type approval requirements            | — | IMO MSC.1/Circ.1430, Revision 1.      | B+D<br>B+E<br>B+C | 12.8.2020 |  |
|  | Carriage and performance 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.      |                   |           |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | —                                     | 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 ro-ro spaces, vehicle spaces and special category spaces: Performance-based systems as per IMO MSC.1/Circ. 1430, Row 1 of 2 | Type approval requirements            | —                                     | IMO MSC.1/Circ. 1430 | B+D<br>B+E<br>B+F | 1.1.2021 (III) |
|  | —                                     | 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,                |                      |                   |                |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   | —                                     | 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<br>Fixed water-based firefighting systems for ro-ro spaces, vehicle spaces and special category spaces:<br>Performance-based systems as per IMO MSC.1/Circ. 1430, Revision 1.<br>Row 2 of 2 (NEW ROW) | Type approval requirements            | —                                     | IMO MSC.1/Circ. 1430, Revision 1. | B+D<br>B+E<br>B+C | 12.8.2020 |
|   | —                                     | 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,                |                                   |                   |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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

|   |  |  |                   |                |
|---|--|--|-------------------|----------------|
| MED/3.51a<br>Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br>Control and indicating equipment<br>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br>Row 1 of 3 | Type approval requirements<br>— SOLAS 74 Reg. II-2/7,<br>— SOLAS 74 Reg. X/3,<br>— IMO Res.MSC.98(73)-(FSS Code) 9.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/7,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC | Electrical installations in ships:<br>EN 54-2:1997 incl. AC:1999 and A1:2006.<br>And, as applicable, electrical and installations in ships:<br>— IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011, IEC 60533:1999. | B+D<br>B+E<br>B+F | 1.6.2019 (III) |
|---|--|--|-------------------|----------------|







*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---|-----------------------------|---|--|-------------------|
|   | —   | IMO<br>MSC.1/<br>Circ.1242, |   |  |                   |
|   | —   | IMO<br>MSC.1/<br>Circ.1487, |   |  |                   |
|   | —   | IMO<br>MSC.1/<br>Circ.1528. |   |  |                   |
| MED/3.51b<br>Fixed fire<br>detection and<br>fire alarm<br>systems<br>components<br>for control<br>stations,<br>service<br>spaces,<br>accommodation<br>spaces, cabin<br>balconies,<br>machinery<br>spaces and<br>unattended<br>machinery<br>spaces:<br>Power supply<br>equipment.<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.<br>Row 1 of 3 | Type<br>approval<br>requirements<br>—<br>SOLAS<br>74<br>Reg.<br>II-2/7,<br>—<br>SOLAS<br>74<br>Reg.<br>X/3,<br>—<br>IMO<br>Res.MSC.36(63)-<br>(FSS<br>Code)<br>9.<br>Carriage and<br>performance<br>requirements<br>—<br>SOLAS<br>74<br>Reg.<br>II-2/7,<br>—<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>—<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>—<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>9, | —                           | EN<br>54-4:<br>incl. B+D<br>B+F<br>AC:1999,<br>A1:2002<br>and<br>A2:2006.<br>And, as<br>applicable,<br>electrical and<br>electronic<br>installations<br>MSC.36(63)-<br>IEC<br>60092-504:2001<br>incl.<br>IEC<br>60092-504<br>Corr.1:2011,<br>IEC<br>60533:1999. |  | 1.6.2019<br>(III) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|---|---|---|---|-----------|-------------------|
|   |   | — | IMO<br>MSC.1/<br>Circ.1242.                           |   |           |                   |
| MED/3.51b<br>Fixed fire<br>detection and<br>fire alarm<br>systems<br>components<br>for control<br>stations,<br>service<br>spaces,<br>accommodation<br>spaces, cabin<br>balconies,<br>machinery<br>spaces and<br>unattended<br>machinery<br>spaces:<br>Power supply<br>equipment.<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.<br>Row 2 of 3 | Type<br>approval<br>requirements            | — | EN  | B+D<br>54-4: <del>199E</del><br>incl. B+F                               | 16.3.2017 | 1.1.2020<br>(III) |
|   |   | — | SOLAS<br>74<br>Reg.<br>II-2/7,                        | AC:1999,<br>A1:2002<br>and<br>A2:2006.                                  |           |                   |
|   |   | — | SOLAS<br>74<br>Reg.<br>X/3,                           | and, as<br>applicable,<br>electrical and<br>electronic<br>installations |           |                   |
|   |   | — | IMO<br>Res.MSC.198(673)-<br>(FSS<br>Code)<br>9.       | IEC<br>60092-504:2016,<br>IEC<br>60533:2015.                            |           |                   |
|   | Carriage and<br>performance<br>requirements | — | SOLAS<br>74<br>Reg.<br>II-2/7,                        |   |           |                   |
|   |   | — | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7, |   |           |                   |
|   |   | — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7, |   |           |                   |
|   |   | — | IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>9,         |   |           |                   |
|   |   | — | IMO<br>MSC.1/<br>Circ.1242.                           |   |           |                   |
| MED/3.51b<br>Fixed fire<br>detection and<br>fire alarm<br>systems   | Type<br>approval<br>requirements            | — | EN  | B+D<br>54-4: <del>199E</del><br>incl. B+F                               | 19.6.2018 |                   |
|   |   | — | SOLAS<br>74   | AC:1999,<br>A1:2002   |           |                   |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>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 3 of 3</p> | <p>— Reg. II-2/7, SOLAS 74<br/>— Reg. X/3, IMO Res.MSC.98(73)- (FSS Code) 9.<br/>Carriage and performance requirements<br/>— SOLAS 74<br/>— Reg. II-2/7, IMO Res.MSC.36(63)- (1994 HSC Code) 7,<br/>— IMO Res.MSC.97(73)- (2000 HSC Code) 7,<br/>— IMO Res.MSC.98(73)- (FSS Code) 9,<br/>— IMO Res.MSC.391(95)- (IGF Code) 11,<br/>— IMO MSC.1/ Circ.1242,<br/>— IMO MSC.1/ Circ.1554.</p> | <p>and A2:2006.<br/>And, as applicable, electrical and electronic installations IEC 60092-504:2016, IEC 60533:2015.</p> |                    |  |                       |
| <p>MED/3.51c Fixed fire detection and fire alarm systems components</p>   | <p>Type approval requirements<br/>— SOLAS 74</p>   | <p>— EN 54-5:2000 incl. A1:2002.<br/>And, as applicable,</p>  | <p>B+D<br/>B+F</p> |  | <p>1.6.2019 (III)</p> |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>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 the time of placing on board can still be applied. Row 1 of 4</p> | <p>— Reg. II-2/7, SOLAS 74 X/3, IMO Res. MSC.98(73) (FSS Code) 9.</p> <p>Carriage and performance requirements</p> <p>— 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.</p> | <p>Reg. electrical and electronic installations in ships:</p> <p>— IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011, IEC 60533:1999.</p>             |  |                  |                        |
| <p>MED/3.51c Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and</p>  | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/7, SOLAS 74 X/3, IMO Res. MSC.98(73) (FSS Code) 9, IMO MSC.1/ Circ.1242.</p>   | <p>— EN 54-5:2000 incl. B+D B+F A1:2002. And, as applicable, electrical and electronic installations in ships: IEC 60092-504:2016, IEC 60533:2015.</p> |  | <p>16.3.2017</p> | <p>28.2.2020 (III)</p> |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>unattended machinery spaces:<br/>Heat detectors - Point detectors.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 2 of 4</p>   | <p>Code)<br/>9.<br/>Carriage and performance requirements<br/>— 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.</p> |   |                                       |                  |                        |
| <p>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:<br/>Heat detectors - Point detectors.</p> | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/7, IMO Res.MSC.98(73)-(FSS Code) 9.<br/>Carriage and performance requirements<br/>— SOLAS 74</p>   | <p>— EN 54-5:2014<br/>And, as applicable, electrical and electronic installations on ships:<br/>— IEC 60092-504:2016,<br/>— IEC 60533:2015.</p> | <p>B+D<br/><del>B+E</del><br/>B+F</p> | <p>19.6.2018</p> | <p>12.8.2023 (III)</p> |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 3 of 4</p>   | <p>— 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.</p>  |   |                    |                  |  |
| <p>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.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of</p> | <p>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,</p> | <p>— EN 54-5:2018. And, as applicable, electronic installations in ships: — IEC 60092-504:2016, IEC 60533:2015.</p> | <p>B+D B+E B+F</p> | <p>12.8.2020</p> |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>placing on board can still be applied.<br/>Row 4 of 4 (NEW ROW)</p>  | <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br/>— IMO Res.MSC.98(73)-(FSS Code) 9,<br/>— IMO MSC.1/Circ.1242.</p>  |  |                                       |                        |
| <p>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:<br/>Smoke detectors:<br/>Point detectors using scattered light, transmitted light or ionization.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on</p> | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/7,<br/>— SOLAS 74 Reg. X/3,<br/>— IMO Res.MSC.98(73)-(FSS Code) 9.<br/>Carriage and performance requirements<br/>— SOLAS 74 Reg. II-2/7,<br/>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br/>— IMO Res.MSC.98(73)-(FSS</p> | <p>— EN 54-7:2004 incl. A1:2002 and A2:2006.<br/>And, as applicable, electrical and electronic installations in ships:<br/>IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011,<br/>IEC 60533:1999.</p> | <p>B+D<br/><del>B+C</del><br/>B+F</p> | <p>31.8.2022 (III)</p> |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>board can still be applied.<br/>Row 1 of 2</p>  | <p>Code)<br/>9,<br/>IMO<br/>MSC.1/<br/>Circ.1242.</p>   |  |                                       |                  |  |
| <p>MED/3.51d<br/>Fixed fire<br/>detection and<br/>fire alarm<br/>systems<br/>components<br/>for control<br/>stations,<br/>service<br/>spaces,<br/>accommodation<br/>spaces, cabin<br/>balconies,<br/>machinery<br/>spaces and<br/>unattended<br/>machinery<br/>spaces:<br/>(d) Smoke<br/>detectors:<br/>Point<br/>detectors<br/>using<br/>scattered<br/>light,<br/>transmitted<br/>light or<br/>ionization.<br/>Note: For<br/>products used<br/>as spare parts<br/>of existing<br/>installations<br/>the relevant<br/>standards at<br/>the time of<br/>placing on<br/>board can still<br/>be applied.<br/>Row 2 of 2</p> | <p>Type<br/>approval<br/>requirements<br/>— SOLAS<br/>74<br/>Reg.<br/>II-2/7,<br/>IMO<br/>Res.MSC.36(63)-<br/>(1994<br/>HSC<br/>Code)<br/>7,<br/>IMO<br/>Res.MSC.97(73)-<br/>(2000<br/>HSC<br/>Code)<br/>7,<br/>IMO<br/>Res.MSC.98(73)-<br/>(FSS<br/>Code)<br/>9,<br/>IMO<br/>Res.MSC.391(95)-<br/>(IGF<br/>Code)<br/>11,</p> | <p>— EN<br/>54-7:<br/>2014<br/>And, as<br/>Applicable,<br/>electrical and<br/>electronic<br/>installations<br/>on ships:<br/>— IEC<br/>60092-504:2016,<br/>— IEC<br/>60533:2015.<br/>MSC.98(73)-</p> | <p>B+D<br/><del>B+E</del><br/>B+F</p> | <p>13.9.2019</p> |  |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   | —   | IMO<br>MSC.1/<br>Circ.1242.  |                                  |                    |                   |                   |
| MED/3.51e<br>Fixed fire<br>detection and<br>fire alarm<br>systems<br>components<br>for control<br>stations,<br>service<br>spaces,<br>accommodation<br>spaces, cabin<br>balconies,<br>machinery<br>spaces and<br>unattended<br>machinery<br>spaces:<br>Flame<br>detectors:<br>Point<br>detectors.<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.<br>Row 1 of 3 | Type<br>approval<br>requirements<br>—<br>SOLAS<br>74<br>—<br>SOLAS<br>74<br>—<br>X/3,<br>—<br>IMO<br>Res.(FSS<br>Code)<br>9.<br>—<br>Carriage and<br>performance<br>requirements<br>—<br>SOLAS<br>74<br>Reg.<br>II-2/7,<br>—<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>—<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>—<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>9,<br>—<br>IMO<br>MSC.1/<br>Circ.1242. | —<br>EN<br>54-10<br>incl.<br>A1:2005.<br>—<br>And, as<br>Reg. applicable,<br>II-2/7,electrical and<br>SOLAS Electronic<br>installations<br>in ships:<br>—<br>IEC<br>60092-504:2001<br>incl.<br>IEC<br>60092-504<br>Corr.1:2011,<br>IEC<br>60533:1999.<br>—<br>SOLAS<br>74<br>Reg.<br>II-2/7,<br>—<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>—<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>—<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>9,<br>—<br>IMO<br>MSC.1/<br>Circ.1242. | B+D<br>B002<br>B+F               |                    | 1.6.2019<br>(III) |                   |
| MED/3.51e<br>Fixed fire<br>detection and<br>fire alarm<br>systems   | Type<br>approval<br>requirements<br>—<br>SOLAS<br>74  | —  | EN<br>54-10<br>incl.<br>A1:2005, | B+D<br>B002<br>B+F | 16.3.2017         | 1.1.2020<br>(III) |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br/>Flame detectors:<br/>Point detectors.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 2 of 3</p> | <p>— Reg. II-2/7, SOLAS 74 Reg. X/3, IMO Res.MSC.98(73) (FSS Code) 9.<br/><br/>Carriage and performance requirements<br/>— SOLAS 74 Reg. II-2/7, IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br/>— IMO Res.MSC.98(73)-(FSS Code) 9,<br/>— IMO MSC.1/Circ.1242.</p> | <p>And, as applicable, electrical and electronic installations in ships:<br/>— IEC 60092-504:2016,<br/>— IEC 60533:2015.</p>                               |                                       |                  |  |
| <p>MED/3.51e Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery</p>  | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/7, SOLAS 74 Reg. X/3, IMO Res.MSC.98(73) (FSS</p>   | <p>— EN 54-1010 incl. A1:2005,<br/>And, as applicable, electrical and electronic installations in ships:<br/>— IEC 60092-504:2016,<br/>IEC 60533:2015.</p> | <p>B+D<br/><del>B0E</del><br/>B+F</p> | <p>19.6.2018</p> |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>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 3 of 3</p> | <p>Code)<br/>9.<br/>Carriage and performance requirements<br/>— 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.</p> |   |   |  |                       |
| <p>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:</p>                                    | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/7, SOLAS 74 Reg. X/3, IMO Res.MSC.98(73)(FSS Code) 9.<br/>—</p>   | <p>— EN 54-11 incl. A1:2005. And, as applicable, electronic installations in ships:<br/>— IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011, IEC 60533:1999.</p> | <p>B+D<br/><del>B0E</del><br/>B+F<br/>2005.<br/><br/>60092-504:2001<br/><br/>60092-504<br/>Corr.1:2011,<br/>IEC<br/>60533:1999.</p> |  | <p>1.6.2019 (III)</p> |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>Manual call points.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 1 of 3</p>            | <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</p> <p>— IMO Res.MSC.98(73)-(FSS Code) 9,</p> <p>— IMO MSC.1/Circ.1242.</p> |  |                     |                  |                       |
| <p>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:</p> | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/7, SOLAS 74 Reg. X/3,</p> <p>— IMO Res.MSC.98(73)(FSS Code) 9.</p>  | <p>— EN 54-11 incl. A1:2005.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <p>— IEC 60092-504:2016, IEC 60533:2015.</p> | <p>B+D B001 B+F</p> | <p>16.3.2017</p> | <p>1.1.2020 (III)</p> |
| <p>Manual call points.<br/>Note: For products used as spare parts of existing installations</p>  | <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p>   |  |                     |                  |                       |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>the relevant standards at the time of placing on board can still be applied.<br/>Row 2 of 3</p>  | <p>—</p>   | <p>IMO Res.MSC.36(63)-(1994 HSC Code)</p>  |                             |                  |  |
|   | <p>—</p>   | <p>IMO Res.MSC.97(73)-(2000 HSC Code)</p>  |                             |                  |  |
|   | <p>—</p>   | <p>IMO Res.MSC.98(73)-(FSS Code)</p>   |                             |                  |  |
|   | <p>—</p>   | <p>IMO MSC.1/Circ.1242.</p>  |                             |                  |  |
| <p>MED/3.51f<br/>Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br/>Manual call points.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 3 of 3</p> | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p> <p>— SOLAS 74 Reg. X/3,</p> <p>— IMO Res.MSC.98(73)(FSS Code) 9.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</p> <p>— IMO Res.MSC.97(73)-(2000</p> | <p>— EN 54-11 incl. A1:2005.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <p>— IEC 60092-504:2016, IEC 60533:2015.</p> | <p>B+D<br/>B001<br/>B+F</p> | <p>19.6.2018</p> |  |

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|   |   | — | HSC Code) 7, IMO Res.MSC.98(73)-(FSS Code) 9, IMO Res.MSC.391(95)-(IGF Code) 11, IMO MSC.1/Circ.1242.  |                    |  |                |
| MED/3.51g<br>Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br>Short circuit isolators.<br>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br>Row 1 of 3 | Type approval requirements<br>— SOLAS 74 Reg. II-2/7,<br>— SOLAS 74 Reg. X/3,<br>— IMO Res.MSC.98(73)-(FSS Code) 9.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/7,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7, | — | EN 54-17<br>incl. AC:2007.<br>And, as applicable, electrical and electronic installations in ships:<br>— IEC 60092-504:2001<br>incl. IEC 60092-504 Corr.1:2011,<br>IEC 60533:1999. | B+D<br>B005<br>B+F |  | 1.6.2019 (III) |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   | —                                     | IMO Res.MSC.98(73)-(FSS Code) 9,      |          |   |           |                |
|   | —                                     | IMO MSC.1/Circ.1242.                  |          |   |           |                |
| MED/3.51g<br>Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br>Short circuit isolators.<br>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br>Row 2 of 3 | Type approval requirements            | —                                     | EN 54-17 | B+D<br>B005<br>incl. B+F<br>AC:2007.                                  | 16.3.2017 | 1.1.2020 (III) |
|   | —                                     | SOLAS 74 Reg. II-2/7,                 |          | And, as applicable, electrical and electronic installations in ships: |           |                |
|   | —                                     | SOLAS 74 Reg. X/3,                    |          | IEC 60092-504:2016,   |           |                |
|   | —                                     | IMO Res.MSC.98(73)-(FSS Code) 9.      |          | IEC 60533:2015.   |           |                |
|   | 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.                  |          |   |           |                |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>MED/3.51g<br/>Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br/>Short circuit isolators.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 3 of 3</p> | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/7, — SOLAS 74 Reg. X/3, — IMO Res.MSC.98(73) (FSS Code) 9.</p> <p>Carriage and performance requirements</p> <p>— 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.</p> | <p>— EN 54-17:2005 incl. AC:2007.</p> <p>And, as applicable, electrical and electronic installations in ships: — IEC 60092-504:2016, IEC 60533:2015.</p> | <p>B+D<br/>B005<br/>B+F</p> | <p>19.6.2018</p> |                           |
| <p>MED/3.51h<br/>Fixed fire detection and</p>  | <p>Type approval requirements</p>  | <p>— EN 54-18:2005</p>   | <p>B+D<br/>B005<br/>B+F</p> |                  | <p>1.6.2019<br/>(III)</p> |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: Input/output devices.<br/>                 Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>                 Row 1 of 3</p> | <p>— SOLAS 74 Reg. II-2/7,<br/>                 — SOLAS 74 Reg. X/3,<br/>                 — IMO Res.MSC.98(73) (FSS Code) 9.<br/>                 Carriage and performance requirements<br/>                 — SOLAS 74 Reg. II-2/7,<br/>                 — IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>                 — IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br/>                 — IMO Res.MSC.98(73)-(FSS Code) 9,<br/>                 — IMO MSC.1/Circ.1242.</p> | <p>including AC:2007.<br/>                 And, as applicable, electrical and electronic installations in ships:<br/>                 — IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011,<br/>                 — IEC 60533:1999.</p> |  |                  |                       |
| <p>MED/3.51h Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin</p>  | <p>Type approval requirements<br/>                 — SOLAS 74 Reg. II-2/7,<br/>                 — SOLAS 74 Reg. X/3,</p>   | <p>— EN 54-18 B05 incl. B+F AC:2007.<br/>                 And, as applicable, electrical and electronic installations in ships:<br/>                 — IEC 60092-504:2016,</p>   |  | <p>16.3.2017</p> | <p>1.1.2020 (III)</p> |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>balconies, machinery spaces and unattended machinery spaces:<br/>Input/output devices.<br/>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 2 of 3</p> | <p>— IMO Res.MSC.98(73) (FSS Code) 9.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p> <p>— IMO Res.MSC.36(63)- (1994 HSC Code) 7,</p> <p>— IMO Res.MSC.97(73)- (2000 HSC Code) 7,</p> <p>— IMO Res.MSC.98(73)- (FSS Code) 9,</p> <p>— IMO MSC.1/ Circ.1242.</p> | <p>— IEC 60533:2015.</p>  |                     |                  |  |
| <p>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:<br/>Input/output devices.</p>                               | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p> <p>— SOLAS 74 Reg. X/3,</p> <p>— IMO Res.MSC.98(73) (FSS Code) 9.</p> <p>Carriage and performance requirements</p>   | <p>— EN 54-183005 incl. AC:2007.</p> <p>And, as applicable, electronic installations in ships:</p> <p>— IEC 60092-504:2016, IEC 60533:2015.</p> | <p>B+D B005 B+F</p> | <p>19.6.2018</p> |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| <p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br/>Row 3 of 3</p>   | <p>— SOLAS 74 Reg. II-2/7,<br/>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br/>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,<br/>— IMO Res.MSC.98(73)-(FSS Code) 9,<br/>— IMO Res.MSC.391(95)-(IGF Code) 11,<br/>— IMO MSC.1/Circ.1242.</p> |   |                                  |  |                       |
| <p>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.<br/>Note: For products used as spare parts of existing</p> | <p>Type approval requirements — SOLAS 74 Reg. II-2/7,<br/>— SOLAS 74 Reg. X/3,<br/>— IMO Res.MSC.98(73)(FSS Code) 9.<br/>Carriage and performance requirements — SOLAS 74 Reg. II-2/7,</p>  | <p>— EN 60332-1<br/>— IEC 60092-376:2003,<br/>And, as applicable, electrical and electronic installations in ships:<br/>— IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011,<br/>— IEC 60533:1999.</p> | <p>B+D<br/>B+E:2004,<br/>B+F</p> |  | <p>1.6.2019 (III)</p> |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>installations the relevant standards at the time of placing on board can still be applied. Row 1 of 4</p>  | <p>— 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.</p> |   |                              |                  |                        |
| <p>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 2 of 4</p> | <p>Type approval requirements — SOLAS 74 Reg. II-2/7, — SOLAS 74 Reg. X/3, — IMO Res.MSC.98(73)(FSS Code) 9.</p>                                 | <p>— EN 60332-1-2:2004, — IEC 60092-376:2003. And, as applicable, electrical and electronic installations in ships: — IEC 60092-504:2016, — IEC 60533:2015.</p> | <p>B+D B+E:2004, B+F B+F</p> | <p>16.3.2017</p> | <p>22.5.2020 (III)</p> |
|   | <p>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</p>          |   |                              |                  |                        |

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|--|---------------------------------------|--|---|---|-----------|-----------------|
|  |                                       | HSC Code) 7, IMO Res.MSC.98(73)-(FSS Code) 9, IMO MSC.1/Circ.1242.   |   |   |           |                 |
| MED/3.51i<br>Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br>Cables.<br>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br>Row 3 of 4 | Type approval requirements            | — SOLAS 74 Reg. II-2/7, SOLAS 74 Reg. X/3, IMO Res.MSC.98(73)-(FSS Code) 9.  | EN 60332-1-2:2004 incl. A1:2015, IEC 60092-376:2017.        | B+D B+E:2004 B+F  | 19.6.2018 | 28.3.2021 (III) |
|  | 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. | — IEC 60092-376:2017, IEC 60331-1:2009 or IEC 60331-2:2009. | And, as applicable, electrical and electronic installations in ships: IEC 60092-504:2016, IEC 60533:2015, |           |                 |
|  |                                       | — 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. | — IEC 60092-376:2017, IEC 60331-1:2009 or IEC 60331-2:2009. | And/or: Fire Resistant Cables: IEC 60092-376:2017, IEC 60331-1:2009 or IEC 60331-2:2009.                  |           |                 |
|  |                                       | — 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. | — IEC 60092-376:2017, IEC 60331-1:2009 or IEC 60331-2:2009. | And, as applicable, electrical and electronic installations in ships: IEC 60092-504:2016, IEC 60533:2015, |           |                 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|  | —                                     | IMO Res.MSC.391(95) (IGF Code) 11,    | —  | IEC 60332-1-2:2004 incl. A1:2015.                                     |           |  |
|  | —                                     | IMO MSC.1/Circ.1242.                  |  |   |           |  |
| MED/3.51i<br>Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces:<br>Cables.<br>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br>Row 4 of 4 | Type approval requirements            | —                                     | EN 60332-1-2:2004 incl. B+D B+E:2004 B+F |   | 13.9.2019 |  |
|  | —                                     | SOLAS 74 Reg. II-2/7,                 | —  | A1:2015 and A11:2016, IEC 60092-376:2017.                             |           |  |
|  | —                                     | SOLAS 74 Reg. X/3,                    | —  | And, as applicable, electrical and electronic installations in ships: |           |  |
|  | —                                     | IMO Res.MSC.18(70) (FSS Code) 9.      | —  | IEC 60092-504:2016, IEC 60533:2015.                                   |           |  |
|  | Carriage and performance requirements | —                                     | —  | IEC 60332-1-2:2004 incl. A1:2015.                                     |           |  |
|  | —                                     | SOLAS 74 Reg. II-2/7,                 | —  | And/or: Fire Resistant Cables:  |           |  |
|  | —                                     | IMO Res.MSC.36(63) (1994 HSC Code) 7, | —  | IEC 60092-376:2017, IEC 60331-1:2018 or IEC 60331-2:2018.             |           |  |
|  | —                                     | IMO Res.MSC.97(73) (2000 HSC Code) 7, | —  | And, as applicable, electrical and electronic installations in ships: |           |  |
|  | —                                     | IMO Res.MSC.98(73) (FSS Code) 9,      | —  | IEC 60092-504:2016, IEC 60533:2015, IEC 60332-1-2:2004                |           |  |
|  | —                                     | IMO Res.MSC.391(95) (IGF Code) 11,    | —  | IEC 60332-1-2:2004  |           |  |

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|   | Code)  | incl.   |                      |  |                   |
|   | — 11,<br>IMO<br>MSC.1/<br>Circ.1242.   |   | EN A1:2015.          |  |                   |
| MED/3.52<br>Non-portable and transportable fire extinguishers<br>Row 1 of 2 | Type approval requirements<br>— SOLAS 74 Or:<br>Reg. II-2/10,<br>— SOLAS-<br>74 Or:<br>Reg. X/3.   | — EN 1866-2:2014.<br>— EN 1866-2:2014.<br>— EN 1866-1:2007,<br>— EN 1866-3:2013.<br>— ISO 11601:2008. | B+D<br>B2007,<br>B+F |  | 1.7.2020<br>(III) |
|   | Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/4,<br>— SOLAS 74 Reg. II-2/10,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 7. |   |                      |  |                   |
| MED/3.52<br>Non-portable and transportable fire extinguishers<br>Row 2 of 2 | Type approval requirements<br>— SOLAS 74 Or:<br>Reg. II-2/10,<br>— SOLAS-<br>74 Or:<br>Reg. X/3.   | — EN 1866-2:2014.<br>— EN 1866-2:2014.<br>— EN 1866-1:2007,<br>— EN 1866-3:2013.<br>— ISO 11601:2017. | B+D<br>B2007,<br>B+F |  | 13.9.2019         |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | 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. |  |                   |
| MED/3.53<br>Fire alarm devices –<br>Sounders<br>Row 1 of 3 | Type approval requirements            | — | EN 54-3:2004 incl. B+D                | B+D<br>B+E<br>B+F                      | 1.6.2019<br>(III) |
|  |                                       | — | SOLAS 74 Reg. II-2/7,                 | A1:2002 and A2:2006,                   |                   |
|  |                                       | — | SOLAS 74 Reg. X/3,                    | IEC 60092-504:2001 incl. IEC 60092-504 |                   |
|  |                                       | — | IMO Res.MSC.98(73) (FSS Code) 9.      | IEC Corr.1:2011, IEC 60533:1999.       |                   |
|  | Carriage and performance requirements | — | SOLAS 74 Reg. II-2/7,                 |  |                   |
|  |                                       | — | IMO Res.MSC.36(63)-(1994 HSC          |  |                   |



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|   | Code)<br>7,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>9.<br>— IMO<br>MSC.1/<br>Circ.1242.  |   |                              |           |           |
| MED/3.53<br>Fire alarm<br>devices –<br>Sounders<br>Row 2 of 3 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/7,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>9.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/7,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7, | — EN<br>54-3:<br>— IEC<br>60092-504:2016,<br>— IEC<br>60533:2015. | B+D<br><del>B+E</del><br>B+F | 16.3.2017 | 12.8.2023 |

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|   | —                                     | IMO Res.MSC.98(73)-(FSS Code) 9.      |                             |                              |           |
|   | —                                     | IMO MSC.1/Circ.1242,                  |                             |                              |           |
|   | —                                     | IMO MSC.1/Circ.1487.                  |                             |                              |           |
| MED/3.53<br>Fire alarm devices –<br>Sounders<br>Row 3 of 3<br>(NEW ROW) | Type approval requirements            | —                                     | EN 54-3:2014 incl. A1:2019, | B+D<br><del>B+E</del><br>B+F | 12.8.2020 |
|   | —                                     | SOLAS 74 Reg. II-2/7,                 | IEC 60092-504:2016,         |                              |           |
|   | —                                     | SOLAS 74 Reg. X/3,                    | IEC 60533:2015.             |                              |           |
|   | —                                     | 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.      |                             |                              |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   | —                                     | IMO MSC.1/Circ.1242,                                   |   |                                 |           |                |
|   | —                                     | IMO MSC.1/Circ.1487.                                   |   |                                 |           |                |
| MED/3.54<br>Fixed oxygen analysis and gas detection equipment<br>Row 1 of 4 | Type approval requirements            | —  | IEC 60092-504 incl. IEC 60092-504 Corr.1:2011, IEC 60533:1999.              | B+D<br>B+F                      |           | 1.6.2019 (III) |
|   | —                                     | SOLAS 74 Reg. II-2/4, —                                |   |                                 |           |                |
|   | —                                     | SOLAS 74 Reg. VI/3. (a)                                | And, as applicable, to: Category 4: (safe area),                            |                                 |           |                |
|   | Carriage and performance requirements |  |   |                                 |           |                |
|   | —                                     | SOLAS 74 Reg. II-2/4, —                                |   | EN 50104:2010.                  |           |                |
|   | —                                     | SOLAS 74 Reg. VI/3, —                                  |   | EN 50104:2010,                  |           |                |
|   | —                                     | IMO Res.MSC.98(73)- (FSS Code) 15, —                   |   | EN 60079-0:2012 incl. A11:2013, |           |                |
|   | —                                     | for combined O <sub>2</sub> /HC systems, additionally: |   | EN 60079-29-1:2007.             |           |                |
|   | —                                     | IMO MSC.1/Circ.1370.                                   | For combined O <sub>2</sub> /HC systems, additionally: IMO MSC.1/Circ.1370. |                                 |           |                |
| MED/3.54<br>Fixed oxygen analysis and gas detection equipment<br>Row 2 of 4 | Type approval requirements            | —  | IEC 60092-504 incl. IEC 60533:2015.   | B+D<br>B+F                      | 16.3.2017 | 3.6.2020 (III) |
|   | —                                     | SOLAS 74 Reg. II-2/4, —                                |   |                                 |           |                |
|   | —                                     | SOLAS 74 Reg. VI/3. (a)                                | And as applicable to: Category 4:   |                                 |           |                |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   | Reg. VI/3.   | (safe area),                                   | EN 50104:2010.   |           |                 |
|   | Carriage and performance requirements  | (b)  | Category 3: (explosive gas atmospheres),                           |           |                 |
|   | — SOLAS 74 Reg. II-2/4, SOLAS 74 Reg. VI/3, IMO Res.MSC.98(73)- (FSS Code) 15, for combined O <sub>2</sub> /HC systems additionally: IMO MSC.1/ Circ.1370. | —  | EN 50104:2010, EN 60079-0:2012 incl. A11:2013, EN 60079-29-1:2007. |           |                 |
| MED/3.54 Fixed oxygen analysis and gas detection equipment Row 3 of 4 | Type approval requirements   | —  | IEC 60092-501:2016, IEC 60533:2015.                                | 19.6.2018 | 12.8.2023 (III) |
|   | — SOLAS 74 Reg. II-2/4, SOLAS 74 Reg. VI/3.  | And as applicable to: Category 4: (safe area), | EN 50104:2010.   |           |                 |
|   | Carriage and performance requirements  | (b)  | Category 3: (explosive gas atmospheres),                           |           |                 |
|   | — SOLAS 74 Reg. II-2/4, SOLAS 74 Reg. VI/3, IMO Res.MSC.98(73)-  | —  | EN 50104:2010, EN 60079-0:2012 incl. A11:2013, EN 60079-29-1:2016. |           |                 |

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*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  |  | (FSS Code) 15, for combined O <sub>2</sub> /HC systems additionally:<br>IMO MSC.1/Circ.1370.  | For combined O <sub>2</sub> /HC systems, additionally:<br>IMO MSC.1/Circ.1370.                                   |                 |  |
| MED/3.54<br>Fixed oxygen analysis and gas detection equipment Row 4 of 4 (NEW ROW) | Type approval requirements<br>— SOLAS 74 Reg. II-2/4,(a)<br>— SOLAS 74 Reg. VI/3.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/4,<br>— SOLAS 74 Reg. VI/3,<br>— IMO Res. MSC 98(73)-(FSS Code) 15, for combined O <sub>2</sub> /HC systems additionally:<br>— IMO MSC.1/Circ.1370. | — IEC 60092-5-04:2016,<br>— IEC 60533:2015.<br>And as applicable to:<br>Category 4: (safe area),<br>— EN 50104:2010.<br>(b) Category 3: (explosive gas atmospheres),<br>— EN 50104:2010,<br>— EN IEC 60079-0:2018,<br>— EN 60079-29-1:2016. | IEC B+D 60092-5-04:2016,<br>IEC B+F 60533:2015.<br>EN 50104:2010,<br>EN IEC 60079-0:2018,<br>EN 60079-29-1:2016. | 12.8.2020       |  |
| MED/3.55<br>Dual purpose type nozzles  | Type approval requirements   | — Handheld branch   | B+B+D B+E B+F  | 12.8.2023 (III) |  |

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| <p>(spray/jet type)<br/>Row 1 of 2</p> | <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p>  | <p>pipes for fire service use - Combination branch</p>  |   |  |  |
|  | <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— IMO Res.MSC.36(63) (1994 HSC Code) 7,</p> <p>— IMO Res.MSC.97(73) (2000 HSC Code) 7.</p> | <p>pipes PN 16: EN 15182-1:2007 incl. A1:2009, EN 15182-2:2007 incl. A1:2009. Hand-held branch pipes for fire service use - Smooth bore jet and/or one fixed spray jet angle branch</p> | <p>pipes PN 16: EN 15182-1:2007 incl. A1:2009, EN 15182-3:2007 incl. A1:2009.</p> |  |  |

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| MED/3.55<br>Dual purpose<br>type nozzles<br>(spray/jet<br>type)<br>Row 2 of 2<br>(NEW ROW)  | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>SOLAS<br>74<br>Reg.<br>X/3.   | —           | Hand-<br>held<br>branch<br>pipes<br>for<br>fire<br>service<br>use<br>-<br>Combination<br>branch<br>pipes<br>PN<br>16:<br>EN<br>15182-1:2019,<br>EN<br>15182-2:2019.   | B+D<br>B+E<br>B+F | 12.8.2020 |  |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>7,<br>— IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>7. | —<br>—<br>— | Hand-<br>held<br>branch<br>pipes<br>for<br>fire<br>service<br>use<br>Smooth<br>bore<br>jet<br>and/<br>or<br>one<br>fixed<br>spray<br>jet<br>angle<br>branch<br>pipes<br>PN<br>16:<br>EN<br>15182-1:2019,<br>EN<br>15182-3:2019. |                   |           |  |
| MED/3.56<br>Fixed<br>firefighting<br>hose systems<br>Hose reels<br>with semi-<br>rigid hose | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,  | —           | EN<br>671-1   | B+D<br>B+E<br>B+F |           |  |

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| Row 1 of 1   | — SOLAS<br>74<br>Reg.<br>X/3.   |   |                          |                   |  |
|  | Carriage and<br>performance<br>requirements                           |   |                          |                   |  |
|  | — SOLAS<br>74<br>Reg.<br>II-2/10,                                     |   |                          |                   |  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>7,               |   |                          |                   |  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>7.               |   |                          |                   |  |
| MED/3.57<br>Medium<br>Expansion<br>Foam Fire<br>Extinguishing<br>Systems<br>components<br>- Fixed Deck<br>Foam for<br>Tankers<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10. | — | IMO<br>MSC/<br>Circ. 788 | B+D<br>B+E<br>B+F |  |
|  | Carriage and<br>performance<br>requirements                           |   |                          |                   |  |
|  | — SOLAS<br>74<br>Reg.<br>II-2/10.8.1,                                 |   |                          |                   |  |
|  | — IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>14,                      |   |                          |                   |  |
|  | — IMO<br>MSC/<br>Circ.1239,   |   |                          |                   |  |
|  | — IMO<br>MSC.1/<br>Circ.1276.   |   |                          |                   |  |
| MED/3.58<br>Fixed Low<br>Expansion   | Type<br>approval<br>requirements                                      | — | IMO<br>MSC/<br>Circ.1276 | B+D<br>B+E<br>B+F |  |



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| Foam Fire Extinguishing Systems Components for Machinery Spaces and Tanker Deck Protection<br>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br>Row 1 of 1 | — | SOLAS-74 Reg. II-2/10.                | IMO MSC.1/Circ.1312/Corr.1. |                   |  |
|   |   | Carriage and performance requirements |                             |                   |  |
| MED/3.59 Expansion Foam for Fixed Fire Extinguishing Systems for Chemical Tankers<br>Row 1 of 1   | — | SOLAS-74 Reg. II-2/1,                 | IMO MSC.1/Circ.1312/Corr.1. | B+D<br>B+E<br>B+F |  |
|   | — | IMO Res.MSC.4(48)-(IBC Code) 11.      |                             |                   |  |
|   | — | IMO Res.MSC.4(48)-(IBC Code) 11,      |                             |                   |  |
|   | — | IMO MSC/Circ.553.                     |                             |                   |  |

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| MED/3.60<br>Nozzles for<br>fixed pressure<br>water-<br>spraying fire-<br>extinguishing<br>systems<br>for cabin<br>balconies<br>Row 1 of 1  | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>7.  | — | IMO B+D<br>MSC. B+E<br>Circ. 1368 |  |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>7,<br>— IMO<br>MSC.1/<br>Circ.1313.  |   |                                   |  |  |
| MED/3.61a<br>Inside<br>air high<br>expansion<br>foam systems<br>for the<br>protection of<br>machinery<br>spaces, cargo<br>pump rooms,<br>vehicle and<br>ro-ro spaces,<br>special<br>category<br>spaces and<br>cargo spaces<br>Note: Inside/<br>Outside<br>air high<br>expansion<br>foam systems<br>for the<br>protection of<br>machinery | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10.<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/10,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>6,<br>— IMO<br>MSC.1/<br>Circ.1528. | — | IMO B+D<br>MSC. B+E<br>Circ. 1368 |  |  |

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|---|---|---|-------------------|------------------------------|--|
| 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.<br>Row 1 of 1   |   |   |                   |                              |  |
| MED/3.61b<br>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<br>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 | Type approval requirements<br>— SOLAS 74 Reg. II-2/10.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/10,<br>— IMO Res.MSC.98(73)-(FSS Code) 6,<br>— IMO MSC.1/Circ.1528. | — | IMO MSC Circ.1528 | B+D<br>B+E<br><del>B+F</del> |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| concentrate to the satisfaction of the Administration.<br>Row 1 of 1  |   |                        |  |   |                |
| MED/3.62<br>Dry chemical powder extinguishing systems<br>Row 1 of 1   | Type approval requirements<br>— SOLAS 74 Reg. II-2/1.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/1.<br>— IMO Res.MSC.5(48)-(IGC Code) 11,<br>— IMO Res.MSC.391(95)-(IGF Code) 11. | —                      | IMO MSC.1<br>B+C<br>B+D<br>B+E<br>B+F  |   |                |
| MED/3.63<br>Sample extraction smoke detection systems components<br>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied.<br>Row 1 of 3 | Type approval requirements<br>— SOLAS 74 Reg. II-2/7,<br>— SOLAS 74 Reg. II-2/19,<br>— SOLAS 74 Reg. II-2/20.<br><br>Carriage and performance requirements<br>— SOLAS 74                                    | —<br><br>And for:<br>— | IMO Res.MSC.108(73)-(FSS Code) 10.<br><br>Control and indicating equipment.<br>Electrical installations in ships:<br>— | B+D<br>B+C<br>B+E<br>B+F<br><br>EN 54-2:1997 incl. AC:1999 and A1:2006. | 1.6.2019 (III) |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   |  | <p>Reg. — Power<br/>II-2/7, supply<br/>SOLAS equipment:<br/>74 — EN<br/>Reg. 54-4:1997<br/>II-2/19, incl.<br/>SOLAS AC:1999,<br/>74 A1:2002<br/>Reg. and<br/>II-2/20, A2:2006.<br/>IMO — Aspiring<br/>Res.MSC.98(73) smoke<br/>(FSS detectors:<br/>Code) — EN<br/>10. 54-20:2006<br/>incl.<br/>AC:2008.</p> <p>And, as<br/>applicable,<br/>electrical and<br/>electronic<br/>installations<br/>in ships:<br/>— IEC<br/>60092-504:2001<br/>incl.<br/>IEC<br/>60092-504<br/>Corr.1:2011,<br/>— IEC<br/>60533:1999.</p> <p>And, as<br/>applicable<br/>for explosive<br/>atmospheres:<br/>— EN<br/>60079-0:2012<br/>incl.<br/>A11:2013.</p> |   |           |                    |
| MED/3.63<br>Sample<br>extraction<br>smoke<br>detection<br>systems<br>components<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg. —<br>II-2/7,<br>— SOLAS<br>74<br>Reg. —<br>II-2/19,<br>— SOLAS<br>74 | —<br>And for:   | IMO B+D<br>Res.MSC.98(73)-<br>(FSS B+F<br>Code)<br>10.<br>Control<br>and<br>indicating<br>equipment.<br>Electrical<br>installations | 19.6.2018 | 12.8.2023<br>(III) |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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| standards at the time of placing on board can still be applied. Row 2 of 3            | Reg. II-2/20.                                   | in ships:   |  |           |  |
|   | Carriage and performance requirements           | —   | EN 54-2:1997 incl. AC:1999 and A1:2006.          |           |  |
| —   | SOLAS 74  | —   | Power supply equipment:                          |           |  |
| —   | Reg. II-2/7, SOLAS 74                           | —   | EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006. |           |  |
| —   | Reg. II-2/19, SOLAS 74                          | —   | EN 54-20:2006 incl. AC:2008.                     |           |  |
| —   | Reg. II-2/20, IMO Res.MSC.98(73) (FSS Code) 10. | Aspirating smoke detectors:   | 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 60079-0:2012 incl. A11:2013.                                       |  |           |  |
| MED/3.63 Sample extraction smoke detection systems components Note: For products used | Type approval requirements                      | —   | IMO B+D Res.MSC.98(73)- (FSS B+F Code) 10.       | 12.8.2020 |  |
| —   | SOLAS 74  | And for:  | Control and indicating                           |           |  |
| —   | Reg. II-2/7, SOLAS 74                           | —   |  |           |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| <p>as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 3 of 3 (NEW ROW)</p> | <p>— Reg. II-2/19, SOLAS 74 Reg. II-2/20.<br/>— 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.<br/>— Type approval requirements SOLAS 74 Reg. II-2/3.10.</p> | <p>equipment. Electrical installations in ships:<br/>— EN 54-2:1997 incl. AC:1999 and A1:2006.<br/>— Power supply equipment:<br/>— EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006.<br/>— Aspiring smoke detectors:<br/>— EN 54-20:2006 incl. AC:2008.<br/>— And, as applicable, electrical and electronic installations in ships:<br/>— IEC 60092-504:2016,<br/>— IEC 60533:2015.<br/>— And, as applicable for explosive atmospheres:<br/>— EN IEC 60079-0:2018.</p> | <p>equipment. Electrical installations in ships:<br/>— EN 54-2:1997 incl. AC:1999 and A1:2006.<br/>— Power supply equipment:<br/>— EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006.<br/>— Aspiring smoke detectors:<br/>— EN 54-20:2006 incl. AC:2008.<br/>— And, as applicable, electrical and electronic installations in ships:<br/>— IEC 60092-504:2016,<br/>— IEC 60533:2015.<br/>— And, as applicable for explosive atmospheres:<br/>— EN IEC 60079-0:2018.</p> | <p>EN 54-2:1997 incl. AC:1999 and A1:2006.<br/>EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006.<br/>EN 54-20:2006 incl. AC:2008.<br/>IEC 60092-504:2016,<br/>IEC 60533:2015.<br/>EN IEC 60079-0:2018.</p> |  |  |
| <p>MED/3.64 C class divisions Row 1 of 1</p>  | <p>—</p>  | <p>—</p>  | <p>IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.</p>   | <p>IMO B+D Res.MSC.307(88)-(2010 B+F FTP Code), as amended.</p>   |  |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                       |   |                                   |   |           |                 |
|--|---------------------------------------|---|-----------------------------------|---|-----------|-----------------|
|  | 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.               |   |           |                 |
| MED/3.65<br>Fixed hydrocarbon gas detection system<br>Row 1 of 4 | Type approval requirements            | — | IMO B+D MSC B+E Circ. 1776        |   |           | 1.6.2019 (III)  |
|  |                                       | — | SOLAS 74 Reg. II-2/4.             | EN 60079-0:2012 incl. A11:2013, EN 60079-29-1:2007, IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011, IEC 60533:1999. |           |                 |
|  | Carriage and performance requirements | — | IMO Res.MSC.98(73) (FSS Code) 16, |   |           |                 |
|  |                                       | — | IMO MSC.1/ Circ.1370.             |   |           |                 |
| MED/3.65<br>Fixed hydrocarbon gas detection system<br>Row 2 of 4 | Type approval requirements            | — | IMO B+D MSC B+E Circ. 1776        |   | 16.3.2017 | 21.7.2019 (III) |
|  |                                       | — | SOLAS 74 Reg. II-2/4.             | EN 60079-0:2012 incl. A11:2013, EN 60079-29-1:2007, IEC 60092-504:2016,   |           |                 |
|  | Carriage and performance requirements | — | IMO Res.MSC.98(73) (FSS Code) 16, |   |           |                 |
|  |                                       | — | IMO MSC.1/ Circ.1370.             |   |           |                 |



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*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |  |  |   |           |                     |
|--|--|--|---|-----------|---------------------|
|  | —  | SOLAS-<br>74<br>Reg.<br>II-2/4,<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>16,<br>IMO<br>MSC.1/<br>Circ.1370. | IEC<br>60533:2015.  |           |                     |
| MED/3.65<br>Fixed<br>hydrocarbon<br>gas detection<br>system<br>Row 3 of 4              | Type<br>approval<br>requirements<br>—<br>SOLAS-<br>74<br>Reg.<br>II-2/4.<br><br>Carriage and<br>performance<br>requirements<br>—<br>SOLAS<br>74<br>Reg.<br>II-2/4,<br>IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>16,<br>IMO<br>MSC.1/<br>Circ.1370,<br>IMO<br>MSC.1/<br>Circ.1527. | —<br><br>—<br><br>—<br><br>—<br><br>—<br><br>—   | IMO B+D<br>MSC B+E<br>Circ.1570<br>EN<br>60079-0:2012<br>incl.<br>A11:2013,<br>EN<br>60079-29-1:2016,<br>IEC<br>60092-504:2016,<br>IEC<br>60533:2015. | 19.6.2018 | 12.8.2023.<br>(III) |
| MED/3.65<br>Fixed<br>hydrocarbon<br>gas detection<br>system<br>Row 4 of 4<br>(NEW ROW) | Type<br>approval<br>requirements<br>—<br>SOLAS-<br>74<br>Reg.<br>II-2/4.<br><br>Carriage and<br>performance<br>requirements<br>—<br>SOLAS<br>74<br>Reg.<br>II-2/4,   | —<br><br>—<br><br>—<br><br>—<br><br>—  | IMO B+D<br>MSC B+E<br>Circ.1570<br>EN<br>IEC<br>60079-0:2018,<br>EN<br>60079-29-1:2016,<br>IEC<br>60092-504:2016,<br>IEC<br>60533:2015.               | 12.8.2020 |                     |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |                                   |                              |                   |           |                |
|---|---|-----------------------------------|------------------------------|-------------------|-----------|----------------|
|   | —   | IMO Res.MSC.98(73)-(FSS Code) 16, |                              |                   |           |                |
|   | —   | IMO MSC.1/Circ.1370,              |                              |                   |           |                |
|   | —   | IMO MSC.1/Circ.1527.              |                              |                   |           |                |
| MED/3.66<br>Evacuation guidance systems used as an alternative to low-location lighting systems<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. II-2/13.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/13,<br>— IMO MSC.1/Circ.1168. | —                                 | IMO MSC.1/Circ.1168.         | B+D<br>B+E<br>B+F |           |                |
| MED/3.67<br>Helicopter facility foam fire-fighting appliances<br>Row 1 of 2                                   | Type approval requirements<br>— SOLAS 74 Reg. II-2/18.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-2/18,<br>— IMO MSC.1/Circ.1431. | —                                 | EN 13565-1<br>incl. A1:2007. | B+D<br>B+E<br>B+F | 16.3.2017 | 12.8.2023 (II) |
| MED/3.67<br>Helicopter facility foam fire-fighting appliances   | Type approval requirements<br>— SOLAS 74  | —                                 | EN 13565-1                   | B+D<br>B+E<br>B+F | 12.8.2020 |                |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |              |                              |                    |
|---|--|---|--------------|------------------------------|--------------------|
| Row 2 of 2<br>(NEW ROW)   | Reg.<br>II-2/18.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/18,<br>— IMO<br>Res.MSC.98(73)-<br>(FSS<br>Code)<br>17. |   |              |                              |                    |
| MED/3.68<br>Galley<br>Exhaust Duct<br>Fixed Fire<br>Extinguishing<br>Systems<br>components<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9.  | — | ISO<br>15371 | B+D<br><del>B+D</del><br>B+F | 30.4.2018<br>(III) |
| MED/3.68<br>Galley<br>Exhaust Duct<br>Fixed Fire<br>Extinguishing<br>Systems<br>components<br>Note: For<br>products used<br>as spare parts<br>of existing<br>installations<br>the relevant<br>standards at<br>the time of<br>placing on<br>board can still<br>be applied.               | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>II-2/9.  | — | ISO<br>15371 | B+D<br><del>B+D</del><br>B+F | 16.3.2017          |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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

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

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

#### 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 |
|--|---|---|---|-----------------------------|-----------------------|
| 1  | 2   | 3   | 4   | 5                           | 6                     |
| MED/4.1<br>Magnetic compass<br>Class A for ships<br>Row 1 of 3 | <p>Type approval requirements</p> <p>— SOLAS 74 Reg. V/18, — SOLAS 74 Reg. X/3.</p> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. V/19, — IMO Res.A.382(X), — IMO Res.A.694(17), — IMO Res.MSC.36(63)-(1994</p> | <p>—</p> <p>—</p> <p>Or: —</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> | <p>ISO 1069:1973, B+D</p> <p>ISO 25862:2009, B+F</p> <p>EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</p> <p>ISO 1069:1973,</p> <p>ISO 25862:2009, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</p> |                             | 29.8.2021 (I)         |

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|   |  | HSC Code) 13, IMO Res.MSC.97(73)-(2000 HSC Code) 13, IMO Res.MSC.302(87).   |                            |           |                  |  |
| MED/4.1<br>Magnetic compass Class A for ships<br>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.<br>Row 2 of 3 | Type approval requirements<br>— SOLAS 74 Reg. V/18, SOLAS 74 Reg. X/3,<br>Carriage and performance requirements<br>— 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 25862:2009, EN 60945:2002 incl. IEC 60945 Corr. 1:2008.<br>Or:<br>— ISO 1069:1973, ISO 25862:2009, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.<br>Note: And where IMO Res.MSC.302(87):<br>— EN 61162 series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN IEC 61162-450:2018, | B+D<br>B+D<br>B+F<br>2009, | 13.9.2019 | 12.8.2023<br>(I) |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|---|-------------------------|---|--|-----------|
|  |   | —                       | EN<br>IEC<br>62923-1:2018,  |  |           |
|  |   | —                       | EN<br>IEC<br>62923-2:2018.  |  |           |
|  |   | Or:                     |   |  |           |
|  |   | —                       | IEC<br>61162<br>series:   |  |           |
|  |   |                         |   | IEC<br>61162-1:2016  |           |
|  |   |                         |   | IEC<br>61162-2<br>Ed.1.0:1998-09   |           |
|  |   |                         |   | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07 |           |
|  |   |                         |   | IEC<br>61162-450:2018,   |           |
|  |   | —                       | IEC<br>62923-1:2018,  |  |           |
|  |   | —                       | IEC<br>62923-2:2018.  |  |           |
|  |   |                         | End of Note<br>on IMO<br>Res.MSC.302(87)  |  |           |
| MED/4.1<br>Magnetic<br>compass<br>Class A for<br>ships<br>Note: IMO<br>Res.MSC.302(87)<br>only applies<br>when the<br>equipment<br>can raise and<br>electronically<br>send (an)<br>alert(s) to a<br>third piece of<br>equipment. | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74 | —<br>—<br>Or:<br>—<br>— | ISO B+D<br>1069:1973,<br>ISO B+F<br>25862:2019,<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008.<br>ISO<br>1069:1973,<br>ISO<br>25862:2019, |  | 12.8.2020 |



Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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| Row 3 of 3<br>(NEW ROW) | — | Reg. V/19, IMO Res.A.382(X), IMO Res.A.694(17), Corr. IMO Res.MSC.36(61)- (1994 where IMO HSC Code) 13, IMO Res.MSC.302(87). | — | IEC 60945:2002 incl. IEC 60945 1:2008. EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN 61162-450:2018, EN 62923-1:2018, EN 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, |
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*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|----------------------------------|---|--|---|-----------|------------------|
|  |                                  | — | IEC<br>62923-1:2018,<br>—<br>IEC<br>62923-2:2018.<br>End of Note<br>on IMO<br>Res.MSC.302(87)  |   |           |                  |
| MED/4.2<br>Transmitting<br>heading<br>device THD<br>(magnetic<br>method)<br>Row 1 of 2 | Type<br>approval<br>requirements | — | ISO B+D<br>22090-1:2014,<br>—<br>EN B+F<br>60945:2002<br>incl.<br>IEC<br>60945<br>—<br>SOLAS<br>74<br>Reg.<br>V/18,<br>—<br>SOLAS<br>74<br>Reg.<br>V/19,<br>—<br>SOLAS<br>74<br>Reg.<br>X/3,<br>—<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>—<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.<br>—<br>Carriage and<br>performance<br>requirements | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011<br>+A1:2016,<br>EN<br>62288:2014.<br>—<br>ISO<br>22090-2:2014,<br>—<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>—<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2 | 19.6.2018 | 29.8.2021<br>(I) |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  |                                       | HSC Code) 13, IMO Res.MSC.116(73), IMO Res.MSC.191(79), IMO Res.MSC.302(87).   |   | Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450 Ed.1.0:2011-06 with A1:2016, IEC 62288 Ed. 2.0:2014-07. |  |
| 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 B+B, EN 60945-2:2002 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 62288:2014, IEC 62923-1:2018, EN IEC 62923-2:2018. | 13.9.2019  |  |
|  | Carriage and performance requirements | — SOLAS 74 Reg. V/19, Qr:  | — ISO 22090-2:2014,   |  |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|                                 | —                                     | IMO Res.A.694(17), 60945:2002          | — | IEC incl. IEC 60945  |           |               |
|                                 | —                                     | IMO Res.MSC.36(63) (1994 HSC Code) 13, | — | IEC Corr. 1:2008, IEC 61162  |           |               |
|                                 | —                                     | IMO Res.MSC.97(73) (2000 HSC Code) 13, | — | IEC series: IEC 61162-1:2016   |           |               |
|                                 | —                                     | IMO Res.MSC.116(73),                   | — | IEC 61162-2 Ed.1.0:1998-09   |           |               |
|                                 | —                                     | IMO Res.MSC.191(79),                   | — | IEC 61162-3 Ed.1.2   |           |               |
|                                 | —                                     | IMO Res.MSC.302(87).                   | — | Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, |           |               |
|                                 | —                                     |  | — | IEC 62288 Ed. 2.0:2014-07,   |           |               |
|                                 | —                                     |  | — | IEC 62923-1:2018,  |           |               |
|                                 | —                                     |  | — | IEC 62923-2:2018.  |           |               |
| MED/4.3 Gyro compass Row 1 of 2 | Type approval requirements            | — SOLAS 74 Reg. V/18.                  | — | ISO B+D 8728:2014, EN B+F 60945:2002                                       | 19.6.2018 | 29.8.2021 (I) |
|                                 | Carriage and performance requirements | — SOLAS 74 Reg. V/19,                  | — | incl. IEC 60945 Corr. 1:2008, EN 61162 series: EN 61162-1:2016             |           |               |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                                  |     |   |  |           |
|--|----------------------------------|-----|---|--|-----------|
|  |                                  | —   | IMO<br>Res.A.424(XI),                     | EN<br>61162-2:1998   |           |
|  |                                  | —   | IMO<br>Res.A.694(17),                     | EN<br>61162-3:2008   |           |
|  |                                  | —   | IMO<br>Res.MSC.191(79),                   | +A1:2010+A2:2014   |           |
|  |                                  | —   | IMO<br>Res.MSC.302(87)                    | EN<br>61162-450:2011+A1:2016,  |           |
|  |                                  |     | 62288:2014.                               |  |           |
|  |                                  | Or: |   |  |           |
|  |                                  | —   | ISO<br>8728:2014,                         |  |           |
|  |                                  | —   | IEC<br>60945:2002                         |  |           |
|  |                                  |     | incl.<br>IEC<br>60945<br>Corr.<br>1:2008, |  |           |
|  |                                  | —   | IEC<br>61162<br>series:                   |  |           |
|  |                                  |     |   | IEC<br>61162-1:2016  |           |
|  |                                  |     |   | IEC<br>61162-2<br>Ed.1.0:1998-09   |           |
|  |                                  |     |   | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07 |           |
|  |                                  |     |   | IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016,   |           |
|  |                                  | —   | IEC<br>62288<br>Ed.<br>2.0:2014-07.       |  |           |
| MED/4.3<br>Gyro<br>compass<br>Row 2 of 2 | Type<br>approval<br>requirements | —   | ISO<br>8728:2014,                         | B+D<br>B+E,  | 13.9.2019 |
|  |                                  | —   | EN<br>60945:2002                          | B+F<br>B   |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---|---|---|--|
| — | SOLAS<br>74<br>Reg.<br>V/18.                | incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series: |   |  |
|   | Carriage and<br>performance<br>requirements |   |   |  |
| — | SOLAS<br>74<br>Reg.<br>V/19,                |   | EN<br>61162-1:2016  |  |
| — | IMO<br>Res.A.424(XI),                       |   | EN<br>61162-2:1998  |  |
| — | IMO<br>Res.A.694(17),                       |   | EN<br>61162-3:2008<br>+A1:2010+A2:2014                                  |  |
| — | IMO<br>Res.MSC.191(79),                     |   | EN<br>IEC<br>61162-450:2018,  |  |
| — | IMO<br>Res.MSC.302(87)                      | EN<br>62288:2014,   |   |  |
| — |   | EN<br>IEC<br>62923-1:2018,  |   |  |
| — |   | EN<br>IEC<br>62923-2:2018.  |   |  |
|   | Or:   |   |   |  |
| — |   | ISO<br>8728:2014,   |   |  |
| — |   | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,      |   |  |
| — |   | IEC<br>61162<br>series:   |   |  |
|   |   |   | IEC<br>61162-1:2016   |  |
|   |   |   | IEC<br>61162-2<br>Ed.1.0:1998-09  |  |
|   |   |   | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11 |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   |  |       |  | and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,   |           |                  |
|   |  | —     | IEC<br>62288<br>Ed.<br>2.0:2014-07,  |   |           |                  |
|   |  | —     | IEC<br>62923-1:2018,   |   |           |                  |
|   |  | —     | IEC<br>62923-2:2018.   |   |           |                  |
| MED/4.4, Radar equipment – item moved to MED/4.34, MED/4.35 and MED/4.36. |  |       |  |   |           |                  |
| MED/4.5, Automatic radar plotting aid (ARPA) – item moved to MED/4.34.    |  |       |  |   |           |                  |
| MED/4.6<br>Echo-sounding<br>equipment<br>Row 1 of 2                       | Type approval requirements                               | —     | EN<br>ISO<br>9875:2000<br>incl. G<br>ISO<br>Technical<br>Corr.<br>1:2006,<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series: | B+D<br>B+E  | 19.6.2018 | 29.8.2021<br>(I) |
|   | — SOLAS<br>74<br>Reg.<br>V/18,                           |       |  |   |           |                  |
|   | — SOLAS<br>74<br>Reg.<br>X/3,                            |       |  |   |           |                  |
|   | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  |       |  |   |           |                  |
|   | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. |       |  | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |           |                  |
|   | Carriage and performance requirements                    |       |  |   |           |                  |
|   | — SOLAS<br>74<br>Reg.<br>V/19,                           | —     | EN<br>62288:2014.  |   |           |                  |
|   | — IMO<br>Res.A.224(VII)                                  | Or: — | ISO<br>9875:2000<br>incl.  |   |           |                  |
|   | — IMO<br>Res.A.694(17),                                  |       | ISO<br>Technical   |   |           |                  |

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|  | —                          | IMO Res.MSC.36(63):2006, (1994 HSC Code) 13, | Corr. IEC 60945:2002 incl. IEC 60945                                      |         |           |
|  | —                          | IMO Res.MSC.97(73) (2000 HSC Code) 13,       | Corr. IEC 61162 series:   |         |           |
|  | —                          | IMO Res.MSC.191(79),                         | IEC 61162-1:2016  |         |           |
|  | —                          | IMO Res.MSC.74(69) Annex 4,                  | IEC 61162-2 Ed.1.0:1998-09  |         |           |
|  | —                          | IMO Res.MSC.302(87).                         | IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 |         |           |
|  | —                          |  | IEC 61162-450 Ed.1.0:2011-06 with A1:2016,                                |         |           |
|  | —                          |  | IEC 62288 Ed. 2.0:2014-07.  |         |           |
| MED/4.6 Echo-sounding equipment Row 2 of 2 | Type approval requirements | —  | EN ISO 9875:2007 incl. G  | B+D B+E | 13.9.2019 |
|  | —                          | SOLAS 74 Reg. V/18,                          | ISO Technical Corr. 1:2006,   |         |           |
|  | —                          | SOLAS 74 Reg. X/3,                           | EN 60945:2002 incl. IEC 60945   |         |           |
|  | —                          | IMO Res.MSC.36(63) (1994                     |   |         |           |



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|   | HSC Code) 13, IMO Res.MSC.97(73) (2000 HSC Code) 13.  | Corr. 1:2008, EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014  |  |
| — | Carriage and performance requirements   | EN 61162-4:2016  |  |
| — | SOLAS 74 Reg. V/19, IMO Res.A.224(VII) IMO Res.A.694(17), IMO Res.MSC.36(63) (1994 Or: 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) series: | EN 61162-450:2018, IEC 62288:2014, EN 62923-1:2018, EN 62923-2:2018. 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. |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  |  |   |   | 1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |           |                  |
|  |  | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,   |  |           |                  |
|  |  | — | IEC<br>62923-1:2018,  |  |           |                  |
|  |  | — | IEC<br>62923-2:2018.  |  |           |                  |
| MED/4.7<br>Speed and<br>distance<br>measuring<br>equipment<br>(SDME)<br>Row 1 of 2 | Type<br>approval<br>requirements                         | — | EN<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,   | B+D<br>B+F<br>G  | 19.6.2018 | 29.8.2021<br>(I) |
|  | — SOLAS<br>74<br>Reg.<br>V/18,                           | — | EN<br>61023:2007,   |  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | EN<br>61162<br>series:  |  |           |                  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |  |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | — | EN<br>62288:2014.   |  |           |                  |
|  | Or:  | — | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,  |  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>V/19,                           | — | IEC<br>61023:2007,  |  |           |                  |
|  | — IMO<br>Res.A.694(17),                                  | — | IEC<br>61162<br>series:   |  |           |                  |
|  | — IMO<br>Res.A.824(19),                                  | — |   |  |           |                  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994                        | — |   |  |           |                  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  |                                       | — | HSC Code) 13, IMO Res.MSC.97(73)-(2000 HSC Code) 13, IMO Res.MSC.191(79), IMO Res.MSC.302(87).                       |  | 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 Ed.1.0:2011-06 with A1:2016, IEC 62288 Ed. 2.0:2014-07. |  |
| MED/4.7 Speed and distance measuring equipment (SDME) Row 2 of 2 | Type approval requirements            | — | EN 60945 incl. IEC 60945 Corr. 1:2008, EN 61023:2007, EN 61162 series:   | B+D B+F G  | 13.9.2019   |  |
|  | —                                     | — | 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 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, EN 62288:2014, |   |  |
|  | Carriage and performance requirements | — |  |  |   |  |

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|--|----------------------------------|---|---|---|-----------|------------------|--|
|  |                                  | — | SOLAS-<br>74<br>Reg.<br>V/19, —<br>IMO<br>Res.A.694(17),<br>IMO Or:<br>Res.A.824(19),<br>IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,<br>IMO —<br>Res.MSC.97(73)<br>(2000 —<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.191(79),<br>IMO<br>Res.MSC.302(87). | EN<br>IEC<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61023:2007,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>IEC<br>62288<br>Ed.<br>2.0:2014-07,<br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |           |                  |  |
| MED/4.8, Rudder angle, rpm, pitch indicator – item moved to MED/4.20, MED/4.21 and MED/4.22. |                                  |   |   |   |           |                  |  |
| MED/4.9<br>Rate-of-turn<br>indicator<br>Row 1 of 2   | Type<br>approval<br>requirements | — | EN<br>60945<br>incl.<br>IEC   | B+D<br>B+F<br>G   | 19.6.2018 | 29.8.2021<br>(I) |  |

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|---|--|--|--|
| — | SOLAS<br>74<br>Reg.<br>V/18,   | 60945<br>Corr.<br>1:2008,<br>EN  |  |
| — | SOLAS<br>74  | 61162<br>series:   |  |
| — | Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>13.  | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,  |  |
|   | Carriage and<br>performance<br>requirements  | Or:<br>EN<br>62288:2014.   |  |
| — | SOLAS<br>74<br>Reg.<br>V/19,<br>IMO<br>Res.A.526(13),<br>IMO<br>Res.A.694(17),<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.191(79),<br>IMO<br>Res.MSC.302(87). | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450 |  |

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|  |  |    |   | Ed.1.0:2011-06<br>with<br>A1:2016, |           |
|  |  | —  | ISO<br>20672:2007<br>incl.<br>Corr<br>1.:2008,                              |                                    |           |
|  |  | —  | IEC<br>62288<br>Ed.<br>2.0:2014-07.   |                                    |           |
| MED/4.9<br>Rate-of-turn<br>indicator<br>Row 2 of 2 | Type<br>approval<br>requirements                         | —  | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,               | B+D<br>B+F<br>G                    | 13.9.2019 |
|  | — SOLAS<br>74<br>Reg.<br>V/18,                           | —  | EN<br>61162<br>series:  |                                    |           |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | —  | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+ |                                    | A2:2014   |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, | —  | EN<br>61162-450:2018,   |                                    |           |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | —  | ISO<br>20672:2007<br>incl.<br>Corr.<br>1:2008,                              |                                    |           |
|  | Carriage and<br>performance<br>requirements              | —  | EN<br>62288:2014,   |                                    |           |
|  | — SOLAS<br>74<br>Reg.<br>V/19,                           | —  | EN<br>62923-1:2018,   |                                    |           |
|  | — IMO<br>Res.A.526(13),                                  | —  | EN<br>62923-2:2018.   |                                    |           |
|  | — IMO<br>Res.A.694(17),                                  | Or | IEC<br>60945:2002   |                                    |           |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, | —  | incl.<br>IEC<br>60945   |                                    |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                                  |  |  |                 |                               |
|---|----------------------------------|--|--|-----------------|-------------------------------|
|   | —                                | IMO Res.MSC.97(73):2008, (2000 HSC Code) 13, | Corr. IEC 61162 series:  |                 |                               |
|   | —                                | IMO Res.MSC.191(79),                         | IEC 61162-1:2016   |                 |                               |
|   | —                                | IMO Res.MSC.302(87).                         | 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. 2.0:2014-07,   |                 |                               |
|   | —                                |  | 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, Chaika equipment, – Item deliberately left blank.          |                                  |  |  |                 |                               |
| Item MED/4.13, Decca navigator equipment, - Item deliberately left blank. |                                  |  |  |                 |                               |
| MED/4.14<br>GPS<br>equipment<br>Row 1 of 2                                | Type<br>approval<br>requirements | —  | EN 60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,   | B+D<br>B+F<br>G | 19.6.2018<br>29.8.2021<br>(I) |
|   | —                                | SOLAS 74 Reg. V/18,                          | EN 61108-1:2003,   |                 |                               |
|   | —                                | SOLAS 74                                     |  |                 |                               |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|              |                                  |  |
|--------------|----------------------------------|--|
|              | Reg. — EN                        |  |
| —            | X/3, 61162                       |  |
|              | IMO series:                      |  |
|              | Res.MSC.36(63)- EN               |  |
|              | (1994 61162-1:2016               |  |
|              | HSC EN                           |  |
|              | Code) 61162-2:1998               |  |
|              | 13, EN                           |  |
| —            | IMO 61162-3:2008                 |  |
|              | Res.MSC.97(73)- +A1:2010+A2:2014 |  |
|              | (2000 EN                         |  |
|              | HSC 61162-450:2011+A1:2016,      |  |
|              | Code) — EN                       |  |
|              | 13. 62288:2014.                  |  |
|              | Or:                              |  |
| Carriage and | — IEC                            |  |
| performance  | 60945:2002                       |  |
| requirements | incl.                            |  |
| —            | SOLAS IEC                        |  |
|              | 74 60945                         |  |
|              | Reg. Corr.                       |  |
|              | V/19, 1:2008,                    |  |
| —            | IMO — IEC                        |  |
|              | Res.A.694(17), 61108-1           |  |
| —            | IMO Ed.                          |  |
|              | Res.MSC.36(63)- 2:0:2003,        |  |
|              | (1994 — IEC                      |  |
|              | HSC 61162                        |  |
|              | Code) series:                    |  |
|              | 13, IEC                          |  |
| —            | IMO 61162-1:2016                 |  |
|              | Res.MSC.97(73)- IEC              |  |
|              | (2000 61162-2                    |  |
|              | HSC Ed.1.0:1998-09               |  |
|              | Code) IEC                        |  |
|              | 13, 61162-3                      |  |
| —            | IMO Ed.1.2                       |  |
|              | Res.MSC.112(73), Consol.         |  |
| —            | IMO with                         |  |
|              | Res.MSC.191(79), A1              |  |
| —            | IMO Ed.                          |  |
|              | Res.MSC.302(87). 1.0:2010-11     |  |
|              | and                              |  |
|              | A2                               |  |
|              | Ed.                              |  |
|              | 1.0:2014-07                      |  |
|              | IEC                              |  |
|              | 61162-450                        |  |
|              | Ed.1.0:2011-06                   |  |
|              | with                             |  |
|              | A1:2016,                         |  |
|              | — IEC                            |  |
|              | 62288                            |  |



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*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |  |   | Ed.<br>2.0:2014-07.   |                 |           |
|--|--|---|---|-----------------|-----------|
| MED/4.14<br>GPS<br>equipment<br>Row 2 of 2 | Type approval requirements               | — | EN 60945:2002<br>incl. IEC 60945<br>Corr. 1:2008,<br>EN 61108-1:2003,<br>EN 61162<br>series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN IEC 61162-450:2018, | B+D<br>B+F<br>G | 13.9.2019 |
|  | — SOLAS 74 Reg. V/18,                    | — | EN 60945<br>Corr. 1:2008,<br>EN 61108-1:2003,<br>EN 61162<br>series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN IEC 61162-450:2018,                         |                 |           |
|  | — SOLAS 74 Reg. X/3,                     | — | EN 60945<br>Corr. 1:2008,<br>EN 61108-1:2003,<br>EN 61162<br>series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN IEC 61162-450:2018,                         |                 |           |
|  | — IMO Res.MSC.36(63)-(1994 HSC Code) 13, | — | EN 60945<br>Corr. 1:2008,<br>EN 61108-1:2003,<br>EN 61162<br>series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN IEC 61162-450:2018,                         |                 |           |
|  | — IMO Res.MSC.97(73)-(2000 HSC Code) 13. | — | EN 60945<br>Corr. 1:2008,<br>EN 61108-1:2003,<br>EN 61162<br>series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN IEC 61162-450:2018,                         |                 |           |
|  | Carriage and performance requirements    | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |
|  | — SOLAS 74 Reg. V/19,                    | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |
|  | — IMO Res.A.694(17),                     | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |
|  | — IMO Res.MSC.36(63)-(1994 HSC Code) 13, | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |
|  | — IMO Res.MSC.97(73)-(2000 HSC Code) 13, | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |
|  | — IMO Res.MSC.112(73),                   | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |
|  | — IMO Res.MSC.191(79),                   | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |
|  | — IMO Res.MSC.302(87).                   | — | EN 62288:2014,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018.  |                 |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |  |          |  |  |                  |  |
|--|--|----------|--|--|------------------|--|
|  |  |          |  | IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |                  |  |
|  |  | —        | IEC<br>62288<br>Ed.<br>2.0:2014-07,  |  |                  |  |
|  |  | —        | IEC<br>62923-1:2018,   |  |                  |  |
|  |  | —        | IEC<br>62923-2:2018.   |  |                  |  |
| MED/4.15<br>GLONASS<br>equipment<br>Row 1 of 2 | Type<br>approval<br>requirements                         | —        | EN B+D<br>60945:2002<br>incl. B+F  | 19.6.2018  | 29.8.2021<br>(I) |  |
|  | — SOLAS<br>74<br>Reg.<br>V/18,                           | —        | IEC G<br>60945<br>Corr.<br>1:2008,   |  |                  |  |
|  | — SOLAS<br>74<br>Reg.                                    | —        | EN<br>61108-2:1998,  |  |                  |  |
|  | — X/3,<br>IMO  | —        | EN<br>61162<br>series:   |  |                  |  |
|  | — Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO | —        | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014 |  |                  |  |
|  | — Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.        | —        | EN<br>61162-450:2011+A1:2016,<br>EN<br>62288:2014.                                 |  |                  |  |
|  | Carriage and<br>performance<br>requirements              | Or:<br>— | IEC<br>60945:2002<br>incl.   |  |                  |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                                  |  |   |            |           |
|--|----------------------------------|--|---|------------|-----------|
|  | —                                | SOLAS<br>74<br>Reg.<br>V/19,                             | IEC<br>60945<br>Corr.<br>1:2008,  |            |           |
|  | —                                | IMO —<br>Res.A.694(17),                                  | IEC<br>61108-2  |            |           |
|  | —                                | IMO<br>Res.MSC.36(63)-0:1998,<br>(1994 —<br>HSC<br>Code) | Ed.<br>IEC<br>61162<br>series:  |            |           |
|  | —                                | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)          | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016, |            |           |
|  | —                                | IMO<br>Res.MSC.113(73),                                  |   |            |           |
|  | —                                | IMO<br>Res.MSC.191(79),                                  |   |            |           |
|  | —                                | IMO<br>Res.MSC.302(87).                                  |   |            |           |
|  | —                                |  | IEC<br>62288<br>Ed.<br>2.0:2014-07.   |            |           |
| MED/4.15<br>GLONASS<br>equipment<br>Row 2 of 2 | Type<br>approval<br>requirements | —  | EN<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,   | B+D<br>B+F | 13.9.2019 |
|  | —                                | SOLAS<br>74<br>Reg.<br>V/18,                             | EN<br>61108-2:1998,   |            |           |
|  | —                                | SOLAS<br>74<br>Reg.<br>X/3,                              | EN<br>61162<br>series:  |            |           |
|  | —                                | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC                   | EN<br>61162-1:2016  |            |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|------------------|----|------------------|--|
|   | Code)            |    | EN               |  |
|   | 13,              |    | 61162-2:1998     |  |
| — | IMO              |    | EN               |  |
|   | Res.MSC.97(73)-  |    | 61162-3:2008     |  |
|   | (2000            |    | +A1:2010+A2:2014 |  |
|   | HSC              |    | EN               |  |
|   | Code)            |    | IEC              |  |
|   | 13.              |    | 61162-450:2018,  |  |
|   | Carriage and     | —  | EN               |  |
|   | performance      |    | 62288:2014,      |  |
|   | requirements     | —  | EN               |  |
|   | SOLAS            |    | IEC              |  |
| — | 74               |    | 62923-1:2018,    |  |
|   | Reg.             | —  | EN               |  |
|   | V/19,            |    | IEC              |  |
|   | IMO              |    | 62923-2:2018.    |  |
|   | Res.A.694(17),   | Or | IEC              |  |
| — | IMO              |    | 60945:2002       |  |
|   | Res.MSC.36(63)-  |    | incl.            |  |
|   | (1994            |    | IEC              |  |
|   | HSC              |    | 60945            |  |
|   | Code)            |    | Corr.            |  |
|   | 13,              |    | 1:2008,          |  |
| — | IMO              |    | IEC              |  |
|   | Res.MSC.97(73)   |    | 61108-2          |  |
|   | (2000            |    | Ed.              |  |
|   | HSC              |    | 1.0:1998,        |  |
|   | Code)            | —  | IEC              |  |
|   | 13,              |    | 61162            |  |
| — | IMO              |    | series:          |  |
|   | Res.MSC.113(73), |    | IEC              |  |
| — | IMO              |    | 61162-1:2016     |  |
|   | Res.MSC.191(79), |    | IEC              |  |
| — | IMO              |    | 61162-2          |  |
|   | Res.MSC.302(87). |    | 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            |  |

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|--|---|---|--|-----------|------------------|
|  |   | — | Ed.<br>2.0:2014-07,<br>IEC<br>62923-1:2018,<br>—<br>IEC<br>62923-2:2018.   |           |                  |
| MED/4.16<br>Heading<br>control<br>system (HCS)<br>Row 1 of 3 | Type<br>approval<br>requirements            | — | ISO B+D<br>11674:2006,<br>EN B+F<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, | 19.6.2018 | 29.8.2021<br>(I) |
|  | SOLAS<br>74<br>Reg.<br>V/18.                | — |  |           |                  |
|  | Carriage and<br>performance<br>requirements | — |  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>V/18.              | — |  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>V/19.              | — |  |           |                  |
|  | — IMO<br>Res.A.342(IX),                     | — |  |           |                  |
|  | — IMO<br>Res.A.694(17),                     | — | EN<br>62288:2014.  |           |                  |
|  | — IMO<br>Res.MSC.191(79)                    | — | Or<br>ISO<br>11674:2006,   |           |                  |
|  | — IMO<br>Res.MSC.64(67)<br>Annex<br>3,      | — | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,   |           |                  |
|  | — IMO<br>Res.MSC.302(87)                    | — | IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with  |           |                  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|---|---|---|---|------------------|--|
|  |   |   |   | A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016, |                  |  |
|  |   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07.   |   |                  |  |
| MED/4.16<br>Heading<br>control<br>system (HCS)<br>Row 2 of 3 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.            | — | ISO B+D<br>11674:2006,<br>EN B+F<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008, | 13.9.2019   | 12.8.2023<br>(I) |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18. | — | EN<br>61162<br>series:  |   |                  |  |
|  | — SOLAS<br>74<br>Reg.<br>V/18,  |   | EN<br>61162-1:2016  |   |                  |  |
|  | — SOLAS<br>74<br>Reg.<br>V/19,  |   | EN<br>61162-2:1998  |   |                  |  |
|  | — IMO<br>Res.A.342(IX),   |   | EN<br>61162-3:2008<br>+A1:2010+A2:2014  |   |                  |  |
|  | — IMO<br>Res.A.694(17),   |   | EN<br>61162-450:2018,   |   |                  |  |
|  | — IMO<br>Res.MSC.191(79),   |   | EN<br>62288:2014,   |   |                  |  |
|  | — IMO<br>Res.MSC.64(67),  |   | EN<br>62923-1:2018,   |   |                  |  |
|  | Annex<br>3,   |   | IEC<br>62923-2:2018.  |   |                  |  |
|  | — IMO<br>Res.MSC.302(87).<br>Or:  |   | ISO<br>11674:2006,<br>IEC<br>60945:2002<br>incl.  |   |                  |  |

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|   |   |  | IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:   |  |           |
|   |   |  | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |  |           |
|   |   |  | IEC<br>62288<br>Ed.<br>2.0:2014-07,   |  |           |
|   |   |  | IEC<br>62923-1:2018,  |  |           |
|   |   |  | IEC<br>62923-2:2018.  |  |           |
| MED/4.16<br>Heading<br>control<br>system (HCS)<br>Row 3 of 3<br>(NEW ROW) | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18,<br>— SOLAS<br>74<br>Reg.<br>V/19, |  | ISO B+D<br>11674:2009,<br>EN B+F<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998                               |  | 12.8.2020 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                          |                  |  |
|---|--------------------------|------------------|--|
| — | IMO                      | EN               |  |
|   | Res.A.342(IX),           | 61162-3:2008     |  |
| — | IMO                      | +A1:2010+A2:2014 |  |
|   | Res.A.694(17),           | EN               |  |
| — | IMO                      | IEC              |  |
|   | Res.MSC.191(79),         | 61162-450:2018,  |  |
| — | IMO —                    | EN               |  |
|   | Res.MSC.64(67)2288:2014, |                  |  |
|   | Annex —                  | EN               |  |
|   | 3,                       | IEC              |  |
| — | IMO                      | 62923-1:2018,    |  |
|   | Res.MSC.302(87)          | 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.                      |                  |  |
|   | 2.0:2014-07,             |                  |  |
| — | IEC                      |                  |  |
|   | 62923-1:2018,            |                  |  |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|---|--|--|--|
|  |  | — | IEC<br>62923-2:2018.   |  |  |
| Item MED/4.17, Mechanical pilot hoist, - moved to MED/1.40.  |  |   |  |  |  |
| MED/4.18<br>Search<br>and rescue<br>locating<br>devices<br>(SRLD):<br>9 GHz SAR<br>transponder<br>(SART)<br>Row 1 of 1 | Type<br>approval<br>requirements                         | — | EN<br>60945:2002<br>incl. B+D<br>B+F<br>G                      |  |  |
|  | — SOLAS<br>74<br>Reg.<br>III/4,                          |   | IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61097-1:2007.        |  |  |
|  | — SOLAS<br>74<br>Reg. Or:<br>IV/14,                      |   | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008, |  |  |
|  | — SOLAS<br>74<br>Reg. —<br>V/18,                         |   | IEC<br>61097-1:<br>2007.                                       |  |  |
|  | — SOLAS<br>74<br>Reg. —<br>X/3,                          |   |  |  |  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, |   |  |  |  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. |   |  |  |  |
|  | Carriage and<br>performance<br>requirements              |   |  |  |  |
|  | — SOLAS<br>74<br>Reg.<br>III/6,                          |   |  |  |  |
|  | — SOLAS<br>74<br>Reg.<br>IV/7,                           |   |  |  |  |
|  | — SOLAS<br>74<br>Reg.<br>III/26,                         |   |  |  |  |
|  | — IMO<br>Res.A.530(13),                                  |   |  |  |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|--|--|--|--|--|
| — | IMO<br>Res.A.802(19),                                  |  |  |  |  |
| — | IMO<br>Res.A.694(17),                                  |  |  |  |  |
| — | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,  |  |  |  |  |
| — | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14, |  |  |  |  |
| — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8,  |  |  |  |  |
| — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14, |  |  |  |  |
| — | ITU-<br>R<br>M.628-5<br>(03/2012).                     |  |  |  |  |

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

|   |                                  |  |  |  |           |                  |
|---|----------------------------------|--|--|--|-----------|------------------|
| MED/4.20<br>Rudder angle<br>indicator<br>Row 1 of 2 | Type<br>approval<br>requirements | —  | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series: | B+D<br>B0B2<br>B+F<br>G<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, | 19.6.2018 | 29.8.2021<br>(I) |
|   | —                                | SOLAS<br>74<br>Reg.<br>V/18,                           |  |  |           |                  |
|   | —                                | SOLAS-<br>74<br>Reg.<br>X/3,                           |  |  |           |                  |
|   | —                                | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, |  |  |           |                  |
|   | —                                | IMO<br>Res.MSC.97(73)-                                 |  |  |           |                  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |  |  |                         |           |  |
|---|--|--|--|-------------------------|-----------|--|
|   | (2000<br>HSC<br>Code)<br>13.   | —  | EN<br>62288:<br>ISO<br>20673:  | 2014,<br>2007.          |           |  |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19,<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.191(79),<br>— IMO<br>Res.MSC.302(87). | Or:<br>— IEC<br>60945:<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>— IEC<br>61162<br>series:<br>IEC<br>61162-1:<br>IEC<br>61162-2<br>Ed.1.0:<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:<br>and<br>A2<br>Ed.<br>1.0:<br>IEC<br>61162-450<br>Ed.1.0:<br>with<br>A1: | 2002<br>2016<br>09<br>2010-11<br>2014-07<br>2011-06<br>2016,<br>IEC<br>62288<br>Ed.<br>2.0:<br>ISO<br>20673: |                         |           |  |
| MED/4.20<br>Rudder angle<br>indicator<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18,<br>— SOLAS<br>74  | —  | EN<br>60945:<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,  | B+D<br>B0B2<br>B+F<br>G | 13.9.2019 |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |  |   |                                 |  |
|--|--|---|---------------------------------|--|
|  | Reg. X/3, IMO                          | — | EN 61162 series:                |  |
|  | Res.MSC.36(63)-(1994 HSC Code) 13, IMO | — | EN 61162-1:2016                 |  |
|  | Res.MSC.97(73)-(2000 HSC Code) 13.     | — | EN 61162-2:1998                 |  |
|  |  | — | EN 61162-3:2008                 |  |
|  |  | — | +A1:2010+A2:2014                |  |
|  |  | — | EN IEC 61162-450:2018,          |  |
|  | Carriage and performance requirements  | — | EN 62288:2014,                  |  |
|  | SOLAS 74                               | — | EN IEC 62923-1:2018,            |  |
|  | Reg. V/19, IMO                         | — | EN IEC 62923-2:2018,            |  |
|  | Res.A.694(17), Or:                     | — | ISO 20673:2007.                 |  |
|  | Res.MSC.36(63)(1994 HSC Code) 13, IMO  | — | IEC 60945:2002                  |  |
|  |  | — | incl. IEC 60945                 |  |
|  | Res.MSC.97(73)-(2000 HSC Code) 13, IMO | — | IEC 61162 series:               |  |
|  | Res.MSC.191(79), IMO                   | — | IEC 61162-1:2016                |  |
|  | Res.MSC.302(87).                       | — | 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,             |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|---|--|-----------|------------------|
|  |  | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,  |           |                  |
|  |  | — | IEC<br>62923-1:2018,   |           |                  |
|  |  | — | IEC<br>62923-2:2018,   |           |                  |
|  |  | — | ISO<br>20673:2007.   |           |                  |
| MED/4.21<br>Propeller<br>revolution<br>indicator<br>Row 1 of 2 | Type<br>approval<br>requirements                         | — | EN<br>60945:2002<br>incl. B+D<br>B+F   | 19.6.2018 | 29.8.2021<br>(I) |
|  | — SOLAS<br>74<br>Reg.<br>V/18,                           | — | IEC<br>60945<br>Corr.<br>1:2008,   |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | EN<br>61162<br>series:   |           |                  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014 |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | — | EN<br>61162-450:2011+A1:2016,<br>EN<br>62288:2014,<br>ISO<br>22554:2015.           |           |                  |
|  | Or:<br>Carriage and<br>performance<br>requirements       | — | IEC<br>60945:2002<br>incl. B+D<br>B+F  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>V/19,                           | — | IEC<br>60945<br>Corr.<br>1:2008,   |           |                  |
|  | — IMO<br>Res.A.694(17),                                  | — | IEC<br>61162<br>series:  |           |                  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, | — | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09                            |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC                 | — | IEC<br>61162-3<br>Ed.1.2   |           |                  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  |   | Code)<br>13,<br>IMO<br>Res.MSC.191(79),<br>IMO<br>Res.MSC.302(87).   |                         | Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016,<br><br>IEC<br>62288<br>Ed.<br>2.0:2014-07,<br>ISO<br>22554:2015. |  |
| MED/4.21<br>Propeller<br>revolution<br>indicator<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19,<br>— IMO<br>Res.A.694(17), | — EN<br>60945<br>incl. IEC<br>60945<br>Corr.<br>1:2008,<br>— EN<br>61162<br>series:<br><br>— EN<br>61162-1:2016<br>— EN<br>61162-2:1998<br>— EN<br>61162-3:2008<br>— EN<br>61162-450:2018,<br><br>— EN<br>62288:2014,<br>— EN<br>IEC<br>62923-1:2018,<br>— EN<br>IEC<br>62923-2:2018,<br>— ISO<br>22554:2015.<br><br>Or: | B+D<br>B+B2<br>B+F<br>G | 13.9.2019   |  |

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|-------------------------------------|----------------------------|--|--|---|-----------|---------------|
|                                     | —                          | IMO Res.MSC.36(63) (1994 HSC Code) 13, | —                                      | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,                              |           |               |
|                                     | —                          | IMO Res.MSC.97(73) (2000 HSC Code) 13, | —                                      | IEC 61162 series:   |           |               |
|                                     | —                          | IMO Res.MSC.191(79),                   | —                                      | IEC 61162-1:2016  |           |               |
|                                     | —                          | IMO Res.MSC.302(87).                   | —                                      | 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. 2.0:2014-07,  |           |               |
|                                     |                            |  | —                                      | IEC 62923-1:2018,   |           |               |
|                                     |                            |  | —                                      | IEC 62923-2:2018,   |           |               |
|                                     |                            |  | —                                      | ISO 22554:2015.   |           |               |
| MED/4.22 Pitch indicator Row 1 of 2 | Type approval requirements | —                                      | EN 60945 incl. IEC 60945 Corr. 1:2008, | B+D B+F G   | 19.6.2018 | 29.8.2021 (I) |
|                                     | —                          | SOLAS 74 Reg. V/18,                    | —                                      | EN 61162 series:  |           |               |
|                                     | —                          | SOLAS 74 Reg. X/3,                     | —                                      | EN 61162-1:2016   |           |               |
|                                     | —                          | IMO Res.MSC.36(63)-                    |  |   |           |               |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|--|--|---|
|   | (1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC —<br>Code) —<br>13. —   |  | EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |
| — | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19,<br>IMO<br>Res.A.694(17),<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.191(79),<br>IMO<br>Res.MSC.302(87). | Or:<br>— IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016,<br>— ISO<br>22555:2007,<br>— IEC<br>62288<br>Ed.<br>2.0:2014-07. |   |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|---|---|------------------|--------------|-----------|
| MED/4.22<br>Pitch<br>indicator<br>Row 2 of 2 | Type<br>approval<br>requirements            | — | EN               | B+D          | 13.9.2019 |
|  |   |   | 60945            | IEC          |           |
|  |   |   | incl.            | B+F          |           |
|  | — SOLAS<br>74                               |   | IEC              | G            |           |
|  | Reg.<br>V/18,                               |   | 60945            | Corr.        |           |
|  | — SOLAS<br>74                               |   | 1:2008,          | EN           |           |
|  | Reg.<br>X/3,                                |   | EN               | 61162        |           |
|  | — IMO                                       |   | series:          | EN           |           |
|  | Res.MSC.36(63)-<br>(1994                    |   | EN               | 61162-1:2016 |           |
|  | HSC<br>Code)                                |   | EN               | 61162-2:1998 |           |
|  | 13,   |   | EN               | 61162-3:2008 |           |
|  | — IMO                                       |   | +A1:2010+A2:2014 | EN           |           |
|  | Res.MSC.97(73)-<br>(2000                    |   | EN               | IEC          |           |
|  | HSC<br>Code)                                |   | 61162-450:2018,  | EN           |           |
|  | 13.   |   | EN               | 62288:2014,  |           |
|  | —   |   | EN               | IEC          |           |
|  | Carriage and<br>performance<br>requirements |   | 62923-1:2018,    | EN           |           |
|  |   |   | EN               | IEC          |           |
|  | — SOLAS<br>74                               |   | 62923-2:2018,    | IEC          |           |
|  | Reg.<br>V/19,                               |   | ISO              | 22555:2007.  |           |
|  | — Or:<br>IMO                                |   | IEC              | 60945:2002   |           |
|  | Res.A.694(17),                              |   | incl.            | IEC          |           |
|  | — IMO                                       |   | 60945            | Corr.        |           |
|  | Res.MSC.36(63)<br>(1994                     |   | 1:2008,          | IEC          |           |
|  | HSC<br>Code)                                |   | 61162            | series:      |           |
|  | 13,   |   | IEC              | 61162-1:2016 |           |
|  | — IMO                                       |   | IEC              | 61162-2      |           |
|  | Res.MSC.191(79),                            |   | Ed.1.0:1998-09   | IEC          |           |
|  | — IMO                                       |   | 61162-3          | Ed.1.2       |           |
|  | Res.MSC.302(87).                            |   | Consol.          | with         |           |
|  |   |   | A1               | Ed.          |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |  |  |                   |
|---|--|---|--|--|-------------------|
|   |  |   |  | 1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |                   |
|   |  | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,                            |  |                   |
|   |  | — | IEC<br>62923-1:2018,   |  |                   |
|   |  | — | IEC<br>62923-2:2018,   |  |                   |
|   |  | — | ISO<br>22555:2007.   |  |                   |
| MED/4.23<br>Magnetic<br>compass<br>Class B for<br>lifeboats and<br>rescue boats<br>Row 1 of 2 | Type<br>approval<br>requirements                         | — | ISO 10691:2017,  | B+D  | 12.8.2023<br>(II) |
|   | — SOLAS<br>74<br>Reg.<br>III/4,                          | — | ISO 25862:2009,  | B+F  |                   |
|   | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008. |  |                   |
|   | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, |   |  |  |                   |
|   | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. |   |  |  |                   |
|   | Carriage and<br>performance<br>requirements              |   |  |  |                   |
|   | — SOLAS<br>74<br>Reg.<br>III/34,                         |   |  |  |                   |
|   | — IMO<br>Res.MSC.48(66)-<br>(LSA<br>Code)<br>IV,         |   |  |  |                   |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                  |  |   |                                |           |
|--|----------------------------------|--|---|--------------------------------|-----------|
|  | —                                | 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. |   |                                |           |
| MED/4.23<br>Magnetic<br>compass<br>Class B for<br>lifeboats and<br>rescue boats<br>Row 2 of 2<br>(NEW ROW) | Type<br>approval<br>requirements | —                                      | ISO 1069:2019,<br>ISO 25862:2019,<br>IEC 60945:2002<br>incl.<br>IEC 60945<br>Corr.<br>1:2008. | B+D<br><del>B+E</del> ,<br>B+F | 12.8.2020 |
|  | —                                | 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. |   |                                |           |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---------------------------------------|--|--|--|--|
| Carriage and performance requirements |  |  |  |  |
| — SOLAS 74 Reg. III/34,               |  |  |  |  |
| — IMO Res.MSC.48(66)-(LSA Code)       |  |  |  |  |
| — IMO Res.MSC.48(66)-(LSA Code)       |  |  |  |  |
| — IMO Res.MSC.36(63)-(1994 HSC Code)  |  |  |  |  |
| — IMO Res.MSC.36(63)-(1994 HSC Code)  |  |  |  |  |
| — IMO Res.MSC.97(73)-(2000 HSC Code)  |  |  |  |  |
| — IMO Res.MSC.97(73)-(2000 HSC Code)  |  |  |  |  |
| 13.                                   |  |  |  |  |

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/4.30.

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|---|---|--|-----------|------------------|
| MED/4.29<br>Voyage data recorder (VDR)<br>Row 1 of 2 | Type approval requirements<br>— SOLAS 74 Reg. V/18,<br>— SOLAS 74 Reg. X/3,<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,<br>— IMO Res.MSC.97(73)-(2000 HSC Code) 13. | — EN 60945<br>incl. IEC 60945<br>Corr. 1:2008,<br>EN 61162 series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN 61162-450:2011+A1:2016,<br>— EN 61996-1:2013<br>incl. IEC 61996-1<br>Corr. 1:2014,<br>EN 62288:2014.<br>Or:<br>— IEC 60945:2002<br>incl. IEC 60945<br>Corr. 1:2008,<br>— IEC 61162 series:<br>IEC 61162-1:2016<br>IEC 61162-2 Ed.1.0:1998-09<br>IEC 61162-3 Ed.1.2<br>Consol. with A1 Ed. 1.0:2010-11 and | B+D<br>B+F<br>G<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,<br>EN 61996-1:2013<br>incl. IEC 61996-1<br>Corr. 1:2014,<br>EN 62288:2014.<br>Or:<br>— IEC 60945:2002<br>incl. IEC 60945<br>Corr. 1:2008,<br>— IEC 61162 series:<br>IEC 61162-1:2016<br>IEC 61162-2 Ed.1.0:1998-09<br>IEC 61162-3 Ed.1.2<br>Consol. with A1 Ed. 1.0:2010-11 and | 19.6.2018 | 29.8.2021<br>(I) |
|--|---|---|--|-----------|------------------|

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|---|---|---|--|-----------|
|  |   |   |   | A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016, |           |
|  |   | — | IEC<br>61996-1<br>Ed.<br>2.0:2013-05<br>incl.<br>IEC<br>61996-1<br>Corr.1:2014, |  |           |
|  |   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07.   |  |           |
| MED/4.29<br>Voyage data<br>recorder<br>(VDR)<br>Row 2 of 2 | Type<br>approval<br>requirements  | — | EN<br>60945-2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,             | B+D<br>B+F<br>G  | 13.9.2019 |
|  | — SOLAS<br>74<br>Reg.<br>V/18,  | — | EN<br>61162<br>series:  | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014 |           |
|  | — SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, | — | EN<br>61162<br>series:  | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014 |           |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.                                | — | EN<br>61996-1:2013<br>incl.<br>IEC<br>61996-1<br>Corr.<br>1:2014,               | EN<br>IEC<br>61162-450:2018,   |           |
|  | Carriage and<br>performance<br>requirements   | — | EN<br>62288:2014,   |  |           |
|  | — SOLAS<br>74<br>Reg.<br>V/20,  | — | EN<br>IEC<br>62923-1:2018,  |  |           |
|  | — IMO<br>Res.A.694(17),   | — | EN<br>IEC<br>62923-1:2018,  |  |           |

*Status: Point in time view as at 16/07/2020.*

**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|---|--|--|
| — | IMO — EN<br>Res.MSC.36(63)IEC<br>(1994 62923-2:2018.<br>HSC Or:<br>Code) — IEC<br>13, 60945:2002  |  |  |
| — | IMO incl.<br>Res.MSC.97(73)IEC<br>(2000 60945<br>HSC Corr.<br>Code) 1:2008,<br>13, — IEC  |  |  |
| — | IMO 61162<br>Res.MSC.191(79)series:   |  |  |
| — | IMO IEC<br>Res.MSC.302(87), 61162-1:2016  |  |  |
| — | IMO IEC<br>Res.MSC.333(90). 61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |  |  |
| — | IEC<br>61996-1<br>Ed.<br>2.0:<br>2013-05<br>incl.<br>IEC<br>61996-1<br>Corr.<br>1:2014,   |  |  |
| — | IEC<br>62288<br>Ed.<br>2.0:2014-07,   |  |  |
| — | IEC<br>62923-1:2018,  |  |  |
| — | IEC<br>62923-2:2018.  |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |  |                 |           |                  |
|---|---|---|--|-----------------|-----------|------------------|
| MED/4.30<br>Electronic<br>chart<br>display and<br>information<br>system<br>(ECDIS)<br>with backup,<br>and raster<br>chart display<br>system<br>(RCDS)<br>Row 1 of 2 | Type<br>approval<br>requirements  | — | EN<br>60945:2002<br>incl. IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,  | B+D<br>B+F<br>G | 19.6.2018 | 29.8.2021<br>(I) |
|   | — SOLAS<br>74<br>Reg.<br>V/18,<br>SOLAS<br>74<br>Reg.<br>V/27,<br>SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000 Or:<br>HSC<br>Code)<br>13.             | — | EN<br>61174:2015,<br>EN<br>62288:2014.<br>Or:<br>IEC<br>60945:2002<br>incl. IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450 |                 |           |                  |
|   | Carriage and<br>performance<br>requirements   | — | IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450   |                 |           |                  |
|   | — SOLAS<br>74<br>Reg.<br>V/19,<br>IMO<br>Res.A.694(17),<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.191(79),<br>IMO<br>Res.MSC.232(82), | — | IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450   |                 |           |                  |



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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|---|--|--|---|-----------|
|   | — | IMO Res.MSC.302(87),   |  | Ed.1.0:2011-06 with A1:2016,                          |           |
|   | — | IMO MSC.4/Rev.1. [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 61174 Ed. 4.0:2015, IEC 62288 Ed. 2.0:2014-07. |   |           |
| MED/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS) Row 2 of 2 | — | Type approval requirements   | EN 60945-1:2002 incl. B+F                          | B+D B+F   | 13.9.2018 |
|   | — | SOLAS 74 Reg. V/18,  | IEC 60945 Corr. 1:2008,                            | G   |           |
|   | — | SOLAS 74 Reg. V/27,  | EN 61162 series:                                   |   |           |
|   | — | SOLAS 74 Reg. X/3,   |  | EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008 |           |
|   | — | IMO Res.MSC.36(63)-(1994 HSC Code) 13,   | EN 61174:2015,                                     | +A1:2010+A2:2014<br>EN IEC 61162-450:2018,            |           |
|   | — | IMO Res.MSC.97(73) (2000 HSC Code) 13.   | EN 62288:2014,<br>EN IEC 62923-1:2018,             |   |           |
|   | — | Carriage and performance requirements  | EN IEC 62923-2:2018.                               |   |           |
|   | — | SOLAS 74   | Or:  |   |           |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|----------------------------|---|--|---|--|-----------|---------------|
|   |                            | — | 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. | — | 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, |           |               |
|   |                            | — | [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 61174 Ed. 4.0: 2015, IEC 62288 Ed. 2.0:2014-07, IEC 62923-1:2018, IEC 62923-2:2018.  |           |               |
| MED/4.31 Gyro compass for high-speed craft Row 1 of 2 | Type approval requirements | — | SOLAS 74 Reg. X/3, IMO Res.MSC.36(63) (1994  | — | ISO B+D 16328:2014, EN B+F 60945:2002 incl. IEC 60945 Corr. 1:2008,  | 19.6.2018 | 29.8.2021 (I) |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|---|---|--|---|
|  | HSC Code) 13, IMO Res.MSC.97(73)-(2000 HSC Code) 13.  | — | EN 61162 series:   |   |
|  | Carriage and performance requirements   |   |  | EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN 61162-450:2011+A1:2016, |
|  | IMO Res.A.694(17), Or.  | — | EN 62288:2014.   |   |
|  | IMO Res.A.821(19),  | — | ISO 16328:2014,  |   |
|  | 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. | — | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61162 series:   |   |
|  |   |   | IEC 61162-1:2016<br>IEC 61162-2 Ed.1.0:1998-09<br>IEC 61162-3 Ed.1.2<br>Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07<br>IEC 61162-450 Ed.1.0:2011-06 with A1:2016, |   |
|  |   | — | IEC 62288 Ed. 2.0:2014-07.   |   |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |  |   |                              |           |
|--|--|---|------------------------------|-----------|
| MED/4.31<br>Gyro<br>compass for<br>high-speed<br>craft<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63):2008,<br>(1994<br>— HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>— HSC<br>Code)<br>13.   | — ISO<br>16328:2014,<br>— EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014  | B+D<br>B+E4,<br>B+F<br>C2002 | 13.9.2018 |
|  | Carriage and<br>performance<br>requirements<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.A.821(19),<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>— HSC<br>Code)<br>Or:<br>— ISO<br>16328:2014,<br>— IMO<br>Res.MSC.97(73)<br>(2000<br>— HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.191(79),<br>— IMO<br>Res.MSC.302(87),<br>— IMO<br>MSC.1/<br>Circ.1349. | — EN<br>62288:2014,<br>— EN<br>62923-1:2018,<br>— EN<br>62923-2:2018.<br>Or:<br>— ISO<br>16328:2014,<br>— IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>— IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with |                              |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |   |   |  |           |                  |
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|  |   |   |   | A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>IEC<br>62288<br>Ed.<br>2.0:2014-07,<br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |           |                  |
| MED/4.32<br>Universal<br>automatic<br>identification<br>system<br>equipment<br>(AIS)<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>— HSC<br>Code)<br>13.<br>Or:<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19,<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.36(63)-<br>(1994 | — | EN<br>60945:2002<br>incl. B+B<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,<br>EN<br>61993-2:2013,<br>EN<br>62288:2014.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series: | B+D<br>B+B<br>B+F<br>G   | 19.6.2018 | 29.8.2021<br>(I) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|----------------------------|---|---|---|-----------|
|   |                            | HSC Code) 13, IMO Res.MSC.97(73)-(2000 HSC Code) 13, IMO Res.MSC.74(69), IMO Res.MSC.191(79), 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). |   | 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 Ed.1.0:2011-06 with A1:2016, IEC 61993-2:2012, IEC 62288 Ed. 2.0:2014-07. |           |
| 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  | EN 60945 incl. IEC 60945 Corr. 1:2008, EN 61162 series: | B+D B+F G EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,   | 13.9.2019 |

*Status:* Point in time view as at 16/07/2020.

*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|--|---|--|--|
|  | HSC Code 13.   | — | IEC 61993-2:2018, EN 62288:2014, EN IEC 62923-1:2018, EN IEC 62923-2:2018.   |  |
|  | Carriage and performance requirements  | — | 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, |  |
|  | SOLAS 74 Reg. V/19, Or:  | — | IEC 60945:2002   |  |
|  | IMO Res.A.694(17),   | — | IEC 60945  |  |
|  | IMO Res.MSC.36(63) (1994)  | — | IEC 60945  |  |
|  | HSC Code) 13,  | — | IEC 61162 series:  |  |
|  | IMO Res.MSC.97(73) (2000)  | — | IEC 61162-1:2016   |  |
|  | HSC Code) 13,  | — | IEC 61162-2 Ed.1.0:1998-09   |  |
|  | IMO Res.MSC.74(69),  | — | IEC 61162-3 Ed.1.2   |  |
|  | IMO Res.MSC.191(79),   | — | Consol. with A1  |  |
|  | IMO Res.MSC.302(87),   | — | Ed. 1.0:2010-11 and A2   |  |
|  | ITU-RM-1371-5 (02-2014)  | — | Ed. 1.0:2014-07  |  |
|  | Note: ITU-RM 1371-5 (02-2014)  | — | IEC 61162-450:2018,  |  |
|  | shall only be applicable in accordance with requirements of IMO Res.MSC.74(69) | — | IEC 61993-2:2018, IEC 62288 Ed. 2.0:2014-07, IEC 62923-1:2018, IEC 62923-2:2018.   |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |   |   |   |           |                  |
|--|---|---|---|---|-----------|------------------|
| MED/4.33<br>Track control<br>system<br>(working<br>at ship's<br>speed from<br>minimum<br>manoeuvring<br>speed up to<br>30 knots)<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.  | — | EN<br>61162<br>series:  | B+D<br>B+E<br>B+F<br>G  | 19.6.2018 | 29.8.2021<br>(I) |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19,<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.74(69),<br>— IMO<br>Res.MSC.191(79),<br>— IMO<br>Res.MSC.302(87) | — | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>62065:2014,<br>EN<br>62288:2014.   | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |           |                  |
|  | Or:<br>—  | — | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>— IEC<br>61162<br>series:   |   |           |                  |
|  |   |   | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450 |   |           |                  |



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|  |   |   |   |                                    |           |
|--|---|---|---|------------------------------------|-----------|
|  |   | — | IEC<br>62065<br>Ed.<br>2.0:2014-02,   | Ed.1.0:2011-06<br>with<br>A1:2016, |           |
|  |   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07.   |                                    |           |
| MED/4.33<br>Track control<br>system<br>(working<br>at ship's<br>speed from<br>minimum<br>manoeuvring<br>speed up to<br>30 knots)<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.            | — | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:   | B+D<br>B+F<br>G                    | 13.9.2019 |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19, | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+               |                                    |           |
|  | — IMO<br>Res.A.694(17),   | — | EN<br>61162-450:2018,   | A2:2014                            |           |
|  | — IMO<br>Res.MSC.74(69),  | — | EN<br>62065:2014,<br>EN<br>62288:2014,  |                                    |           |
|  | — IMO<br>Res.MSC.191(79),   | — | EN<br>62923-1:2018,   |                                    |           |
|  | — IMO<br>Res.MSC.302(87),   | — | EN<br>62923-2:2018.   |                                    |           |
|  | Or:   | — | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series: |                                    |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |   |   |  |   |           |                  |
|---|---|---|--|---|-----------|------------------|
|   |   |   |  | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |           |                  |
|   |   | — | IEC<br>62065<br>Ed.<br>2.0:2014-02,  |   |           |                  |
|   |   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,  |   |           |                  |
|   |   | — | IEC<br>62923-1:2018,   |   |           |                  |
|   |   | — | IEC<br>62923-2:2018.   |   |           |                  |
| MED/4.34<br>Radar<br>equipment<br>CAT 1<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.  | — | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:   | B+D<br>B0B2<br>B+F<br>G   | 19.6.2018 | 29.8.2021<br>(I) |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19,<br>— IMO<br>Res.A.278(VIII),<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.191(79) | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,<br>EN<br>62288:2014, |   |           |                  |

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|   |                                  |                  |           |          |           |
|---|----------------------------------|------------------|-----------|----------|-----------|
|   | —                                | IMO —            | EN        |          |           |
|   |                                  | Res.MSC.192(792) | 62388     | 2013.    |           |
|   | —                                | IMO Or:          |           |          |           |
|   |                                  | Res.MSC.302(87)  | 61162     |          |           |
|   | —                                | ITU-             | 60945     | 2002     |           |
|   |                                  | R                | incl.     |          |           |
|   |                                  | M.1177-4         | IEC       |          |           |
|   |                                  | (04/11).         | 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 |          |           |
|   |                                  |                  | Ed.1.0    | 2011-06  |           |
|   |                                  |                  | with      |          |           |
|   |                                  |                  | A1        | 2016,    |           |
|   | —                                |                  | IEC       |          |           |
|   |                                  |                  | 62288     |          |           |
|   |                                  |                  | Ed.       |          |           |
|   |                                  |                  | 2.0       | 2014-07, |           |
|   | —                                |                  | IEC       |          |           |
|   |                                  |                  | 62388     |          |           |
|   |                                  |                  | Ed.       |          |           |
|   |                                  |                  | 2.0       | 2013-06. |           |
| MED/4.34<br>Radar<br>equipment<br>CAT 1<br>Row 2 of 2 | Type<br>approval<br>requirements | —                | EN        | B+D      | 13.9.2019 |
|   | —                                | SOLAS            | 60945     | B+F      |           |
|   |                                  | 74               | incl.     | G        |           |
|   |                                  | Reg.             | IEC       |          |           |
|   |                                  | V/18.            | 60945     |          |           |
|   |                                  |                  | Corr.     |          |           |
|   |                                  |                  | 1:2008,   |          |           |

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|                                       |     |                                 |  |
|---------------------------------------|-----|---------------------------------|--|
| Carriage and performance requirements | —   | EN 61162 series:                |  |
| — SOLAS 74 Reg. V/19,                 |     | EN 61162-1:2016                 |  |
| — IMO Res.A.278(VIII),                |     | EN 61162-2:1998                 |  |
| — IMO Res.A.694(17),                  |     | EN 61162-3:2008                 |  |
| — IMO Res.MSC.191(79),                |     | +A1:2010+A2:2014                |  |
| — IMO Res.MSC.192(79),                |     | EN 61162-450:2018,              |  |
| — IMO Res.MSC.302(87),                |     | EN 62288:2014,                  |  |
| — ITU-R M.1177-4 (04/11).             |     | EN 62388:2013,                  |  |
|                                       |     | EN 62923-1:2018,                |  |
|                                       |     | EN 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,             |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |   |           |                  |
|---|---|---|---|-----------|------------------|
|   |   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,                                 |           |                  |
|   |   | — | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,                             |           |                  |
|   |   | — | IEC<br>62923-1:2018,  |           |                  |
|   |   | — | IEC<br>62923-2:2018.  |           |                  |
| MED/4.35<br>Radar<br>equipment<br>CAT 2<br>Row 1 of 2 | Type<br>approval<br>requirements            | — | EN<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008, | 19.6.2018 | 29.8.2021<br>(I) |
|   | — SOLAS<br>74<br>Reg.<br>V/18.              | — | EN<br>61162<br>series:  |           |                  |
|   | Carriage and<br>performance<br>requirements | — | EN<br>61162-1:2016  |           |                  |
|   | — SOLAS<br>74<br>Reg.<br>V/19,              | — | EN<br>61162-2:1998  |           |                  |
|   | — IMO<br>Res.A.278(VIII),                   | — | EN<br>61162-3:2008<br>+A1:2010+A2:2014                              |           |                  |
|   | — IMO<br>Res.A.694(17),                     | — | EN<br>61162-450:2011+A1:2016,                                       |           |                  |
|   | — IMO<br>Res.MSC.191(79),                   | — | EN<br>62388:2013,   |           |                  |
|   | — IMO<br>Res.MSC.192(79),                   | — | EN<br>62288:2014.   |           |                  |
|   | — IMO<br>Res.MSC.302(87),                   | — | IEC<br>60945:2002   |           |                  |
|   | — ITU-<br>R<br>M.1177-4<br>(04/11).         | — | incl.<br>IEC<br>60945<br>Corr.<br>1:2008,                           |           |                  |
|   |   | — | IEC<br>61162<br>series:   |           |                  |
|   |   |   | IEC<br>61162-1:2016   |           |                  |
|   |   |   | IEC<br>61162-2<br>Ed.1.0:1998-09                                    |           |                  |

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|   |   |   |  |  |           |
|---|---|---|--|--|-----------|
|   |   |   |  | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016, |           |
|   |   | — | IEC<br>62388<br>Ed.<br>2.0:2013-06,  |  |           |
|   |   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07.  |  |           |
| MED/4.35<br>Radar<br>equipment<br>CAT 2<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.            | — | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series: | B+D<br>B+E<br>B+F<br>G   | 13.9.2018 |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19, | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+        | A2:2014  |           |
|   | — IMO<br>Res.A.278(VIII),   | — | EN<br>61162-3:2008<br>+A1:2010+  | A2:2014  |           |
|   | — IMO<br>Res.A.694(17),   | — | EN<br>IEC<br>61162-450:2018,   |  |           |
|   | — IMO<br>Res.MSC.191(79)  | — | EN<br>62388:2013,  |  |           |
|   | — IMO<br>Res.MSC.192(79)  | — | EN<br>62288:2014,  |  |           |
|   | — IMO<br>Res.MSC.302(87)  | — | EN<br>IEC<br>62923-1:2018,   |  |           |
|   | — ITU-<br>R   | — | IEC<br>62923-1:2018,   |  |           |

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|---|---|----------------------|--|--|-----------|------------------|
|   |   | M.1177-4<br>(04/11). | EN<br>IEC<br>62923-2:2018.                                     |  |           |                  |
|   |   | Or:<br>—             | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008, |  |           |                  |
|   |   | —                    | IEC<br>61162<br>series:  |  |           |                  |
|   |   |                      |  | IEC<br>61162-1:2016  |           |                  |
|   |   |                      |  | IEC<br>61162-2<br>Ed.1.0:1998-09   |           |                  |
|   |   |                      |  | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07 |           |                  |
|   |   |                      |  | IEC<br>61162-450:2018,   |           |                  |
|   |   | —                    | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,                        |  |           |                  |
|   |   | —                    | IEC<br>62288<br>Ed.<br>2.0:2014-07,                            |  |           |                  |
|   |   | —                    | IEC<br>62923-1:2018,   |  |           |                  |
|   |   | —                    | IEC<br>62923-2:2018.   |  |           |                  |
| MED/4.36<br>Radar<br>equipment<br>CAT 3<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74 | —                    | EN<br>60945:2002<br>incl.<br>IEC<br>60945                      | B+D<br>B+F<br>G  | 19.6.2018 | 29.8.2021<br>(I) |

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| Reg.<br>V/18.                         | Corr.<br>1:2008,                                       |
|---------------------------------------|--|
| Carriage and performance requirements | EN 61162 series:                                       |
| — SOLAS 74                            | EN 61162-1:2016  |
| — Reg. V/19, IMO Res.A.278(VIII),     | EN 61162-2:1998  |
| — IMO Res.A.694(17),                  | EN 61162-3:2008  |
| — IMO Res.MSC.191(79),                | +A1:2010+A2:2014                                       |
| — IMO Res.MSC.192(79),                | EN 61162-450:2011+A1:2016,                             |
| — IMO Res.MSC.302(87)                 | EN 62288:2014,   |
| — ITU-R M.1177-4 (04/11).             | EN 62388:2013.   |
| —                                     | 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 Ed.1.0:2011-06 with A1:2016,             |
| —                                     | IEC 62288  |



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|   |   |     |   |  |           |
|---|---|-----|---|--|-----------|
|   |   | —   | Ed.<br>2.0:2014-07,<br>IEC<br>62388<br>Ed.<br>2.0:2013-06.  |  |           |
| MED/4.36<br>Radar<br>equipment<br>CAT 3<br>Row 2 of 2 | Type<br>approval<br>requirements            | —   | EN B+D<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series: |  | 13.9.2019 |
|   | — SOLAS<br>74<br>Reg.<br>V/18.              | —   |   |  |           |
|   | Carriage and<br>performance<br>requirements | —   |   |  |           |
|   | — SOLAS<br>74<br>Reg.<br>V/19,              | —   | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014                |  |           |
|   | — IMO<br>Res.A.278(VIII),                   | —   | EN<br>61162-4:2018,   |  |           |
|   | — IMO<br>Res.A.694(17),                     | —   | EN<br>61162-5:2018,   |  |           |
|   | — IMO<br>Res.MSC.191(79),                   | —   | EN<br>62288:2014,   |  |           |
|   | — IMO<br>Res.MSC.192(79),                   | —   | EN<br>62388:2013,   |  |           |
|   | — IMO<br>Res.MSC.302(87),                   | —   | EN<br>62923-1:2018,   |  |           |
|   | — ITU-<br>R<br>M.1177-4<br>(04/11).         | —   | IEC<br>62923-2:2018.  |  |           |
|   |   | Or: |   |  |           |
|   |   | —   | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:         |  |           |
|   |   | —   | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09   |  |           |

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|   |  |   |  |  |                  |  |
|---|--|---|--|--|------------------|--|
|   |  |   |  | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |                  |  |
|   |  | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,  |  |                  |  |
|   |  | — | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,  |  |                  |  |
|   |  | — | IEC<br>62923-1:2018,   |  |                  |  |
|   |  | — | IEC<br>62923-2:2018.   |  |                  |  |
| MED/4.37<br>Radar<br>equipment<br>for high<br>speed craft<br>applications<br>(CAT 1H and<br>CAT 2H)<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | — | EN<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, | 19.6.2018  | 29.8.2021<br>(I) |  |
|   | Carriage and<br>performance<br>requirements<br>— IMO<br>Res.A.278(VIII),   | — | EN<br>62288:2014,<br>— EN<br>62388:2013.   |  |                  |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|              |              |                  |                |              |           |
|--------------|--------------|------------------|----------------|--------------|-----------|
|              | —            | IMO —            | IEC            |              |           |
|              |              | Res.A.694(17),   | 60945:2002     |              |           |
|              | —            | IMO              | incl.          |              |           |
|              |              | Res.MSC.36(63)   | IEC            |              |           |
|              |              | (1994            | 60945          |              |           |
|              |              | HSC              | Corr.          |              |           |
|              |              | Code)            | 1:2008,        |              |           |
|              |              | 13,              | —              | IEC          |           |
|              | —            | IMO              | 61162          |              |           |
|              |              | Res.MSC.97(73)   | series:        |              |           |
|              |              | (2000            | IEC            |              |           |
|              |              | HSC              | 61162-1:2016   |              |           |
|              |              | Code)            | IEC            |              |           |
|              |              | 13,              | 61162-2        |              |           |
|              | —            | IMO              | Ed.1.0:1998-09 |              |           |
|              |              | Res.MSC.191(79), | IEC            |              |           |
|              | —            | IMO              | 61162-3        |              |           |
|              |              | Res.MSC.192(79), | Ed.1.2         |              |           |
|              | —            | IMO              | Consol.        |              |           |
|              |              | Res.MSC.302(87), | with           |              |           |
|              | —            | IMO              | A1             |              |           |
|              |              | MSC.1/           | Ed.            |              |           |
|              |              | Circ.1349,       | 1.0:2010-11    |              |           |
|              | —            | ITU-             | and            |              |           |
|              |              | R                | A2             |              |           |
|              |              | M.1177-4         | Ed.            |              |           |
|              |              | (04/11).         | 1.0:2014-07    |              |           |
|              |              |                  | IEC            |              |           |
|              |              |                  | 61162-450      |              |           |
|              |              |                  | Ed.1.0:2011-06 |              |           |
|              |              |                  | with           |              |           |
|              |              |                  | A1:2016,       |              |           |
|              |              | —                | IEC            |              |           |
|              |              |                  | 62288          |              |           |
|              |              |                  | Ed.            |              |           |
|              |              |                  | 2.0:2014-07,   |              |           |
|              |              | —                | IEC            |              |           |
|              |              |                  | 62388          |              |           |
|              |              |                  | Ed.            |              |           |
|              |              |                  | 2.0:2013-06.   |              |           |
| MED/4.37     | Type         | —                | EN             | B+D          | 13.9.2019 |
| Radar        | approval     |                  | 60945:2002     | B+F          |           |
| equipment    | requirements |                  | incl.          | B+F          |           |
| for high     | —            | SOLAS            | IEC            | G            |           |
| speed craft  |              | 74               | 60945          |              |           |
| applications |              | Reg.             | Corr.          |              |           |
| (CAT 1H and  |              | X/3,             | 1:2008,        |              |           |
| CAT 2H)      | —            | IMO —            | EN             |              |           |
| Row 2 of 2   |              | Res.MSC.36(63)   | 61162          |              |           |
|              |              | (1994            | series:        |              |           |
|              |              | HSC              |                | EN           |           |
|              |              |                  |                | 61162-1:2016 |           |

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|   |                  |                  |  |
|---|------------------|------------------|--|
|   | Code)            | EN               |  |
| — | 13,              | 61162-2:1998     |  |
|   | IMO              | EN               |  |
|   | Res.MSC.97(73)-  | 61162-3:2008     |  |
|   | (2000            | +A1:2010+A2:2014 |  |
|   | HSC              | EN               |  |
|   | Code)            | IEC              |  |
|   | 13.              | 61162-450:2018,  |  |
|   | Carriage and     | EN               |  |
|   | performance      | 62288:2014,      |  |
|   | requirements     | EN               |  |
| — | IMO              | 62388:2013,      |  |
|   | Res.A.278(VIII)  | EN               |  |
| — | IMO              | IEC              |  |
|   | Res.A.694(17),   | 62923-1:2018,    |  |
| — | IMO              | EN               |  |
|   | Res.MSC.36(63)   | IEC              |  |
|   | (1994            | 62923-2:2018.    |  |
|   | Or:              |                  |  |
|   | HSC              | IEC              |  |
|   | Code)            | 60945:2002       |  |
| — | 13,              | incl.            |  |
|   | IMO              | IEC              |  |
|   | Res.MSC.97(73)   | 60945            |  |
|   | (2000            | Corr.            |  |
|   | HSC              | 1:2008,          |  |
|   | Code)            | IEC              |  |
|   | 13.              | 61162            |  |
| — | IMO              | series:          |  |
|   | Res.MSC.191(79), | IEC              |  |
| — | IMO              | 61162-1:2016     |  |
|   | Res.MSC.192(79), | IEC              |  |
| — | IMO              | 61162-2          |  |
|   | Res.MSC.302(87), | Ed.1.0:1998-09   |  |
| — | IMO              | IEC              |  |
|   | MSC.1/           | 61162-3          |  |
|   | Circ.1349,       | Ed.1.2           |  |
| — | ITU-             | Consol.          |  |
|   | R                | with             |  |
|   | M.1177-4         | A1               |  |
|   | (04/11).         | Ed.              |  |
|   |                  | 1.0:2010-11      |  |
|   |                  | and              |  |
|   |                  | A2               |  |
|   |                  | Ed.              |  |
|   |                  | 1.0:2014-07      |  |
|   |                  | IEC              |  |
|   |                  | 61162-450:2018,  |  |
|   | —                | IEC              |  |
|   |                  | 62288            |  |
|   |                  | Ed.              |  |
|   |                  | 2.0:2014-07,     |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |  |   |   |                 |           |                  |
|--|--|---|---|-----------------|-----------|------------------|
|  |  | — | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,                                     |                 |           |                  |
|  |  | — | IEC<br>62923-1:2018,  |                 |           |                  |
|  |  | — | IEC<br>62923-2:2018.  |                 |           |                  |
| MED/4.38a<br>Radar<br>equipment<br>approved<br>with a chart<br>option,<br>namely:<br>CAT 1C.<br>Row 1 of 3 | Type<br>approval<br>requirements                         | — | EN<br>60945:2002<br>incl. B+F<br>IEC<br>60945<br>Corr.<br>1:2008,           | B+D<br>B+F<br>G | 19.6.2018 | 29.8.2021<br>(I) |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | EN<br>61162<br>series:  |                 |           |                  |
|  | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+ |                 | A2:2014   |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | — | EN<br>61162-450:2011 )  |                 | +A1:2016, |                  |
|  | Carriage and<br>performance<br>requirements              | — | EN<br>62288:2014,   |                 |           |                  |
|  | — IMO<br>Res.A.278(VIII)<br>Qr                           | — | EN<br>62388:2013.   |                 |           |                  |
|  | — IMO<br>Res.A.694(17),                                  | — | IEC<br>60945:2002   |                 |           |                  |
|  | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | — | IEC<br>60945<br>Corr.<br>1:2008,  |                 |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13, | — | IEC<br>61162<br>series:   |                 |           |                  |
|  | — IMO<br>Res.MSC.191(79),                                | — | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09                     |                 |           |                  |
|  | — IMO<br>Res.MSC.192(79),                                | — | IEC<br>61162-3<br>Ed.1.2<br>Consol.   |                 |           |                  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                                       |   |  |   |           |               |
|--|---------------------------------------|---|--|---|-----------|---------------|
|  | —                                     | IMO Res.MSC.302(87),                                      |  | with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450 Ed.1.0:2011-06 with A1:2016, |           |               |
|  | —                                     | ITU-R M.1177-4 (04/11).                                   |  |   |           |               |
|  | —                                     |   | IEC 62288 Ed. 2.0:2014-07,                                     |   |           |               |
|  | —                                     |   | IEC 62388 Ed. 2.0:2013-06.                                     |   |           |               |
| MED/4.38a Radar equipment approved with a chart option, namely: CAT 1C. Row 2 of 3 | Type approval requirements            | —   | EN 60945-1:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series: | B+D B+F G   | 13.9.2019 | 12.8.2023 (I) |
|  | —                                     | SOLAS 74 Reg. X/3, IMO Res.MSC.36(63) (1994 HSC Code) 13, |  | EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,      |           |               |
|  | —                                     | IMO Res.MSC.97(73)-(2000 HSC Code) 13.                    |  |   |           |               |
|  | Carriage and performance requirements | —   | EN 62288:2014,   |   |           |               |
|  | —                                     | IMO Res.A.278(VIII)                                       | EN 62388:2013, IEC 62923-1:2018,                               |   |           |               |
|  | —                                     | IMO Res.A.694(17),  | IEC 62923-2:2018.  |   |           |               |
|  | —                                     | IMO Res.MSC.36(63) (1994 HSC                              | Or IEC 60945:2002 incl.  |   |           |               |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|              |              |                      |               |                 |           |
|--------------|--------------|----------------------|---------------|-----------------|-----------|
|              |              | Code)                | IEC           |                 |           |
|              |              | 13,                  | 60945         |                 |           |
|              | —            | IMO                  | Corr.         |                 |           |
|              |              | Res.MSC.97(73):2008, |               |                 |           |
|              |              | (2000                | IEC           |                 |           |
|              |              | HSC                  | 61162         |                 |           |
|              |              | Code)                | series:       |                 |           |
|              |              | 13,                  |               | IEC             |           |
|              | —            | IMO                  |               | 61162-1:2016    |           |
|              |              | Res.MSC.191(79),     |               | IEC             |           |
|              | —            | IMO                  |               | 61162-2         |           |
|              |              | Res.MSC.192(79),     |               | Ed.1.0:1998-09  |           |
|              | —            | IMO                  |               | IEC             |           |
|              |              | Res.MSC.302(87),     |               | 61162-3         |           |
|              | —            | ITU-                 |               | Ed.1.2          |           |
|              |              | R                    |               | Consol.         |           |
|              |              | M.1177-4             |               | with            |           |
|              |              | (04/11).             |               | A1              |           |
|              |              |                      |               | Ed.             |           |
|              |              |                      |               | 1.0:2010-11     |           |
|              |              |                      |               | and             |           |
|              |              |                      |               | A2              |           |
|              |              |                      |               | Ed.             |           |
|              |              |                      |               | 1.0:2014-07     |           |
|              |              |                      |               | IEC             |           |
|              |              |                      |               | 61162-450:2018, |           |
|              |              | —                    | IEC           |                 |           |
|              |              |                      | 62288         |                 |           |
|              |              |                      | Ed.           |                 |           |
|              |              |                      | 2.0:2014-07,  |                 |           |
|              |              | —                    | IEC           |                 |           |
|              |              |                      | 62388         |                 |           |
|              |              |                      | Ed.           |                 |           |
|              |              |                      | 2.0:          |                 |           |
|              |              |                      | 2013-06,      |                 |           |
|              |              | —                    | IEC           |                 |           |
|              |              |                      | 62923-1:2018, |                 |           |
|              |              | —                    | IEC           |                 |           |
|              |              |                      | 62923-2:2018. |                 |           |
| MED/4.38a    | Type         | —                    | EN            | B+D             | 12.8.2020 |
| Radar        | approval     |                      | 60945         | B+F             |           |
| equipment    | requirements |                      | incl.         | B+F             |           |
| approved     | —            | SOLAS                | IEC           | G               |           |
| with a chart | 74           |                      | 60945         |                 |           |
| option,      | Reg.         |                      | Corr.         |                 |           |
| namely:      | V/18.        |                      | 1:2008,       |                 |           |
| CAT 1C.      |              |                      | EN            |                 |           |
| Row 3 of 3   | Carriage and | —                    | 61162         |                 |           |
| (NEW ROW)    | performance  |                      | series:       |                 |           |
|              | requirements |                      |               | EN              |           |
|              | —            | IMO                  |               | 61162-1:2016    |           |
|              |              | Res.A.278(VIII),     |               |                 |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|------------------|------------------|--|
| — | IMO              | EN               |  |
|   | Res.A.694(17),   | 61162-2:1998     |  |
| — | IMO              | EN               |  |
|   | Res.MSC.191(79), | 61162-3:2008     |  |
| — | IMO              | +A1:2010+A2:2014 |  |
|   | Res.MSC.192(79), | EN               |  |
| — | IMO              | IEC              |  |
|   | Res.MSC.302(87), | 61162-450:2018,  |  |
| — | ITU-             | EN               |  |
|   | R                | 62288:2014,      |  |
|   | M.1177-4         | EN               |  |
|   | (04/11).         | 62388:2013,      |  |
|   | —                | 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.              |  |
|   |                  | 2.0:2014-07,     |  |



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|--|--|---|---|-----------------|-----------|------------------|
|  |  | — | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,   |                 |           |                  |
|  |  | — | IEC<br>62923-1:2018,  |                 |           |                  |
|  |  | — | IEC<br>62923-2:2018.  |                 |           |                  |
| MED/4.38b<br>Radar<br>equipment<br>approved<br>with a chart<br>option,<br>namely:<br>CAT 2C.<br>Row 1 of 3 | Type<br>approval<br>requirements                         | — | EN<br>60945:2002<br>incl. B+F<br>IEC<br>60945   | B+D<br>B+F<br>G | 19.6.2018 | 29.8.2021<br>(I) |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | Corr.<br>1:2008,  |                 |           |                  |
|  | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | — | EN<br>61162<br>series:  |                 |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |                 |           |                  |
|  | Carriage and<br>performance<br>requirements              | — | EN<br>62288:2014,   |                 |           |                  |
|  | — IMO<br>Res.A.278(VIII)                                 | — | EN<br>62388:2013.   |                 |           |                  |
|  | — IMO<br>Res.A.694(17),                                  | — | IEC<br>60945:2002   |                 |           |                  |
|  | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | — | incl.<br>IEC<br>60945<br>Corr.<br>1:2008,   |                 |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13, | — | IEC<br>61162<br>series:   |                 |           |                  |
|  | — IMO<br>Res.MSC.191(79),                                | — | IEC<br>61162-1:2016   |                 |           |                  |
|  | — IMO<br>Res.MSC.192(79),                                | — | IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.   |                 |           |                  |

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|--|---------------------------------------|---|--|---|-----------|---------------|
|  | —                                     | IMO Res.MSC.302(87),                                      |  | with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450 Ed.1.0:2011-06 with A1:2016, |           |               |
|  | —                                     | ITU-R M.1177-4 (04/11).                                   |  |   |           |               |
|  | —                                     |   | IEC 62288 Ed. 2.0:2014-07,                                     |   |           |               |
|  | —                                     |   | IEC 62388 Ed. 2.0:2013-06.                                     |   |           |               |
| MED/4.38b Radar equipment approved with a chart option, namely: CAT 2C. Row 2 of 3 | Type approval requirements            | —   | EN 60945-1:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series: | B+D B+F G   | 13.9.2019 | 12.8.2023 (I) |
|  | —                                     | SOLAS 74 Reg. X/3, IMO Res.MSC.36(63) (1994 HSC Code) 13, |  | EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,      |           |               |
|  | —                                     | IMO Res.MSC.97(73)- (2000 HSC Code) 13.                   |  |   |           |               |
|  | Carriage and performance requirements | —   | EN 62288:2014,   |   |           |               |
|  | —                                     | IMO Res.A.278(VIII)                                       | EN 62388:2013, IEC 62923-1:2018,                               |   |           |               |
|  | —                                     | IMO Res.A.694(17),  | IEC 62923-2:2018.  |   |           |               |
|  | —                                     | IMO Res.MSC.36(63) (1994 HSC                              | Or IEC 60945:2002 incl.  |   |           |               |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|----------------------------------|----------------------|------------------|-----------------|-----------|
|   |                                  | Code)                | IEC              |                 |           |
|   |                                  | 13,                  | 60945            |                 |           |
|   | —                                | IMO                  | Corr.            |                 |           |
|   |                                  | Res.MSC.97(73):2008, |                  |                 |           |
|   |                                  | (2000                | IEC              |                 |           |
|   |                                  | HSC                  | 61162            |                 |           |
|   |                                  | Code)                | series:          |                 |           |
|   |                                  | 13,                  |                  | IEC             |           |
|   | —                                | IMO                  |                  | 61162-1:2016    |           |
|   |                                  | Res.MSC.191(79),     |                  | IEC             |           |
|   | —                                | IMO                  |                  | 61162-2         |           |
|   |                                  | Res.MSC.192(79),     |                  | Ed.1.0:1998-09  |           |
|   | —                                | IMO                  |                  | IEC             |           |
|   |                                  | Res.MSC.302(87),     |                  | 61162-3         |           |
|   | —                                | ITU-                 |                  | Ed.1.2          |           |
|   |                                  | R                    |                  | Consol.         |           |
|   |                                  | M.1177-4             |                  | with            |           |
|   |                                  | (04/11).             |                  | A1              |           |
|   |                                  |                      |                  | Ed.             |           |
|   |                                  |                      |                  | 1.0:2010-11     |           |
|   |                                  |                      |                  | and             |           |
|   |                                  |                      |                  | A2              |           |
|   |                                  |                      |                  | Ed.             |           |
|   |                                  |                      |                  | 1.0:2014-07     |           |
|   |                                  |                      |                  | IEC             |           |
|   |                                  |                      |                  | 61162-450:2018, |           |
|   |                                  | —                    | IEC              |                 |           |
|   |                                  |                      | 62288            |                 |           |
|   |                                  |                      | Ed.              |                 |           |
|   |                                  |                      | 2.0:2014-07,     |                 |           |
|   |                                  | —                    | IEC              |                 |           |
|   |                                  |                      | 62388            |                 |           |
|   |                                  |                      | Ed.              |                 |           |
|   |                                  |                      | 2.0:             |                 |           |
|   |                                  |                      | 2013-06,         |                 |           |
|   |                                  | —                    | IEC              |                 |           |
|   |                                  |                      | 62923-1:2018,    |                 |           |
|   |                                  | —                    | IEC              |                 |           |
|   |                                  |                      | 62923-2:2018.    |                 |           |
| MED/4.38b<br>Radar<br>equipment<br>approved<br>with a chart<br>option,<br>namely:<br>CAT 2C.<br>Row 3 of 3<br>(NEW ROW) | Type<br>approval<br>requirements | —                    | EN               | B+D             | 12.8.2020 |
|   |                                  | —                    | 60945            | B+F             |           |
|   |                                  | —                    | incl.            | B+F             |           |
|   |                                  | —                    | IEC              | G               |           |
|   |                                  | —                    | 60945            |                 |           |
|   |                                  | —                    | Corr.            |                 |           |
|   |                                  | —                    | 1:2008,          |                 |           |
|   |                                  | —                    | EN               |                 |           |
|   |                                  | —                    | 61162            |                 |           |
|   |                                  | —                    | series:          |                 |           |
|   |                                  | —                    | EN               |                 |           |
|   |                                  | —                    | 61162-1:2016     |                 |           |
|   |                                  | —                    | IMO              |                 |           |
|   |                                  | —                    | Res.A.278(VIII), |                 |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|------------------|------------------|--|
| — | IMO              | EN               |  |
|   | Res.A.694(17),   | 61162-2:1998     |  |
| — | IMO              | EN               |  |
|   | Res.MSC.191(79), | 61162-3:2008     |  |
| — | IMO              | +A1:2010+A2:2014 |  |
|   | Res.MSC.192(79), | EN               |  |
| — | IMO              | IEC              |  |
|   | Res.MSC.302(87), | 61162-450:2018,  |  |
| — | ITU-             | EN               |  |
|   | R                | 62288:2014,      |  |
|   | M.1177-4         | EN               |  |
|   | (04/11).         | 62388:2013,      |  |
|   | —                | 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.              |  |
|   |                  | 2.0:2014-07,     |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |  |   |   |   |           |                  |
|--|--|---|---|---|-----------|------------------|
|  |  | — | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,                             |   |           |                  |
|  |  | — | IEC<br>62923-1:2018,  |   |           |                  |
|  |  | — | IEC<br>62923-2:2018.  |   |           |                  |
| MED/4.38c<br>Radar<br>equipment<br>for high<br>speed craft<br>applications<br>approved<br>with a chart<br>option,<br>namely:<br>CAT 1HC.<br>Row 1 of 2 | Type<br>approval<br>requirements                         | — | EN<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008, | B+D<br>B+F<br>G   | 19.6.2018 | 29.8.2021<br>(I) |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | EN<br>61162<br>series:  | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011 )+A1:2016, |           |                  |
|  | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | — | EN<br>61162<br>series:  | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011 )+A1:2016, |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | — | EN<br>62288:2014,<br>EN<br>62388:2013.                              |   |           |                  |
|  | — IMO<br>Res.A.278(VIII)<br>Qr                           | — | IEC<br>60945:2002   |   |           |                  |
|  | — IMO<br>Res.A.694(17),                                  | — | IEC<br>60945<br>incl.   |   |           |                  |
|  | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | — | IEC<br>60945<br>Corr.<br>1:2008,                                    |   |           |                  |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13, | — | IEC<br>61162<br>series:   | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09   |           |                  |
|  | — IMO<br>Res.MSC.191(79),                                | — | IEC<br>61162-3  |   |           |                  |
|  | — IMO<br>Res.MSC.192(79),                                | — | Ed.1.2<br>Consol.   |   |           |                  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                                       |   |   |  |           |
|---|---------------------------------------|---|---|--|-----------|
|   | —                                     | ITU-R M.1177-4 (04/11),                 |   | with A1 Ed. 1.0:2010-11                    |           |
|   | —                                     | IMO Res.MSC.302(87),                    |   | and A2 Ed. 1.0:2014-07                     |           |
|   | —                                     | IMO MSC.1/Circ.1349.                    |   | IEC 61162-450 Ed.1.0:2011-06 with A1:2016, |           |
|   | —                                     |   | IEC 62288 Ed. 2.0:2014-07,                    |  |           |
|   | —                                     |   | IEC 62388 Ed. 2.0:2013-06.                    |  |           |
| MED/4.38c<br>Radar equipment for high speed craft applications approved with a chart option, namely: CAT 1HC.<br>Row 2 of 2 | Type approval requirements            | —                                       | EN 60945-1:2002 incl. IEC 60945 Corr. 1:2008, | B+D B+F G                                  | 13.9.2019 |
|   | —                                     | SOLAS 74 Reg. X/3,                      | EN 61162 series:                              | EN 61162-1:2016                            |           |
|   | —                                     | IMO Res.MSC.36(63) (1994 HSC Code) 13,  |   | EN 61162-2:1998                            |           |
|   | —                                     | IMO Res.MSC.97(73)- (2000 HSC Code) 13. |   | EN 61162-3:2008 +A1:2010+A2:2014           |           |
|   | Carriage and performance requirements | —                                       | EN 62288:2014,                                | EN 61162-450:2018,                         |           |
|   | —                                     | IMO Res.A.278(VIII)                     | EN 62388:2013,                                |  |           |
|   | —                                     | IMO Res.A.694(17),                      | IEC 62923-1:2018,                             |  |           |
|   | —                                     | IMO Res.MSC.36(63) (1994 HSC Or:        | EN 62923-2:2018.                              |  |           |

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|              |              |                  |                 |     |           |           |
|--------------|--------------|------------------|-----------------|-----|-----------|-----------|
|              |              | Code)            | IEC             |     |           |           |
|              |              | 13,              | 60945:2002      |     |           |           |
|              |              | IMO              | incl.           |     |           |           |
|              |              | Res.MSC.97(73)   | IEC             |     |           |           |
|              |              | (2000            | 60945           |     |           |           |
|              |              | HSC              | Corr.           |     |           |           |
|              |              | Code)            | 1:2008,         |     |           |           |
|              |              | 13,              | IEC             |     |           |           |
|              |              | IMO              | 61162           |     |           |           |
|              |              | Res.MSC.191(78)  | series:         |     |           |           |
|              |              | IMO              | IEC             |     |           |           |
|              |              | Res.MSC.192(79), | 61162-1:2016    |     |           |           |
|              |              | ITU-             | IEC             |     |           |           |
|              |              | R                | 61162-2         |     |           |           |
|              |              | M.1177-4         | Ed.1.0:1998-09  |     |           |           |
|              |              | (04/11),         | IEC             |     |           |           |
|              |              | IMO              | 61162-3         |     |           |           |
|              |              | Res.MSC.302(87), | Ed.1.2          |     |           |           |
|              |              | IMO              | Consol.         |     |           |           |
|              |              | MSC.1/           | with            |     |           |           |
|              |              | Circ.1349.       | A1              |     |           |           |
|              |              |                  | Ed.             |     |           |           |
|              |              |                  | 1.0:2010-11     |     |           |           |
|              |              |                  | and             |     |           |           |
|              |              |                  | A2              |     |           |           |
|              |              |                  | Ed.             |     |           |           |
|              |              |                  | 1.0:2014-07     |     |           |           |
|              |              |                  | IEC             |     |           |           |
|              |              |                  | 61162-450:2018, |     |           |           |
|              |              |                  | IEC             |     |           |           |
|              |              |                  | 62288           |     |           |           |
|              |              |                  | Ed.             |     |           |           |
|              |              |                  | 2.0:2014-07,    |     |           |           |
|              |              |                  | IEC             |     |           |           |
|              |              |                  | 62388           |     |           |           |
|              |              |                  | Ed.             |     |           |           |
|              |              |                  | 2.0:            |     |           |           |
|              |              |                  | 2013-06,        |     |           |           |
|              |              |                  | IEC             |     |           |           |
|              |              |                  | 62923-1:2018,   |     |           |           |
|              |              |                  | IEC             |     |           |           |
|              |              |                  | 62923-2:2018.   |     |           |           |
| MED/4.38d    | Type         | —                | EN              | B+D | 19.6.2018 | 29.8.2021 |
| Radar        | approval     |                  | 60945:2002      | B+D |           | (I)       |
| equipment    | requirements |                  | incl.           | B+F |           |           |
| for high     | —            | SOLAS            | IEC             | G   |           |           |
| speed craft  |              | 74               | 60945           |     |           |           |
| applications |              | Reg.             | Corr.           |     |           |           |
| approved     |              | X/3,             | 1:2008,         |     |           |           |
| with a chart | —            | IMO              | EN              |     |           |           |
| option,      |              | Res.MSC.36(63)   | 61162           |     |           |           |
| namely:      |              | (1994            | series:         |     |           |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|                        |  |   |   |
|------------------------|--|---|---|
| CAT 2HC.<br>Row 1 of 2 | HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.  |   | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |
|                        | Carriage and<br>performance<br>requirements  | — EN<br>62288:2014,<br>— IEC<br>62388<br>Ed.<br>2.0:2013-06.  |   |
|                        | IMO<br>Res.A.278(VIII)   | Or  |   |
|                        | IMO<br>Res.A.694(17),  | IEC<br>60945:2002   |   |
|                        | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.191(79),<br>IMO<br>Res.MSC.192(79),<br>IMO<br>Res.MSC.302(87),<br>IMO<br>MSC.1/<br>Circ.1349,<br>ITU-<br>R<br>M.1177-4<br>(04/11). | incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016, |   |
|                        |  | — IEC<br>62288<br>Ed.<br>2.0:2014-07,   |   |



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|--|--|---|--|-----------------|-----------|
|  |  | — | EN<br>62388:2013.  |                 |           |
| MED/4.38d<br>Radar<br>equipment<br>for high<br>speed craft<br>applications<br>approved<br>with a chart<br>option,<br>namely:<br>CAT 2HC.<br>Row 2 of 2 | Type<br>approval<br>requirements   | — | EN<br>60945:2002<br>incl. B+D<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:                      | B+D<br>B+F<br>G | 13.9.2019 |
|  | — SOLAS<br>74<br>Reg.<br>X/3,<br>IMO —<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018, |                 |           |
|  | Carriage and<br>performance<br>requirements  | — | EN<br>62288:2014,<br>EN<br>62388:2013,<br>EN<br>IEC<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018.                 |                 |           |
|  | — IMO<br>Res.A.278(VIII)   | — | EN<br>62388:2013,  |                 |           |
|  | — IMO<br>Res.A.694(17),  | — | IEC<br>62923-1:2018,   |                 |           |
|  | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>Or:<br>13,<br>IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>13,                            | — | EN<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:                    |                 |           |
|  | — IMO<br>Res.MSC.191(79),  | — | IEC<br>61162-1:2016  |                 |           |
|  | — IMO<br>Res.MSC.302(87),  | — | IEC<br>61162-2<br>Ed.1.0:1998-09   |                 |           |
|  | — MSC.1/<br>Circ.1349,   | — | IEC<br>61162-3<br>Ed.1.2<br>Consol.  |                 |           |
|  | — ITU-<br>R  | — |  |                 |           |

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|--|---|---|--|---|--|
|  | M.1177-4<br>(04/11).  |   |  | with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>IEC<br>62288<br>Ed.<br>2.0:2014-07,<br>IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,<br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |  |
| MED/4.39<br>Radar<br>reflector -<br>passive type<br>Row 1 of 1 | Type<br>approval<br>requirements  | — | ISO 8729-<br>EN 60945<br>incl.<br>IEC 60945<br>Corr.<br>1:2008.<br>Or:<br>ISO 8729-1:2010,<br>IEC 60945:2002<br>incl.<br>IEC 60945<br>Corr.<br>1:2008. | B+D<br>B+E10,<br>B+F<br>C2002   |  |
|  | — SOLAS<br>74<br>Reg.<br>V/18,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>13. |   |  |   |  |
|  | Carriage and<br>performance<br>requirements   | — | SOLAS<br>74  |   |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---------------------------------------|--|---|---------------------|-----------|---------------|
|   | —                                     | 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).   |   |                     |           |               |
| MED/4.40<br>Heading control system for high speed craft<br>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. | — 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 61162-450:2011+A1:2016, | B+D B+B3, B+F C2002 | 19.6.2018 | 29.8.2021 (I) |
|   | Carriage and performance requirements | —  | EN 62288:2014.  |                     |           |               |
|   | —                                     | IMO Res.A.694(17),   | Or  |                     |           |               |
|   | —                                     | IMO Res.A.822(19),   | ISO 16329:2003,   |                     |           |               |
|   | —                                     | IMO Res.MSC.36(63)-(1994 HSC Code) 13, IMO Res.MSC.97(73)-(2000 HSC Code) 13.                      | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61162 series:  |                     |           |               |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   |  | Code)<br>13,<br>— IMO<br>Res.MSC.191(79),<br>— IMO<br>Res.MSC.302(87),<br>— IMO<br>MSC.1/<br>Circ.1349. |   | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016,<br><br>— IEC<br>62288<br>Ed.<br>2.0:2014-07. |  |
| MED/4.40<br>Heading<br>control<br>system for<br>high speed<br>craft<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63):2008,<br>(1994—<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.<br><br>Carriage and<br>performance<br>requirements<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.A.822(19), | —<br>—<br>—   | ISO B+D<br>16329:2003,<br>— EN B+F<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>EN<br>61162<br>series:<br><br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018,<br><br>— EN<br>62288:2014, | 13.9.2019  |  |

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|   |   |  |   |   |                  |
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|   | —   | IMO — EN<br>Res.MSC.36(63)IEC<br>(1994 62923-1:2018,<br>HSC — EN<br>Code) IEC<br>13, 62923-2:2018. |   |   |                  |
|   | —   | IMO Or:<br>Res.MSC.97(73)ISO<br>(2000 16329:2003,<br>HSC — IEC<br>Code) 60945:2002<br>13, incl.    |   |   |                  |
|   | —   | IMO IEC<br>Res.MSC.191(70)945  |   |   |                  |
|   | —   | IMO Corr.<br>Res.MSC.302(87)2008,  |   |   |                  |
|   | —   | IMO — IEC<br>MSC.1/ 61162<br>Circ.1349. series:  |   |   |                  |
|   |   |  |   | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |                  |
|   |   | —  | IEC<br>62288<br>Ed.<br>2.0:2014-07,                         |   |                  |
|   |   | —  | IEC<br>62923-1:2018,  |   |                  |
|   |   | —  | IEC<br>62923-2:2018.  |   |                  |
| MED/4.41<br>Transmitting<br>heading<br>device THD<br>(GNSS<br>method) | Type<br>approval<br>requirements<br>— SOLAS<br>74 | —  | ISO B+D<br>22090B+D<br>EN B+F<br>60945G2002<br>incl.<br>IEC | 19.6.2018   | 29.8.2021<br>(I) |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

Row 1 of 2

|   |  |  |  |
|---|--|--|--|
| — | Reg. V/18, SOLAS 74  | 60945 Corr. 1:2008, EN 61162 series:   |  |
| — | Reg. X/3, IMO Res.MSC.36(63)-(1994 HSC Code) 13,                     | EN 61162-1:2016 EN 61162-2:1998 EN 62288:2014.                                   |  |
| — | IMO Or: Res.MSC.97(73) (2000 HSC Code) 13.                           | ISO 22090-3:2014, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61162 series: |  |
| — | Carriage and performance requirements SOLAS 74                       | IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 62288 Ed. 2.0:2014-07.           |  |
| — | Reg. V/19, IMO Res.A.694(17), IMO Res.MSC.36(63)-(1994 HSC Code) 13, | IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 62288 Ed. 2.0:2014-07.           |  |
| — | IMO Res.MSC.97(73) (2000 HSC Code) 13,                               | And as applicable: EN 61162-3:2008 +A1:2010+A2:2014 EN 61162-450:2011+A1:2016.   |  |
| — | IMO Res.MSC.116(73), Or: IMO Res.MSC.191(79), IMO Res.MSC.302(87)    | IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2                        |  |



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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|----------------------------|---|--|---|--|
|  |                            | — | IMO Ed.<br>Res.MSC.116(73):2014-07,  |   |  |
|  |                            | — | IMO — IEC<br>Res.MSC.191(76)2023-1:2018,   |   |  |
|  |                            | — | IMO — IEC<br>Res.MSC.302(87)2023-2:2018.   |   |  |
|  |                            |   | And as applicable:   |   |  |
|  |                            | — | EN 61162 series:   | EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018.  |  |
|  |                            | — | 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. |  |
| MED/4.42 Searchlight for high speed craft Row 1 of 1 | Type approval requirements | — | ISO 17884:2004, EN 60945:2002 incl. IEC 60945  | B+D B+F   |  |
|  |                            | — | SOLAS 74 Reg. X/3, IMO Res.MSC.36(63):2008. (1994 Or: HSC Code) 13, IMO Res.MSC.97(73) incl. (2000 HSC |   |  |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|--|--|------------|--|
|   | Code)<br>13.                                 | Corr.<br>1:2008.                                 |            |  |
|   | 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.     |  |            |  |
| MED/4.43<br>Night vision equipment for high speed craft<br>Row 1 of 1 | Type approval requirements                   | — ISO 16273:2003, EN 60945:2002 incl. IEC 60945  | B+D<br>B+F |  |
|   | — SOLAS 74 Reg. X/3,                         | — ISO 16273:2003, EN 60945:2002 incl. IEC 60945  |            |  |
|   | — IMO Res.MSC.36(63)-(1994 HSC Code) Or: 13, | Corr. 1:2008, EN 62288:2014.                     |            |  |
|   | — IMO Res.MSC.97(73)-(2000 HSC Code) 13.     | — ISO 16273:2003, IEC 60945:2002 incl. IEC 60945 |            |  |
|   | Carriage and performance requirements        | — IEC 62288                                      |            |  |
|   | — IMO Res.A.694(17),                         | Ed. 2.0:2014-07.                                 |            |  |
|   | — IMO Res.MSC.36(63)-(1994 HSC Code) 13,     |  |            |  |
|   | — IMO Res.MSC.94(72),                        |  |            |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---|--|---|-------------------------|-----------|-----------------|
|   | —   | IMO Res.MSC.97(73)-(2000 HSC Code) 13,     |   |                         |           |                 |
|   | —   | IMO Res.MSC.191(79).                       |   |                         |           |                 |
| MED/4.44<br>Differential<br>beacon<br>receiver for<br>DGPS and<br>DGLONASS<br>Equipment<br>Row 1 of 2 | Type<br>approval<br>requirements            | —  | EN 60945<br>incl. IEC 60945<br>Corr. 1:2008,<br>IEC 61108-4:2004,<br>EN 61162<br>series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN 61162-450:2011+A1:2016. | B+D<br>B+B2<br>B+F<br>G | 19.6.2018 | 7.5.2021<br>(I) |
|   | —   | 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) Or: 13. |   |                         |           |                 |
|   | Carriage and<br>performance<br>requirements | —  | IEC 60945:2002<br>incl. IEC 60945<br>Corr. 1:2008,<br>IEC 61108-4:2004,<br>IEC 61162<br>series:<br>IEC 61162-1:2016<br>IEC 61162-2<br>Ed.1.0:1998-09<br>IEC 61162-3<br>Ed.1.2<br>Consol.<br>with    |                         |           |                 |
|   | —   | 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,     |   |                         |           |                 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---|--|---|---|-----------|
|   | —   | IMO<br>Res.MSC.114(73).                                      |   | A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016. |           |
| MED/4.44<br>Differential<br>beacon<br>receiver for<br>DGPS and<br>DGLONASS<br>Equipment<br>Row 2 of 2 | Type<br>approval<br>requirements            | —  | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61108-4:<br>2004,<br>EN<br>61162<br>series:   | B+D<br>B+B2<br>B+F<br>G   | 13.9.2019 |
|   | —   | SOLAS<br>74<br>Reg.<br>V/18,<br>SOLAS-<br>74<br>Reg.<br>X/3, | —   |   |           |
|   | —   | IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,        | —   | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014                                    |           |
|   | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.       | —   | EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018.  |           |
|   | Carriage and<br>performance<br>requirements | Or:<br>—   | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61108-4:<br>2004,<br>IEC<br>61162<br>series: |   |           |
|   | —   | SOLAS<br>74<br>Reg.<br>V/19,                                 | —   |   |           |
|   | —   | IMO<br>Res.A.694(17),  | —   |   |           |
|   | —   | IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,        | —   | IEC<br>61162-1:2016   |           |
|   | —   | IMO<br>Res.MSC.97(73)-                                       | —   |   |           |

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|--|--|--|--|--|
|  |  | (2000 HSC Code) 13, IMO Res.MSC.114(73). | 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. |  |
|--|--|--|--|--|

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

|   |                                       |  |  |           |               |
|---|---------------------------------------|--|--|-----------|---------------|
| 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. | ISO 22090 B+B, 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 61162-450:2011 )+A1:2016, EN 62288:2014. | 19.6.2018 | 29.8.2021 (I) |
|   | Carriage and performance requirements | Or: — SOLAS 74 Reg. V/19, IMO Res.A.694(17),   | ISO 22090-1:2014, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,   |           |               |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|----------------------------|--|---|---|-----------|--|
|   | —                          | IMO Res.MSC.36(63) (1994 HSC Code) 13,   | — | IEC 61162 series:   |           |  |
|   | —                          | IMO Res.MSC.97(73)- (2000 HSC Code) 13,  |   | 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 Ed.1.0:2011-06 with A1:2016,    |           |  |
|   | —                          | IMO Res.MSC.116(73),   |   | IEC 62288 Ed. 2.0:2014-07.  |           |  |
|   | —                          | IMO Res.MSC.191(79),   |   |   |           |  |
|   | —                          | IMO Res.MSC.302(87).   |   |   |           |  |
| MED/4.46<br>Transmitting heading device THD (Gyroscopic method)<br>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. | — | ISO 22090 B+B, 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, | 13.9.2019 |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|                                 |                                       |   |                         |                 |                            |
|---------------------------------|---------------------------------------|---|-------------------------|-----------------|----------------------------|
|                                 | Carriage and performance requirements | — | EN 62288:2014,          |                 |                            |
|                                 |                                       | — | EN 62923-1:2018,        |                 |                            |
|                                 | SOLAS 74                              | — | IEC 62923-2:2018.       |                 |                            |
|                                 | Reg. V/19,                            | — | EN 62923-2:2018.        |                 |                            |
|                                 | IMO Res.A.954(17),                    | — | ISO 22090-1:2014,       |                 |                            |
|                                 | IMO Res.MSC.36(63) (1994              | — | IEC 60945:2002          |                 |                            |
|                                 | HSC Code) 13,                         | — | incl. IEC 60945         |                 |                            |
|                                 | IMO Res.MSC.97(73) (2000              | — | Corr. 1:2008,           |                 |                            |
|                                 | HSC Code) 13,                         | — | IEC 61162 series:       |                 |                            |
|                                 | IMO Res.MSC.116(73),                  | — | IEC 61162-1:2016        |                 |                            |
|                                 | IMO Res.MSC.191(79),                  | — | IEC 61162-2             |                 |                            |
|                                 | IMO Res.MSC.302(87).                  | — | 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. 2.0:2014-07,        |                 |                            |
|                                 |                                       | — | IEC 62923-1:2018,       |                 |                            |
|                                 |                                       | — | IEC 62923-2:2018.       |                 |                            |
| MED/4.47 Simplified voyage data | Type approval requirements            | — | EN 60945-2002 incl. IEC | B+D<br>B+F<br>G | 19.6.2018<br>29.8.2021 (I) |

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|                                |   |   |   |   |
|--------------------------------|---|---|---|---|
| recorder (S-VDR)<br>Row 1 of 2 | — | SOLAS<br>74<br>Reg.<br>V/20.                | 60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:                                       |   |
|                                |   | Carriage and<br>performance<br>requirements |   | EN<br>61162-1:2016  |
|                                | — | SOLAS<br>74<br>Reg.<br>V/20.                | 61162-2:1998<br>EN<br>61162-3:2008  |   |
|                                | — | IMO<br>Res.A.694(17),                       | +A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,   |   |
|                                | — | IMO<br>Res.MSC.163(78)                      | EN<br>61996-2:2008,   |   |
|                                | — | IMO<br>Res.MSC.191(79)                      | EN<br>62288:2014.   |   |
|                                | — | IMO<br>Res.MSC.302(87).                     | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series: | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016, |

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|---|---|---|--|-----------|--|
|   |   | — | IEC<br>61996-2:2007,<br>—<br>IEC<br>62288<br>Ed.<br>2.0:2014-07.   |           |  |
| MED/4.47<br>Simplified<br>voyage data<br>recorder (S-<br>VDR)<br>Row 2 of 2 | Type<br>approval<br>requirements            | — | EN B+D<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:                  | 13.9.2019 |  |
|   | — SOLAS<br>74<br>Reg.<br>V/20.              | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018, |           |  |
|   | Carriage and<br>performance<br>requirements | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018, |           |  |
|   | — SOLAS<br>74<br>Reg.<br>V/20.              | — | EN<br>61996-2:2008,<br>EN<br>62288:2014,<br>EN<br>IEC<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018.               |           |  |
|   | — IMO<br>Res.A.694(17),                     | — | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>—<br>IEC<br>61162<br>series:                     |           |  |
|   | — IMO<br>Res.MSC.163(78),                   | — | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09  |           |  |
|   | — IMO<br>Res.MSC.191(79),                   | — |  |           |  |
|   | — IMO<br>Res.MSC.302(87),                   | — |  |           |  |
|   | Or:   | — |  |           |  |
|   | —   | — |  |           |  |
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|  |  |   | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |  |
|  |  | — | IEC<br>61996-2:<br>2007,   |  |
|  |  | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,  |  |
|  |  | — | IEC<br>62923-1:2018,   |  |
|  |  | — | IEC<br>62923-2:2018.   |  |

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”).

|  |   |   |  |  |                |
|--|---|---|--|--|----------------|
| MED/4.49<br>Pilot ladder<br>Row 1 of 2 | Type approval requirements<br>— SOLAS 74 Reg. V/23,<br>— SOLAS 74 Reg. X/3.<br><br>Carriage and performance requirements<br>— SOLAS 74 Reg. V/23,<br>— IMO Res. A.1045(27), | — | IMO B+D Res. B+E A.1045(27), as amended, ISO 799:2004. |  | 12.8.2023 (II) |
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|---|---|---|---|-----------------|-----------|------------------|
|   | —   | IMO<br>MSC/<br>Circ.1428.   |   |                 |           |                  |
| MED/4.49<br>Pilot ladder<br>Row 2 of 2<br>(NEW ROW) | Type<br>approval<br>requirements            | —   | IMO<br>Res.<br>A.1045(27),<br>as<br>amended,<br>ISO<br>799-1:2019.  | B+D<br>B+E<br>G | 12.8.2020 |                  |
|   | —   | SOLAS<br>74<br>Reg.<br>V/23,<br>—<br>SOLAS<br>74<br>Reg.<br>X/3.  |   |                 |           |                  |
|   | Carriage and<br>performance<br>requirements | —   |   |                 |           |                  |
|   | —   | SOLAS<br>74<br>Reg.<br>V/23,<br>—<br>IMO<br>Res.<br>A.1045(27),<br>—<br>IMO<br>MSC/<br>Circ.1428.   |   |                 |           |                  |
| MED/4.50<br>DGPS<br>Equipment<br>Row 1 of 2         | Type<br>approval<br>requirements            | —   | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>—<br>EN<br>61108-1:2003,<br>—<br>EN<br>61108-4:2004,<br>—<br>EN<br>61162<br>series:<br>—<br>EN<br>61162-1:2016<br>—<br>EN<br>61162-2:1998<br>—<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>—<br>EN<br>61162-450:2011+A1:2016, | B+D<br>B+F<br>G | 19.6.2018 | 29.8.2021<br>(I) |
|   | —   | SOLAS<br>74<br>Reg.<br>V/18,<br>—<br>SOLAS<br>74<br>Reg.<br>X/3,<br>—<br>IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,<br>—<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. |   |                 |           |                  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|                                    |  |     |   |           |           |
|------------------------------------|--|-----|---|-----------|-----------|
|                                    | Carriage and performance requirements  | —   | EN 62288:2014.  |           |           |
|                                    |  | Or: |   |           |           |
|                                    | — 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.112(73), IMO Res.MSC.114(73), IMO Res.MSC.191(79), IMO Res.MSC.302(87). | —   | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61108-1:2003, IEC 61108-4:2004, 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 Ed.1.0:2011-06 with A1:2016, |           |           |
|                                    |  | —   | IEC 62288 Ed. 2.0:2014-07.  |           |           |
| MED/4.50 DGPS Equipment Row 2 of 2 | Type approval requirements   | —   | EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61108-1:2003,  | B+D B+F G | 13.9.2019 |
|                                    | — SOLAS 74 Reg. V/18, SOLAS 74   | —   | EN 61108-1:2003,  |           |           |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|---|---|--|
|  | Reg. X/3, IMO Res.MSC.36(63) (1994 HSC Code) 13, | — | EN 61108-4:2004,  |  |
|  | IMO Res.MSC.97(73)- (2000 HSC Code) 13.          | — | EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN 61162-450:2018,       |  |
|  | Carriage and performance requirements            | — | EN 62288:2014,  |  |
|  | SOLAS 74   | — | EN 62923-1:2018,  |  |
|  | Reg. V/19, IMO Res.A.694(17), Or:                | — | EN 62923-2:2018.  |  |
|  | IMO Res.MSC.36(63) (1994 HSC Code) 13,           | — | IEC 60945:2002<br>incl. IEC 60945<br>Corr. 1:2008,  |  |
|  | IMO Res.MSC.97(73) (2000 HSC Code) 13,           | — | IEC 61108-1:2003,<br>IEC 61108-4:2004,  |  |
|  | IMO Res.MSC.112(73)                              | — | IEC 61162   |  |
|  | IMO Res.MSC.114(73)                              | — | series:   |  |
|  | IMO Res.MSC.191(79),                             | — | IEC 61162-1:2016  |  |
|  | IMO Res.MSC.302(87).                             | — | IEC 61162-2<br>Ed.1.0:1998-09<br>IEC 61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11 |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|   |  |          |   | and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |           |                  |
|   |  | —        | IEC<br>62288<br>Ed.<br>2.0:2014-07,   |   |           |                  |
|   |  | —        | IEC<br>62923-1:2018,  |   |           |                  |
|   |  | —        | IEC<br>62923-2:2018.  |   |           |                  |
| MED/4.51<br>DGLONASS<br>Equipment<br>Row 1 of 2 | Type<br>approval<br>requirements                         | —        | EN<br>60945-1:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,   | B+D<br>B+F<br>G   | 19.6.2018 | 29.8.2021<br>(I) |
|   | — SOLAS<br>74<br>Reg.<br>V/18,                           | —        | EN<br>61108-2:1998,   |   |           |                  |
|   | — SOLAS<br>74<br>Reg.<br>X/3,                            | —        | EN<br>61108-4:2004,   |   |           |                  |
|   | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | —        | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |   |           |                  |
|   | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | —        | EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,                       |   |           |                  |
|   | Carriage and<br>performance<br>requirements              | —        | EN<br>62288:2014.   |   |           |                  |
|   | — SOLAS<br>74<br>Reg.<br>V/19,                           | Or:<br>— | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,  |   |           |                  |
|   | — IMO<br>Res.A.694(17),                                  | —        | IEC<br>61108-2<br>Ed.<br>1.0:1998,  |   |           |                  |
|   | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,  | —        | EN<br>62288:2014.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,                                 |   |           |                  |

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|  |                            |   |   |   |           |  |
|--|----------------------------|---|---|---|-----------|--|
|  | —                          | IMO Res.MSC.97(73) (2000 HSC Code) 13,  | —   | IEC 61108-4:2004, IEC 61162 series:   |           |  |
|  | —                          | IMO Res.MSC.113(73),  |   | IEC 61162-1:2016  |           |  |
|  | —                          | IMO Res.MSC.114(73),  |   | IEC 61162-2 Ed.1.0:1998-09  |           |  |
|  | —                          | IMO Res.MSC.191(79),  |   | IEC 61162-3 Ed.1.2  |           |  |
|  | —                          | IMO Res.MSC.302(87).  |   | Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450 Ed.1.0:2011-06 with A1:2016, |           |  |
|  |                            |   | —   | IEC 62288 Ed. 2.0:2014-07.  |           |  |
| MED/4.51 DGLONASS Equipment 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 | EN 60945 incl. IEC 60945 Corr. 1:2008, EN 61108-2:1998, EN 61108-4:2004, EN 61162 series: | B+D B+F G EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014                        | 13.9.2019 |  |

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**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

| Code)   | EN  |
|---|---|
| 13.   | IEC 61162-450:2018,   |
| Carriage and performance requirements   | EN 62288:2014,  |
| — SOLAS 74 Reg. V/19, IMO Res.A.694(17), Or. IMO Res.MSC.36(63) (1994) HSC Code) 13, IMO Res.MSC.97(73) (2000) HSC Code) 13, IMO Res.MSC.113(73) 2004, IMO Res.MSC.114(73), IMO Res.MSC.191(79), IMO Res.MSC.302(87). | EN 62288:2014,<br>IEC 62923-1:2018,<br>EN 62923-2:2018.<br>IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61108-2 Ed. 1.0:1998, IEC 61108-4:2004, IEC 61162 series:<br>IEC 61162-1:2016<br>IEC 61162-2 Ed.1.0:1998-09<br>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07<br>IEC 61162-450:2018, |
| —   | IEC 62288 Ed. 2.0:2014-07,  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |  |   |   |                   |  |
|--|--|---|---|-------------------|--|
|  |  | — | IEC<br>62923-1:2018,<br>—<br>IEC<br>62923-2:2018.   |                   |  |
| MED/4.52<br>Daylight<br>signalling<br>lamp<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18,<br>— SOLAS-<br>74<br>Reg. Or:<br>X/3, —<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code),<br>— IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code).                             | — | EN<br>60945:2002<br>incl. B+D<br>B+F<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ISO<br>25861:2007.<br>Or:<br>— IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ISO<br>25861:2007. |                   |  |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19,<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code),<br>— IMO<br>Res.MSC.95(72),<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code). |   |   |                   |  |
| MED/4.53<br>Radar target<br>enhancer<br>Row 1 of 1       | Type<br>approval<br>requirements<br>— SOLAS<br>74  | — | ISO<br>8729-2:2009,<br>— EN<br>60945:2002<br>incl.  | B+D<br>B+F<br>B+F |  |



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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                            |  |   |            |               |
|--|----------------------------|--|---|------------|---------------|
|  | —                          | Reg. V/18, SOLAS 74                              | IEC 60945<br>Corr. 1:2008.                            |            |               |
|  | —                          | Reg. X/3, IMO Res.MSC.36(63) (1994 HSC Code) 13, | Or: — ISO 8729-2:2009, IEC 60945:2002 incl. IEC 60945 |            |               |
|  | —                          | IMO Res.MSC.97(73) (2000 HSC Code) 13.           | Corr. 2008.   |            |               |
|  |                            | 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).                          |   |            |               |
| MED/4.54<br>Compass Bearing Device<br>Row 1 of 2 | Type approval requirements | — SOLAS 74                                       | ISO 25862:2009, EN 60945:2002 incl. IEC               | B+D<br>B+F | 12.8.2023 (I) |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |                         |  |           |  |
|---|--|-------------------------|--|-----------|--|
|   | Reg.<br>V/18.  |                         | 60945<br>Corr.<br>1:2008.  |           |  |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19.                        | Or:<br>—<br>—           | ISO<br>25862:2009,<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008.   |           |  |
| MED/4.54<br>Compass<br>Bearing<br>Device<br>Row 2 of 2<br>(NEW ROW)                                       | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.                                   | —<br>—<br>—             | ISO B+D<br>25862:2009,<br>EN B+F<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008.  | 12.8.2020 |  |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/19.                        | Or:<br>—<br>—           | ISO<br>25862:2019,<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008.   |           |  |
| MED/4.55<br>Search<br>and rescue<br>locating<br>devices<br>(SRLD):<br>AIS SART<br>equipment<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/4,<br>SOLAS<br>74<br>Reg.<br>IV/14. | —<br>—<br>—<br>Or:<br>— | EN B+D<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61097-14:2010.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-14:2010. |           |  |
|   | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/6,                       | —<br>—<br>—             | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-14:2010.  |           |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|---|--|---|--|-----------|------------------|
|  | —   | SOLAS<br>74<br>Reg.<br>III/26,                         |   |  |           |                  |
|  | —   | SOLAS<br>74<br>Reg.<br>IV/7,                           |   |  |           |                  |
|  | —   | IMO<br>Res.MSC.246(83),                                |   |  |           |                  |
|  | —   | ITU-<br>R<br>M.1371-5:2014.                            |   |  |           |                  |
| MED/4.56<br>Galileo<br>Equipment<br>Row 1 of 2 | Type<br>approval<br>requirements            | —  | EN<br>60945:2002<br>incl. IEC<br>60945<br>Corr.<br>1:2008,                  | B+D<br>B+F<br>G  | 19.6.2018 | 29.8.2021<br>(I) |
|  | —   | SOLAS<br>74<br>Reg.<br>V/18,                           | EN<br>61108-3:2010,   |  |           |                  |
|  | —   | SOLAS<br>74<br>Reg.<br>X/3,                            | EN<br>61162<br>series:  |  |           |                  |
|  | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13, | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+ | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014 |           |                  |
|  | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13. | EN<br>61162-450:2011+A1:2016,   |  |           |                  |
|  | Or:   | —  | EN<br>62288:2014.   |  |           |                  |
|  | Carriage and<br>performance<br>requirements | —  | IEC<br>60945:2002<br>incl. IEC<br>60945<br>Corr.<br>1:2008,                 |  |           |                  |
|  | —   | SOLAS<br>74<br>Reg.<br>V/19,                           | IEC<br>61108-3:2010,  |  |           |                  |
|  | —   | IMO<br>Res.A.694(17),                                  | IEC<br>61162<br>series:   |  |           |                  |
|  | —   | IMO<br>Res.A.813(19),                                  | IEC<br>61162<br>series:   |  |           |                  |
|  | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC                 | IEC<br>61162-1:2016   |  |           |                  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|  |   | Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.191(79),<br>IMO<br>Res.MSC.233(82),<br>IMO<br>Res.MSC.302(87). |   | IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016,<br><br>IEC<br>62288<br>Ed.<br>2.0:2014-07. |           |  |
| MED/4.56<br>Galileo<br>Equipment<br>Row 2 of 2 | Type<br>approval<br>requirements            | —   | EN  | B+D<br>60945-2002<br>incl. B+F<br>IEC G   | 13.9.2019 |  |
|  | —   | SOLAS<br>74<br>Reg.<br>V/18,<br>SOLAS-<br>74<br>Reg. —<br>X/3,<br>IMO   | EN<br>60945<br>Corr.<br>1:2008,<br>EN<br>61108-3:2010,<br>EN<br>61162<br>series:  |   |           |  |
|  | —   | Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>13,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.   | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018,<br>EN<br>62288:2014, |   |           |  |
|  | Carriage and<br>performance<br>requirements | —   | IEC   | 62923-1:2018,<br>IEC<br>62923-2:2018.   |           |  |
|  | —   | SOLAS<br>74   | IEC   | 62923-1:2018,<br>IEC<br>62923-2:2018.   |           |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|---|---|-----------|------------------|
|  |  | Reg. Or:<br>V/19, — IEC<br>— IMO 60945:2002<br>Res.A.694(17), incl.<br>— IMO IEC<br>Res.A.813(19), 60945<br>— IMO Corr.<br>Res.MSC.36(63):2008,<br>(1994 — IEC<br>HSC 61108-3:2010,<br>Code) — IEC<br>13, 61162<br>— IMO series:<br>Res.MSC.97(73)- IEC<br>(2000 61162-1:2016<br>HSC IEC<br>Code) 61162-2<br>13, Ed.1.0:1998-09<br>— IMO IEC<br>Res.MSC.191(79), 61162-3<br>— IMO Ed.1.2<br>Res.MSC.233(82), Consol.<br>— IMO with<br>Res.MSC.302(87). A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>— IEC<br>62288<br>Ed.<br>2.0:2014-07,<br>— IEC<br>62923-1:2018,<br>— IEC<br>62923-2:2018. |   |           |                  |
| MED/4.57<br>Bridge<br>Navigational<br>Watch Alarm<br>System<br>(BNWAS)<br>Row 1 of 2 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18. | —   | EN B+D<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016 | 19.6.2018 | 29.8.2021<br>(I) |
|  | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74       | —   |   |           |                  |

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|   |                      |                                 |
|---|----------------------|---------------------------------|
|   | Reg. V/19,           | EN 61162-2:1998                 |
| — | IMO Res.A.694(17),   | EN 61162-3:2008                 |
| — | IMO Res.MSC.128(75), | +A1:2010+A2:2014                |
| — | IMO Res.MSC.191(79), | EN 61162-450:2011+A1:2016,      |
| — | IMO Res.MSC.302(87), | 62288:2014,                     |
| — | IMO MSC.1/           | 62616:2010                      |
|   | Circ.1474.           | incl. IEC 62616 Corr. 1:2012.   |
|   | 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 Ed.1.0:2011-06    |
|   |                      | with A1:2016,                   |
| — |                      | IEC 62288 Ed. 2.0:2014-07,      |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |     |  |  |           |
|--|---|-----|--|--|-----------|
|  |   | —   | IEC<br>62616:2010<br>incl.<br>IEC<br>62616<br>Corr.<br>1:2012.   |  |           |
| MED/4.57<br>Bridge<br>Navigational<br>Watch Alarm<br>System<br>(BNWAS)<br>Row 2 of 2 | Type<br>approval<br>requirements            | —   | EN B+D<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:                  |  | 13.9.2019 |
|  | — SOLAS<br>74<br>Reg.<br>V/18.              | —   | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018, |  |           |
|  | Carriage and<br>performance<br>requirements | —   | EN<br>62288:2014,<br>EN<br>62616:2010<br>incl.<br>IEC<br>62616<br>Corr.<br>1:2012,                                 |  |           |
|  | — SOLAS<br>74<br>Reg.<br>V/19,              | —   | EN<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018.  |  |           |
|  | — IMO<br>Res.A.694(17),                     | Or: | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,   |  |           |
|  | — IMO<br>Res.MSC.128(75),                   | —   |  |  |           |
|  | — IMO<br>Res.MSC.191(79),                   | —   |  |  |           |
|  | — IMO<br>Res.MSC.302(87),                   | —   |  |  |           |
|  | — IMO<br>MSC.1/<br>Circ.1474.               | —   |  |  |           |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                   |   |  |   |           |                  |
|--|-----------------------------------|---|--|---|-----------|------------------|
|  |                                   | — | IEC<br>61162<br>series:  | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |           |                  |
|  |                                   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,                            |   |           |                  |
|  |                                   | — | IEC<br>62616:2010<br>incl.<br>IEC<br>62616<br>Corr.<br>1:2012, |   |           |                  |
|  |                                   | — | IEC<br>62923-1:2018,   |   |           |                  |
|  |                                   | — | IEC<br>62923-2:2018.   |   |           |                  |
| MED/4.58<br>Sound<br>reception<br>system<br>Row 1 of 2 | Type<br>approval<br>requirements  | — | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,       | B+D<br>B0B2<br>B+F<br>G   | 19.6.2018 | 29.8.2021<br>(I) |
|  | — SOLAS<br>74<br>Reg.<br>V/18,    | — | EN<br>61162<br>series:   | EN<br>61162-1:2016  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>X/3,     | — | EN<br>61162<br>series:   | EN<br>61162-2:1998  |           |                  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994 | — |  |   |           |                  |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|                                    |                                       |   |  |   |           |
|------------------------------------|---------------------------------------|---|--|---|-----------|
|                                    |                                       | — | HSC Code),<br>IMO Res.MSC.97(73)-(2000 HSC Code).  | EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN 61162-450:2011+A1:2016,   |           |
|                                    | Carriage and performance requirements | — | EN 62288:2014,<br>ISO 14859:2012.  |   |           |
|                                    |                                       | — | Or:<br>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).<br>IMO Res.MSC.191(79), IMO Res.MSC.302(87). | IEC 60945:2002<br>incl. IEC 60945<br>Corr. 1:2008,<br>IEC 61162 series:<br>IEC 61162-1:2016<br>IEC 61162-2 Ed.1.0:1998-09<br>IEC 61162-3 Ed.1.2<br>Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07<br>IEC 61162-450 Ed.1.0:2011-06 with A1:2016, |           |
|                                    |                                       | — | IEC 62288 Ed. 2.0:2014-07,   |   |           |
|                                    |                                       | — | ISO 14859:2012.  |   |           |
| MED/4.58<br>Sound reception system | Type approval requirements            | — | EN 60945:2002<br>incl. IEC   | B+D<br>B+F<br>G   | 13.9.2019 |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|            |   |  |  |  |
|------------|---|--|--|--|
| Row 2 of 2 | — | SOLAS<br>74<br>Reg.<br>V/18,                     | 60945<br>Corr.<br>1:2008,<br>EN  |  |
|            | — | SOLAS<br>74                                      | 61162<br>series:   |  |
|            | — | Reg.<br>X/3,<br>IMO                              | EN<br>61162-1:2016<br>EN   |  |
|            | — | Res.MSC.36(63)-<br>(1994<br>HSC<br>Code),        | 61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014                               |  |
|            | — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code). | EN<br>IEC<br>61162-450:2018,<br>EN<br>62288:2014,                                    |  |
|            | — | Carriage and<br>performance<br>requirements      | EN<br>IEC<br>62923-1:2018,   |  |
|            | — | SOLAS<br>74<br>Reg.<br>V/19,                     | EN<br>IEC<br>62923-2:2018,<br>ISO<br>14859:2012.                                     |  |
|            | — | IMO<br>Res.A.694(17),                            | Or<br>IEC<br>60945:2002  |  |
|            | — | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code), | incl.<br>IEC<br>60945<br>Corr.<br>1:2008,  |  |
|            | — | IMO<br>Res.MSC.86(70),                           | IEC  |  |
|            | — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code), | 61162<br>series:<br>IEC<br>61162-1:2016<br>IEC                                       |  |
|            | — | IMO<br>Res.MSC.191(79),                          | 61162-2<br>Ed.1.0:1998-09  |  |
|            | — | IMO<br>Res.MSC.302(87).                          | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2 |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |   |   |  |           |                  |
|--|---|---|---|--|-----------|------------------|
|  |   |   |   | Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |           |                  |
|  |   | — | IEC<br>62288  | Ed.<br>2.0:2014-07,                          |           |                  |
|  |   | — | IEC<br>62923-1:2018,  | IEC<br>62923-2:2018,                         |           |                  |
|  |   | — | ISO<br>14859:2012.  |  |           |                  |
| MED/4.59<br>Integrated<br>navigation<br>system<br>Row 1 of 3 | Type<br>approval<br>requirements                                  | — | EN<br>60945-1:2002<br>incl. B+F<br>IEC<br>60945                         | B+D<br>B+F<br>G                              | 19.6.2018 | 29.8.2021<br>(I) |
|  | — SOLAS<br>74<br>Reg.<br>V/15,                                    | — | EN<br>61162<br>series:  |  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>V/18,                                    | — | EN<br>61162-1:2016  |  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                                     | — | EN<br>61162-2:1998  |  |           |                  |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)                 | — | EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016, |  |           |                  |
|  | — 13,<br>IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)Or:<br>13. | — | EN<br>62288:2014,<br>IEC<br>61924-2<br>Ed.<br>1.0:2012-12.              |  |           |                  |
|  | —   | — | IEC<br>60945:2002   |  |           |                  |
|  | Carriage and<br>performance<br>requirements                       |   | incl.<br>IEC<br>60945   |  |           |                  |
|  | — SOLAS<br>74<br>Reg.<br>V/19,                                    | — | IEC<br>61162<br>series:   |  |           |                  |
|  | — IMO<br>Res.A.694(17),   | — | IEC<br>61162-1:2016   |  |           |                  |
|  | — IMO<br>Res.MSC.36(63)-  | — |   |  |           |                  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                            |  |   |   |           |               |
|--|----------------------------|--|---|---|-----------|---------------|
|  |                            | (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).   |   | 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 Ed.1.0:2011-06 with A1:2016, IEC 62288 Ed. 2.0:2014-07, IEC 61924-2 Ed. 1.0:2012-12. |           |               |
| 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 | EN 60945 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 IEC 61162-450:2018, EN 62288:2014, IEC 61924-2 Ed. | B+D B+F G   | 13.9.2019 | 12.8.2023 (I) |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|          |   |  |   |           |  |
|----------|---|--|---|-----------|--|
|          | HSC Code) 13.   | 1.0: 2012+12, IEC 62923-1:2018, IEC 62923-2:2018.                    |   |           |  |
|          | Carriage and performance requirements   | Or: SOLAS 74 Reg. V/19, IMO Res.A.694(17), IMO Res.MSC.36(63) (1994) | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61162 series:  |           |  |
|          | HSC Code) 13, IMO Res.MSC.97(73)-(2000)                                       |  | 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, |           |  |
|          | HSC Code) 13, IMO Res.MSC.191(79), IMO Res.MSC.252(83), IMO Res. MSC.302(87). |  | IEC 62288 Ed. 2.0:2014-07, IEC 61924-2 Ed. 1.0: 2012+12, IEC 62923-1:2018, IEC 62923-2:2018.  |           |  |
| MED/4.59 | Type approval requirements  | EN 60945-1:2002 incl. B+B B+F  |   | 12.8.2020 |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                                       |   |                                  |   |  |
|---|---------------------------------------|---|----------------------------------|---|--|
| Integrated navigation system<br>Row 3 of 3<br>(NEW ROW) | —                                     | SOLAS 74 Reg. V/15,                     | IEC 60945 Corr. 1:2008,          | G |  |
|   | —                                     | SOLAS 74 Reg. V/18,                     | EN 61162 series:                 |   |  |
|   | —                                     | SOLAS 74 Reg. X/3,                      | EN 61162-1:2016                  |   |  |
|   | —                                     | IMO Res.MSC.36(63)- (1994 HSC Code) 13, | EN 61162-2:1998                  |   |  |
|   | —                                     | IMO Res.MSC.97(73) (2000 HSC Code) 13.  | EN 61162-3:2008 +A1:2010+A2:2014 |   |  |
|   | Carriage and performance requirements | —                                       | EN 62288:2014,                   |   |  |
|   | —                                     | SOLAS 74 Reg. V/19,                     | IEC 61924-2:2013                 |   |  |
|   | —                                     | IMO Res.A.694(17),                      | incl. IEC 61924-2                |   |  |
|   | —                                     | IMO Res.MSC.36(63)- (1994 HSC Code) 13, | IEC 61924-2 Corr. 1:2013,        |   |  |
|   | —                                     | IMO Res.A.694(17),                      | EN 62923-1:2018,                 |   |  |
|   | —                                     | IMO Res.MSC.36(63)- (1994 HSC Code) 13, | IEC 62923-2:2018.                |   |  |
|   | —                                     | IMO Res.MSC.97(73) (2000 HSC Code) 13,  | IEC 60945:2002                   |   |  |
|   | —                                     | IMO Res.MSC.191(79),                    | IEC 61162 series:                |   |  |
|   | —                                     | IMO Res.MSC.252(83),                    | IEC 61162-1:2016                 |   |  |
|   | —                                     | IMO Res. MSC.302(87).                   | IEC 61162-2 Ed.1.0:1998-09       |   |  |
|   |                                       | IEC 61162-3 Ed.1.2 Consol. with         |                                  |   |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |                                 |   |   |           |
|---|---|---------------------------------|---|---|-----------|
|   |   |                                 |   | A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |           |
|   |   | —                               | IEC<br>62288<br>Ed.<br>2.0:2014-07,   |   |           |
|   |   | —                               | IEC<br>61924-2:2012<br>incl.<br>IEC<br>61924-2<br>Corr.<br>1:2013,  |   |           |
|   |   | —                               | IEC<br>62923-1:2018,  |   |           |
|   |   | —                               | IEC<br>62923-2:2018.  |   |           |
| MED/4.60<br>Radar<br>equipment<br>approved<br>with a chart<br>option,<br>namely:<br>CAT 3C.<br>Row 1 of 1<br>New item<br>inserted by<br>Implementing<br>Regulation<br>(EU)<br>2020/1170 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>V/18.<br>Carriage and<br>performance<br>requirements<br>— IMO<br>Res.A.278(VIII),<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.191(79),<br>— IMO<br>Res.MSC.192(79),<br>— IMO<br>Res.MSC.302(87),<br>— ITU-<br>R<br>M.1177-4<br>(04/11). | —<br>—<br>—<br>—<br>—<br>—<br>— | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018,<br>EN<br>62288:2014,<br>EN<br>62388:2013,<br>EN<br>IEC<br>62923-1:2018, | B+D<br>B+F<br>G   | 12.8.2020 |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |     |  |  |           |
|---|---|-----|--|--|-----------|
|   |   | —   | EN<br>IEC<br>62923-2:2018.                                     |  |           |
|   |   | Or: |  |  |           |
|   |   | —   | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008, |  |           |
|   |   | —   | IEC<br>61162<br>series:  |  |           |
|   |   |     |  | IEC<br>61162-1:2016  |           |
|   |   |     |  | IEC<br>61162-2<br>Ed.1.0:1998-09   |           |
|   |   |     |  | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07 |           |
|   |   |     |  | IEC<br>61162-450:2018,   |           |
|   |   | —   | IEC<br>62288<br>Ed.<br>2.0:2014-07,                            |  |           |
|   |   | —   | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,                        |  |           |
|   |   | —   | IEC<br>62923-1:2018,   |  |           |
|   |   | —   | IEC<br>62923-2:2018.   |  |           |
| MED/4.61<br>Radar<br>equipment<br>for high<br>speed craft<br>applications | Type<br>approval<br>requirements<br>— SOLAS<br>74 | —   | EN<br>60945:2002<br>incl.<br>IEC<br>60945                      | B+D<br>B+F<br>G  | 12.8.2020 |



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|              |                      |                  |  |
|--------------|----------------------|------------------|--|
| CAT 3H       | Reg.                 | Corr.            |  |
| Row 1 of 1   | X/3,                 | 1:2008,          |  |
| New item     | IMO                  | EN               |  |
| inserted by  | Res.MSC.36(63)       | 61162            |  |
| Implementing | (1994                | series:          |  |
| Regulation   | HSC                  | EN               |  |
| (EU)         | Code)                | 61162-1:2016     |  |
| 2020/1170    | 13,                  | EN               |  |
|              | IMO                  | 61162-2:1998     |  |
|              | Res.MSC.97(73)-      | EN               |  |
|              | (2000                | 61162-3:2008     |  |
|              | HSC                  | +A1:2010+A2:2014 |  |
|              | Code)                | EN               |  |
|              | 13.                  | IEC              |  |
|              |                      | 61162-450:2018,  |  |
| Carriage and | —                    | EN               |  |
| performance  | —                    | 62288:2014,      |  |
| requirements | —                    | EN               |  |
|              | IMO                  | 62388:2013,      |  |
|              | Res.A.278(VIII)      | EN               |  |
|              | IMO                  | IEC              |  |
|              | Res.A.694(17),       | 62923-1:2018,    |  |
|              | IMO                  | EN               |  |
|              | Res.MSC.36(63)       | IEC              |  |
|              | (1994                | 62923-2:2018.    |  |
|              | HSC                  | Or:              |  |
|              | Code)                | IEC              |  |
|              | 13,                  | 60945:2002       |  |
|              | IMO                  | incl.            |  |
|              | Res.MSC.97(73)       | IEC              |  |
|              | (2000                | 60945            |  |
|              | HSC                  | Corr.            |  |
|              | Code)                | 1:2008,          |  |
|              | 13.                  | IEC              |  |
|              | IMO                  | 61162            |  |
|              | Res.MSC.191(79)      | series:          |  |
|              | IMO                  | IEC              |  |
|              | Res.MSC.192(79),     | 61162-1:2016     |  |
|              | IMO                  | IEC              |  |
|              | Res.MSC.302(87),     | 61162-2          |  |
|              | IMO                  | Ed.1.0:1998-09   |  |
|              | MSC.1/<br>Circ.1349, | IEC              |  |
|              | ITU-                 | 61162-3          |  |
|              | R                    | Ed.1.2           |  |
|              | M.1177-4             | Consol.          |  |
|              | (04/11).             | with             |  |
|              |                      | A1               |  |
|              |                      | Ed.              |  |
|              |                      | 1.0:2010-11      |  |
|              |                      | and              |  |
|              |                      | A2               |  |
|              |                      | Ed.              |  |
|              |                      | 1.0:2014-07      |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |   |   |   |                        |           |
|---|---|---|---|------------------------|-----------|
|   |   |   |   | IEC<br>61162-450:2018, |           |
|   |   | — | IEC<br>62288<br>Ed.<br>2.0:2014-07,   |                        |           |
|   |   | — | IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,   |                        |           |
|   |   | — | IEC<br>62923-1:2018,  |                        |           |
|   |   | — | IEC<br>62923-2:2018.  |                        |           |
| MED/4.62<br>Radar<br>equipment<br>for high<br>speed craft<br>applications<br>approved<br>with a chart<br>option,<br>namely:<br>CAT 3HC.<br>Row 1 of 1<br>New item<br>inserted by<br>Implementing<br>Regulation<br>(EU)<br>2020/1170 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>13,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>13.                        | — | EN<br>60945:2002<br>incl. B+F<br>IEC G<br>60945<br>Corr.<br>1:2008,<br>— EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018, |                        | 12.8.2020 |
|   | Carriage and<br>performance<br>requirements<br>— IMO<br>Res.A.278(VIII)<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>Or:<br>13,<br>— IMO<br>Res.MSC.97(73)<br>(2000<br>HSC | — | EN<br>62288:2014,<br>— EN<br>62388:2013,<br>— EN<br>IEC<br>62923-1:2018,<br>— EN<br>IEC<br>62923-2:2018.<br>— IEC<br>60945:2002<br>incl.<br>IEC<br>60945  |                        |           |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |  |  |  |
|---|--|--|--|--|
|   | Code)  | Corr.  |  |  |
| — | 13,<br>IMO —<br>Res.MSC.191(79),<br>IMO series:<br>Res.MSC.192(79),<br>IMO<br>Res.MSC.302(87),<br>IMO<br>MSC.1/<br>Circ.1349,<br>ITU-<br>R<br>M.1177-4<br>(04/11). | 1:2008,<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>IEC<br>62288<br>Ed.<br>2.0:2014-07,<br>IEC<br>62388<br>Ed.<br>2.0:<br>2013-06,<br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |  |  |

## 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, | Testing standards | Modules for conformity assessment | First placing on the market | Last placing on board |
|-----------------------------|----------------------------------|-------------------|-----------------------------------|-----------------------------|-----------------------|
|-----------------------------|----------------------------------|-------------------|-----------------------------------|-----------------------------|-----------------------|

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

| 1  | and the relevant resolutions and circulars of the IMO, as applicable | 3 | 4                             | 5 | 6               |
|--|--|---|-------------------------------|---|-----------------|
| MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony<br>Row 1 of 5 | Type approval requirements   | — | IMO B+D MSC/B+E Circ. 862, F  |   | 21.3.2019 (III) |
|  | — SOLAS 74 Reg. IV/14,   | — | EN 60945:2002 incl. IEC 60945 |   |                 |
|  | — SOLAS 74 Reg. X/3,   | — | Corr. 1:2008, EN 61162        |   |                 |
|  | — IMO Res.MSC.36(63) series, (1994                                   | — | ETSI EN 300 338-1             |   |                 |
|  | — IMO Res.MSC.97(73) series, (2000                                   | — | ETSI EN 300 338-2             |   |                 |
|  | — IMO Res.A.385(X),  | — | ETSI EN 301 843-2             |   |                 |
|  | — IMO Res.A.524(13),   | — | ETSI EN 301 925               |   |                 |
|  | — IMO Res.A.694(17),   | — | V1.4.1:2013-05.               |   |                 |
|  | — IMO Res.A.803(19),   | — |                               |   |                 |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                            |  |   |           |                |  |
|---|----------------------------|--|---|-----------|----------------|--|
|   | —                          | IMO Res.MSC.36(63)-(1994 HSC Code) 14,                                   |   |           |                |  |
|   | —                          | IMO Res.MSC.97(73)-(2000 HSC Code) 14,                                   |   |           |                |  |
|   | —                          | IMO MSC/Circ.862,  |   |           |                |  |
|   | —                          | IMO MSC.1/Circ.1460,   |   |           |                |  |
|   | —                          | IMO COMSAR/Circ.32,  |   |           |                |  |
|   | —                          | ITU-R M.489-2 (10/95),   |   |           |                |  |
|   | —                          | ITU-R M.493-13 (10/09),  |   |           |                |  |
|   | —                          | ITU-R M.541-9 (05/04),   |   |           |                |  |
|   | —                          | ITU-R M.689-3 (03/12).   |   |           |                |  |
| MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 2 of 5 | Type approval requirements | — SOLAS 74 Reg. IV/14, SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC | IMO B+D MSC/B+E Circ.862,F EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series: EN 61162-1:2011 | 16.3.2017 | 1.2.2020 (III) |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                 |                 |  |
|---|-----------------|-----------------|--|
|   | Code)           | EN              |  |
| — | 14,             | 61162-2:1998    |  |
|   | IMO             | EN              |  |
|   | Res.MSC.97(73)- | 61162-3:2008    |  |
|   | (2000           | EN              |  |
|   | HSC             | 61162-450:2011, |  |
|   | Code)           | ETSI            |  |
|   | 14.             | EN              |  |
|   |                 | 300             |  |
|   | Carriage and    | 338-1           |  |
|   | performance     | V1.3.1:2010-02, |  |
|   | requirements    | ETSI            |  |
| — | SOLAS           | EN              |  |
|   | 74              | 300             |  |
|   | Reg.            | 338-2           |  |
|   | IV/7,           | V1.3.1:2010-02, |  |
| — | SOLAS           | ETSI            |  |
|   | 74              | EN              |  |
|   | Reg.            | 301             |  |
|   | X/3,            | 843-2           |  |
| — | IMO             | V2.1.           |  |
|   | Res.A.385(X),   | 1:2016-03,      |  |
| — | IMO             | ETSI            |  |
|   | Res.A.524(13),  | EN              |  |
| — | IMO             | 301             |  |
|   | Res.A.694(17),  | 925             |  |
| — | IMO             | V1.4.1:2013-05. |  |
|   | Res.A.803(19),  |                 |  |
| — | IMO             |                 |  |
|   | Res.MSC.36(63)- |                 |  |
|   | (1994           |                 |  |
|   | HSC             |                 |  |
|   | Code)           |                 |  |
|   | 14,             |                 |  |
| — | IMO             |                 |  |
|   | Res.MSC.97(73)- |                 |  |
|   | (2000           |                 |  |
|   | HSC             |                 |  |
|   | Code)           |                 |  |
|   | 14,             |                 |  |
| — | IMO             |                 |  |
|   | MSC/            |                 |  |
| — | Circ.862,       |                 |  |
|   | IMO             |                 |  |
| — | MSC.1/          |                 |  |
|   | Circ.1460,      |                 |  |
| — | IMO             |                 |  |
|   | COMSAR/         |                 |  |
| — | Circ.32,        |                 |  |
|   | ITU-            |                 |  |
| — | R               |                 |  |
|   | M.489-2         |                 |  |
|   | (10/95),        |                 |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                                       |   |   |  |           |                 |
|---|---------------------------------------|---|---|--|-----------|-----------------|
|   | —                                     | ITU-R M.493-14 (09/15),                 |   |  |           |                 |
|   | —                                     | ITU-R M.541-10 (10/15).                 |   |  |           |                 |
| MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 3 of 5 | Type approval requirements            | —                                       | IMO B+D MSC/B+E Circ.862,F  |  | 19.6.2018 | 29.8.2021 (III) |
|   | —                                     | SOLAS-74 Reg. IV/14,                    | EN 60945:2002 incl. IEC 60945   |  |           |                 |
|   | —                                     | SOLAS 74 Reg. X/3,                      | Corr. 1:2008, EN 61162  |  |           |                 |
|   | —                                     | IMO Res.MSC.36(63) (1994 HSC Code) 14,  | series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN 61162-450:2011+A1:2016, |  |           |                 |
|   | —                                     | IMO Res.MSC.97(73)- (2000 HSC Code) 14. |   |  |           |                 |
|   | Carriage and performance requirements | —                                       | ETSI EN 300 338-1 V1.4.1:2017-02,   |  |           |                 |
|   | —                                     | SOLAS 74 Reg. IV/7,                     | ETSI EN 300 338-2 V1.4.1:2017-02,   |  |           |                 |
|   | —                                     | SOLAS 74 Reg. X/3,                      | ETSI EN 301 843-2 V2.1.1:2016-03,   |  |           |                 |
|   | —                                     | IMO Res.A.385(X),                       | ETSI EN 301 925 V1.5.1:2017-10.   |  |           |                 |
|   | —                                     | IMO Res.A.524(13),                      |   |  |           |                 |
|   | —                                     | IMO Res.A.694(17),                      |   |  |           |                 |
|   | —                                     | IMO Res.A.803(19),                      |   |  |           |                 |
|   | —                                     | IMO Res.MSC.36(63)-                     |   |  |           |                 |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                            |  |   |  |           |                 |
|---|----------------------------|--|---|--|-----------|-----------------|
|   |                            | (1994 HSC Code) 14, IMO Res.MSC.97(73)-(2000 HSC Code) 14, IMO MSC/Circ.862, IMO MSC.1/Circ.1460, IMO COMSAR/Circ.32, ITU-R M.489-2 (10/95), ITU-R M.493-14 (09/15), ITU-R M.541-10 (10/15). |   |  |           |                 |
| MED/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 4 of 5 | Type approval requirements | — SOLAS 74 Reg. IV/14, SOLAS 74 Reg. X/3, IMO Res.MSC.36(63)   | IMO B+D MSC/B+E Circ.862,F EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series: |  | 13.9.2019 | 12.8.2023 (III) |
|   |                            | (1994 HSC Code) 14, IMO Res.MSC.97(73)-(2000 HSC   | EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014                        |  |           |                 |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |                  |  |
|---|---|---|------------------|--|
|   | Code)                                   |   | IEC              |  |
|   | 14.                                     |   | 61162-450:2018,  |  |
| — | Carriage and performance requirements   | ETSI EN 300 338-1   |                  |  |
| — | SOLAS 74 Reg. IV/7,                     | V1.4.1:2017-02, ETSI EN 300 338-2                               |                  |  |
| — | SOLAS 74 Reg. X/3,                      | V1.4.1:2017-02, ETSI EN 301 843-2                               |                  |  |
| — | IMO Res.A.385(X),                       | V2.2.1:2017-11, ETSI EN 301 925                                 |                  |  |
| — | IMO Res.A.524(13),                      | 1:2017-11, ETSI EN 301 925                                      |                  |  |
| — | IMO Res.A.694(17),                      | 1:2017-10, IEC 62923-1:2018,                                    |                  |  |
| — | IMO Res.A.803(19),                      | IEC 62923-2:2018.   |                  |  |
| — | IMO Res.MSC.36(63) (1994) HSC Code) 14, | Or: IMO Res.MSC.97(73) (2000) HSC Code) 14,                     |                  |  |
| — | IMO Res. MSC.302(87),                   | IMO MSC/ Circ.862, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, |                  |  |
| — | IMO MSC/ Circ.862,                      | IEC 61097-3:2017,   |                  |  |
| — | IMO MSC.1/ Circ.1460,                   | IEC 61097-7:1996 with A1:2018,                                  |                  |  |
| — | ITU-R M.489-2 (10/95),                  | IEC 61162 series:   |                  |  |
| — | ITU-R                                   |   | IEC 61162-1:2016 |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |   |  |  |
|---|---|---|---|--|--|
|   |   | M.493-14<br>(09/15),<br>ITU-<br>R<br>M.541-10<br>(10/15).   |   | IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br><br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |  |
| MED/5.1<br>VHF radio<br>capable of<br>transmitting<br>and receiving<br>DSC and<br>radiotelephony<br>Row 5 of 5<br>(NEW ROW) | Type<br>approval<br>requirements            | — SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14. | — IMO B+D<br>MSC/B+E<br>Circ.862,F<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>— EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018, | 12.8.2020  |  |
|   | Carriage and<br>performance<br>requirements | — SOLAS<br>74<br>Reg.<br>IV/7,  | — ETSI<br>EN<br>300<br>338-1<br>V1.5.1:2019-09,<br>— ETSI<br>EN<br>300  |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| — | SOLAS           | 338-2           |  |
|   | 74              | V1.4.1:2017-02, |  |
|   | Reg. —          | ETSI            |  |
|   | X/3,            | EN              |  |
| — | IMO             | 301             |  |
|   | Res.A.385(X),   | 843-2           |  |
| — | IMO             | V2.2.           |  |
|   | Res.A.524(13),  | 1:2017-11,      |  |
| — | IMO —           | ETSI            |  |
|   | Res.A.694(17),  | EN              |  |
| — | IMO             | 301             |  |
|   | Res.A.803(19),  | 925             |  |
| — | IMO             | V1.5.1:2017-10, |  |
|   | Res.MSC.36(63)  | EN              |  |
|   | (1994           | IEC             |  |
|   | HSC             | 62923-1:2018,   |  |
|   | Code) —         | EN              |  |
|   | 14,             | IEC             |  |
| — | IMO             | 62923-2:2018.   |  |
|   | Res.MSC.97(73)- |                 |  |
|   | (2000 —         | IMO             |  |
|   | HSC             | MSC/            |  |
|   | Code)           | Circ.862,       |  |
|   | 14, —           | IEC             |  |
| — | IMO             | 60945:2002      |  |
|   | Res.            | incl.           |  |
|   | MSC.302(87),    | IEC             |  |
| — | IMO             | 60945           |  |
|   | MSC/            | Corr.           |  |
|   | Circ.862,       | 1:2008,         |  |
| — | IMO —           | IEC             |  |
|   | MSC.1/          | 61097-3:        |  |
|   | Circ.1460,      | 2017,           |  |
| — | IMO —           | IEC             |  |
|   | COMSAR/         | 61097-7:        |  |
|   | Circ.32,        | 1996            |  |
| — | ITU-            | with            |  |
|   | R               | A1:             |  |
|   | M.489-2         | 2018,           |  |
|   | (10/95),        | IEC             |  |
| — | ITU-            | 61162           |  |
|   | R               | series:         |  |
|   | M.493-15        | IEC             |  |
|   | (01/19),        | 61162-1:2016    |  |
| — | ITU-            | IEC             |  |
|   | R               | 61162-2         |  |
|   | M.541-10        | Ed.1.0:1998-09  |  |
|   | (10/15).        | IEC             |  |
|   |                 | 61162-3         |  |
|   |                 | Ed.1.2          |  |
|   |                 | Consol.         |  |
|   |                 | with            |  |
|   |                 | A1              |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |  |   |                    |
|---|---|---|--|---|--------------------|
|   |   |   |  | Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>— IEC<br>62923-1:2018,<br>— IEC<br>62923-2:2018. |                    |
| MED/5.2<br>VHF DSC<br>watch-<br>keeping<br>receiver<br>Row 1 of 5 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/14,<br>— SOLAS-<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>— IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14.<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/7,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.A.803(19),<br>— IMO<br>Res.MSC.36(63)- | — | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series,<br>ETSI<br>EN<br>300<br>338-1<br>V1.3.1:2010-02,<br>ETSI<br>EN<br>301<br>338-2<br>V1.3.1:2010-02,<br>ETSI<br>EN<br>301<br>033<br>V1.4.1:2013-09,<br>ETSI<br>EN<br>301<br>843-2<br>V1.2.1:2004-06. | B+D<br>B+B2<br>B+F  | 21.3.2019<br>(III) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                                       |   |   |              |           |                |
|---|---------------------------------------|---|---|--------------|-----------|----------------|
|   |                                       | (1994 HSC Code) 14, IMO Res.MSC.97(73)-(2000 HSC Code) 14, IMO COMSAR/ Circ.32, ITU-R M.489-2 (10/95), ITU-R M.493-13 (10/09), ITU-R M.541-9 (05/04). |   |              |           |                |
| 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.                               | EN 60945 incl. IEC 60945 Corr. 1:2008, EN 61162 series: | B+D B+B2 B+F | 16.3.2017 | 1.2.2020 (III) |
|   | Carriage and performance requirements | —   | ETSI EN 300 338-1 V1.3.1:2010-02, EN 300                |              |           |                |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |   |  |   |           |                    |
|---|---|--|---|-----------|--------------------|
|   | —   | SOLAS 338-2<br>74 V1.3.1:2010-02,<br>Reg. — ETSI<br>IV/7, EN                                 |   |           |                    |
|   | —   | SOLAS 301<br>74 033<br>Reg. V1.4.1:2013-09,<br>X/3, — ETSI                                   |   |           |                    |
|   | —   | IMO EN<br>Res.A.694(17), 301   |   |           |                    |
|   | —   | IMO 843-2<br>Res.A.803(19), V2.1.1:2016-03.  |   |           |                    |
|   | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,                                       |   |           |                    |
|   | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,                                       |   |           |                    |
|   | —   | IMO<br>COMSAR/<br>Circ.32,   |   |           |                    |
|   | —   | ITU-<br>R<br>M.489-2<br>(10/95),   |   |           |                    |
|   | —   | ITU-<br>R<br>M.493-14<br>(09/15),  |   |           |                    |
|   | —   | ITU-<br>R<br>M.541-10<br>(10/15).  |   |           |                    |
| MED/5.2<br>VHF DSC<br>watch-<br>keeping<br>receiver<br>Row 3 of 5 | Type<br>approval<br>requirements<br>—<br>—<br>—<br>—<br>— | —<br>SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)- | EN<br>B+D<br>60945<br>incl. B+F<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016 | 19.6.2018 | 29.8.2021<br>(III) |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |  |  |
|---|--|--|--|
|   | (1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC —<br>Code)<br>14.   | EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,  |  |
| — | Carriage and<br>performance<br>requirements<br>—<br>SOLAS<br>74<br>Reg.<br>IV/7,<br>—<br>SOLAS<br>74<br>Reg.<br>X/3,<br>—<br>IMO<br>Res.A.694(17),<br>—<br>IMO<br>Res.A.803(19),<br>—<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>IMO<br>COMSAR/<br>Circ.32,<br>—<br>ITU-<br>R<br>M.489-2<br>(10/95),<br>—<br>ITU-<br>R<br>M.493-14<br>(09/15),<br>—<br>ITU-<br>R<br>M.541-10<br>(10/15). | ETSI<br>EN<br>300<br>338-1<br>V1.4.1:2017-02,<br>ETSI<br>EN<br>300<br>338-2<br>V1.4.1:2017-02,<br>ETSI<br>EN<br>301<br>033<br>V1.4.1:2013-09,<br>ETSI<br>EN<br>301<br>843-2<br>V2.1.1:2016-03. |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |                                  |                 |           |                    |
|---|--|---|----------------------------------|-----------------|-----------|--------------------|
| MED/5.2<br>VHF DSC<br>watch-<br>keeping<br>receiver<br>Row 4 of 5 | Type approval requirements               | — | EN 60945:2002 incl. IEC 60945    | B+D<br>B+F      | 13.9.2019 | 12.8.2023<br>(III) |
|   | — SOLAS 74 Reg. IV/14,                   | — | EN 61162 series:                 |                 |           |                    |
|   | — SOLAS 74 Reg. X/3,                     | — | EN 61162-1:2016                  |                 |           |                    |
|   | — IMO Res.MSC.36(63)-(1994 HSC Code) 14, | — | EN 61162-2:1998                  |                 |           |                    |
|   | — IMO Res.MSC.97(73)-(2000 HSC Code) 14. | — | EN 61162-3:2008 +A1:2010+A2:2014 |                 |           |                    |
|   | Carriage and performance requirements    | — | ETSI EN 300 338-1                | V1.4.2:2017-11, |           |                    |
|   | — SOLAS 74 Reg. IV/7,                    | — | ETSI EN 300 338-2                | V1.4.1:2017-02, |           |                    |
|   | — SOLAS 74 Reg. X/3,                     | — | ETSI EN 301 033                  | V1.4.1:2013-09, |           |                    |
|   | — IMO Res.A.694(17),                     | — | ETSI EN 301 843-2                | V2.2.1:2017-11, |           |                    |
|   | — IMO Res.A.803(19),                     | — | IEC 62923-1:2018,                |                 |           |                    |
|   | — IMO Res.MSC.36(63)-(1994 HSC Code) 14, | — | IEC 62923-2:2018.                |                 |           |                    |
|   | — IMO Res.MSC.97(73)-(2000 HSC Code) 14, | — | IEC 60945:2002 incl. IEC 60945   |                 |           |                    |
|   |  |   | Corr. 1:2008,                    |                 |           |                    |



Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                            |  |   |  |  |           |
|---|----------------------------|--|---|--|--|-----------|
|   | —                          | IMO Res. MSC.302(87), 2017,            | — | IEC 61097-3:                                     |  |           |
|   | —                          | IMO COMSAR/ Circ.32,                   | — | IEC 61097-8:1998,                                |  |           |
|   | —                          | ITU-R M.489-2 (10/95),                 | — | IEC 61162 series:                                |  |           |
|   | —                          | ITU-R M.493-14 (09/15),                | — | IEC 61162-1:2016                                 |  |           |
|   | —                          | ITU-R M.541-10 (10/15).                | — | IEC 61162-2 Ed.1.0:1998-09                       |  |           |
|   |                            |  | — | IEC 61162-3 Ed.1.2                               |  |           |
|   |                            |  | — | IEC 61162-4 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 5 of 5 (NEW ROW) | Type approval requirements | — SOLAS 74 Reg. IV/14,                 | — | EN 60945-1:2002 incl. B+F                        |  | 12.8.2020 |
|   | —                          | SOLAS 74 Reg. X/3,                     | — | IEC 60945 Corr. 1:2008,                          |  |           |
|   | —                          | IMO Res.MSC.36(63)-(1994 HSC Code) 14, | — | EN 61162 series:                                 |  |           |
|   | —                          | IMO Res.MSC.97(73)-(2000 HSC           | — | EN 61162-1:2016                                  |  |           |
|   |                            |  | — | EN 61162-2:1998                                  |  |           |
|   |                            |  | — | EN 61162-3:2008 +A1:2010+A2:2014                 |  |           |
|   |                            |  | — | EN 61162-450:2018,                               |  |           |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                       |          |          |
|--|---------------------------------------|----------|----------|
|  | Code)                                 | ETSI     |          |
|  | 14.                                   | EN       |          |
|  |                                       | 300      |          |
|  | Carriage and performance requirements | 338-1    |          |
|  |                                       | V1.5.1:  | 2019-09  |
|  | SOLAS                                 | ETSI     |          |
|  | 74                                    | EN       |          |
|  | Reg. IV/7,                            | 300      |          |
|  | SOLAS                                 | 338-2    |          |
|  | 74                                    | V1.4.1:  | 2017-02, |
|  |                                       | ETSI     |          |
|  | Reg. X/3,                             | EN       |          |
|  | IMO                                   | 301      |          |
|  | Res.A.694(17),                        | 033      |          |
|  | IMO                                   | V1.4.1:  | 2013-09, |
|  | Res.A.803(19),                        | ETSI     |          |
|  | IMO                                   | EN       |          |
|  | Res.MSC.36(63)                        | 301      |          |
|  | (1994                                 | 843-2    |          |
|  | HSC                                   | V2.2.1:  | 2017-11, |
|  | Code)                                 | EN       |          |
|  | 14,                                   | IEC      |          |
|  | IMO                                   | 62923-1: | 2018,    |
|  | Res.MSC.97(73)                        | EN       |          |
|  | (2000                                 | IEC      |          |
|  | HSC                                   | 62923-2: | 2018.    |
|  | Code)                                 | Or:      |          |
|  | 14,                                   | IEC      |          |
|  | IMO                                   | 60945:   | 2002     |
|  | Res. MSC.302(87),                     | incl.    |          |
|  | IMO                                   | IEC      |          |
|  | COMSAR/                               | 60945    |          |
|  | Circ.32,                              | Corr.    |          |
|  | ITU-R                                 | 1:2008,  |          |
|  | M.489-2                               | IEC      |          |
|  | (10/95),                              | 61097-3: |          |
|  | ITU-R                                 | 2017,    |          |
|  | M.493-15                              | IEC      |          |
|  | (01/19),                              | 61097-8: | 1998,    |
|  | ITU-R                                 | IEC      |          |
|  | M.541-10                              | 61162    |          |
|  | (10/15).                              | series:  |          |
|  |                                       | IEC      |          |
|  |                                       | 61162-1: | 2016     |
|  |                                       | IEC      |          |
|  |                                       | 61162-2  |          |
|  |                                       | Ed.1.0:  | 1998-09  |
|  |                                       | IEC      |          |
|  |                                       | 61162-3  |          |
|  |                                       | Ed.1.2   |          |
|  |                                       | Consol.  |          |
|  |                                       | with     |          |
|  |                                       | A1       |          |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |   |   |                    |
|---|---|---|---|---|--------------------|
|   |   |   |   | Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |                    |
| MED/5.3<br>NAVTEX<br>receiver<br>Row 1 of 5 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/14,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>— IMO Or:<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14.<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/7,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC | — | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ETSI<br>EN<br>300<br>065-1<br>V1.2.1:2009-01,<br>ETSI<br>EN<br>301<br>843-4<br>V1.2.1:2004-06.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-6:2012-01. | B+D<br>B+E<br>B+F   | 21.3.2019<br>(III) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |  |   |   |            |           |                   |
|---|--|---|---|------------|-----------|-------------------|
|   |  | Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.148(77),<br>IMO<br>COMSAR/<br>Circ.32,<br>ITU-<br>R<br>M.540-2<br>(06/90),<br>ITU-<br>R<br>M.625-4<br>(03/12). |   |            |           |                   |
| MED/5.3<br>NAVTEX<br>receiver<br>Row 2 of 5 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/14,<br>— SOLAS-<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>— IMO Or:<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/7, | —   | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ETSI<br>EN<br>300<br>065-1<br>V1.2.1:2009-01,<br>ETSI<br>EN<br>301<br>843-4<br>V2.1.1:2016-03.<br><br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-6:2012-01. | B+D<br>B+F | 16.3.2017 | 1.9.2020<br>(III) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                                  |   |   |                   |           |                    |
|---|----------------------------------|---|---|-------------------|-----------|--------------------|
|   | —                                | SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.A.694(17),<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.148(77),<br>IMO<br>COMSAR/<br>Circ.32,<br>ITU-<br>R<br>M.540-2<br>(06/90),<br>ITU-<br>R<br>M.625-4<br>(03/12). |   |                   |           |                    |
| MED/5.3<br>NAVTEX<br>receiver<br>Row 3 of 5 | Type<br>approval<br>requirements | —   | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:  | B+D<br>B+E<br>B+F | 19.6.2018 | 29.8.2021<br>(III) |
|   | —                                | SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC  | EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,<br>ETSI<br>EN |                   |           |                    |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|                                    |  |       |   |  |                 |
|------------------------------------|--|-------|---|--|-----------------|
|                                    | Code)  | 300   |   |  |                 |
|                                    | 14.  | 065-1 |   |  |                 |
|                                    | Carriage and performance requirements  | —     | V1.2.1:2009-01, ETSI EN 301 843-4 V2.1.1:2016-03.   |  |                 |
|                                    | SOLAS 74 Reg. IV/7,  | Or:   | IEC 60945:2002 incl. IEC 60945  |  |                 |
|                                    | SOLAS 74 Reg. X/3, IMO Res.A.694(17),  | —     | Corr. 1:2008,   |  |                 |
|                                    | IMO Res.MSC.36(63) (1994 HSC Code) 14, IMO Res.MSC.97(73)-(2000 HSC Code) 14, IMO Res.MSC.148(77), | —     | 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 |  |                 |
|                                    | COMSAR/ Circ.32, ITU-R M.540-2 (06/90), ITU-R M.625-4 (03/12).                                     | —     | IEC 61162-450 Ed.1.0:2011-06 with A1:2016,  |  |                 |
|                                    |  | —     | IEC 61097-6:2012-01.  |  |                 |
| MED/5.3 NAVTEX receiver Row 4 of 5 | Type approval requirements   | —     | EN 60945-1:2002 incl. B+D B+F   |  | 12.8.2023 (III) |
|                                    | SOLAS 74 Reg. IV/14,   | —     | IEC 60945 Corr. 1:2008,   |  |                 |
|                                    | SOLAS 74   | —     |   |  |                 |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |  |    |                                   |  |  |
|--|--|----|-----------------------------------|--|--|
|  | Reg. X/3, IMO                          | —  | EN 61162 series:                  |  |  |
|  | Res.MSC.36(63)-(1994 HSC Code) 14, IMO | —  | EN 61162-1:2016                   |  |  |
|  | Res.MSC.97(73)-(2000 HSC Code) 14.     | —  | EN 61162-2:1998                   |  |  |
|  | Carriage and performance requirements  | —  | EN 61162-3:2008                   |  |  |
|  | SOLAS 74                               | —  | +A1:2010+A2:2014                  |  |  |
|  | Reg. IV/7, SOLAS 74                    | —  | IEC 61162-450:2018,               |  |  |
|  | Reg. X/3, IMO                          | —  | ETSI EN 300 065-1 V1.2.1:2009-01, |  |  |
|  | Res.A.694(17), IMO                     | Or | ETSI EN 301 843-2 V2.2.1:2017-11, |  |  |
|  | Res.MSC.36(63)-(1994 HSC Code) 14, IMO | —  | IEC 62923-1:2018,                 |  |  |
|  | Res.MSC.97(73)-(2000 HSC Code) 14, IMO | —  | IEC 62923-2:2018.                 |  |  |
|  | Res.A.694(17), IMO                     | Or | IEC 60945:2002                    |  |  |
|  | Res.MSC.36(63)-(1994 HSC Code) 14, IMO | —  | incl. IEC 60945                   |  |  |
|  | Res.MSC.97(73)-(2000 HSC Code) 14, IMO | —  | Corr. 1:2008,                     |  |  |
|  | Res.MSC.97(73)-(2000 HSC Code) 14, IMO | —  | IEC 61162 series:                 |  |  |
|  | Res.MSC.148(77), IMO                   | —  | IEC 61162-1:2016                  |  |  |
|  | Res. MSC.302(87), IMO                  | —  | IEC 61162-2                       |  |  |
|  | COMSAR/ Circ.32, ITU-R                 | —  | Ed.1.0:1998-09                    |  |  |
|  |  | —  | IEC 61162-3                       |  |  |
|  |  | —  | Ed.1.2                            |  |  |
|  |  | —  | Consol. with A1                   |  |  |
|  |  | —  | Ed. 1.0:2010-11                   |  |  |
|  |  | —  | and A2                            |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |   |  |   |           |
|--|---|---|--|---|-----------|
|  |   | M.540-2<br>(06/90),<br>ITU-<br>R<br>M.625-4<br>(03/12).   |  | Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>IEC<br>61097-6:2012-01,<br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |           |
| MED/5.3<br>NAVTEX<br>receiver<br>Row 5 of 5<br>(NEW ROW) | Type<br>approval<br>requirements            | —   | EN   | B+D<br>60945:2002<br>incl. B+F  | 12.8.2020 |
|  | —   | SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14. | IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018,<br>ETSI<br>EN<br>300<br>065-1<br>V1.2.1:2009-01,<br>ETSI<br>EN<br>301<br>843-2<br>V2.2.1:2017-11,<br>EN<br>IEC<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945 |   |           |
|  | Carriage and<br>performance<br>requirements | —   |  |   |           |
|  | —   | SOLAS<br>74<br>Reg.<br>IV/7,<br>SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.A.694(17),<br>Or:<br>IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,                              |  |   |           |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|                                 |                            |  |   |         |                 |
|---------------------------------|----------------------------|--|---|---------|-----------------|
|                                 | —                          | IMO Res.MSC.97(73):2008, (2000 HSC Code) 14, | Corr. IEC 61162 series:                     |         |                 |
|                                 | —                          | IMO Res.MSC.148(77),                         | IEC 61162-1:2016                            |         |                 |
|                                 | —                          | IMO Res. MSC.302(87),                        | IEC 61162-2 Ed.1.0:1998-09                  |         |                 |
|                                 | —                          | IMO COMSAR/ Circ.32,                         | IEC 61162-3 Ed.1.2                          |         |                 |
|                                 | —                          | ITU-R M.540-2 (06/90),                       | Consol. with A1 Ed. 1.0:2010-11             |         |                 |
|                                 | —                          | ITU-R M.625-4 (03/12).                       | and A2 Ed. 1.0:2014-07                      |         |                 |
|                                 | —                          |  | IEC 61162-450:2018,                         |         |                 |
|                                 | —                          |  | IEC 61097-6:2012-01+A1:2011+A2:2019,        |         |                 |
|                                 | —                          |  | IEC 62923-1:2018,                           |         |                 |
|                                 | —                          |  | IEC 62923-2:2018.                           |         |                 |
| MED/5.4 EGC receiver Row 1 of 5 | Type approval requirements | —  | EN 60945-1:2002 incl. B+B                   | B+D B+F | 21.3.2019 (III) |
|                                 | —                          | SOLAS 74 Reg. IV/14,                         | IEC 60945 Corr. 1:2008,                     |         |                 |
|                                 | —                          | SOLAS 74 Reg. X/3,                           | ETSI ETS 300 460                            |         |                 |
|                                 | —                          | IMO Res.MSC.36(63) (1994 HSC Code) 14,       | Ed.1:1996-05, ETSI ETS 300 460/ A1:1997-11, |         |                 |
|                                 | —                          | IMO Res.MSC.97(73) (2000 HSC                 | ETSI EN 300 829 V1.1,1:1998-03,             |         |                 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|                                       |                                       |       |                 |      |           |
|---------------------------------------|---------------------------------------|-------|-----------------|------|-----------|
|                                       | Code)                                 | —     | ETSI            |      |           |
|                                       | 14.                                   |       | EN              |      |           |
|                                       | Carriage and performance requirements |       | 301             |      |           |
|                                       |                                       |       | 843-1           |      |           |
|                                       |                                       |       | V1.3.1:2012-08. |      |           |
|                                       | —                                     | Or:   |                 |      |           |
|                                       | SOLAS                                 |       | IEC             |      |           |
|                                       | 74                                    |       | 60945:2002      |      |           |
|                                       | Reg. IV/7,                            |       | incl.           |      |           |
|                                       | —                                     | SOLAS | IEC             |      |           |
|                                       | 74                                    |       | 60945           |      |           |
|                                       | Reg. X/3,                             |       | Corr.           |      |           |
|                                       | —                                     | IMO   | 1:2008,         |      |           |
|                                       | Res.A.570(14),                        |       | IEC             |      |           |
|                                       | —                                     | IMO   | 61097-4:2012.   |      |           |
|                                       | 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.306(87),                      |       |                 |      |           |
|                                       | —                                     | IMO   |                 |      |           |
|                                       | COMSAR/                               |       |                 |      |           |
|                                       | Circ.32.                              |       |                 |      |           |
| MED/5.4<br>EGC receiver<br>Row 2 of 5 | Type approval requirements            | —     | EN              | B+D  | 16.3.2017 |
|                                       |                                       |       | 60945           | 5B+D | 1.9.2020  |
|                                       |                                       |       | incl.           | B+F  | (III)     |
|                                       | —                                     | SOLAS | IEC             |      |           |
|                                       | 74                                    |       | 60945           |      |           |
|                                       | Reg. IV/14,                           |       | Corr.           |      |           |
|                                       | —                                     | SOLAS | 1:2008,         |      |           |
|                                       | 74                                    |       | ETSI            |      |           |
|                                       | Reg. X/3,                             |       | ETS             |      |           |
|                                       | —                                     | IMO   | 300             |      |           |
|                                       | Res.MSC.36(63)-                       |       | 460             |      |           |
|                                       | (1994                                 |       | Ed.1:1996-05,   |      |           |
|                                       | HSC                                   |       | ETSI            |      |           |
|                                       | Code)                                 |       | ETS             |      |           |
|                                       | 14,                                   |       | 300             |      |           |
|                                       |                                       |       | 460/            |      |           |
|                                       |                                       |       | A1:1997-11,     |      |           |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|                                 |  |  |         |           |                 |
|---------------------------------|--|--|---------|-----------|-----------------|
|                                 | <p>— IMO Res.MSC.97(73)-<br/>(2000 HSC Code) 14.</p> <p>Or:</p> <p>Carriage and performance requirements</p> <p>— 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.306(87), IMO COMSAR/ Circ.32.</p> | <p>— ETSI EN 301 843-1 V2.1.1:2016-03.</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61097-4:2012.</p> |         |           |                 |
| MED/5.4 EGC receiver Row 3 of 5 | Type approval requirements   | — EN 60945-1:2002 incl. EN 61162 series:   | B+D B+F | 19.6.2018 | 29.8.2021 (III) |
|                                 | — SOLAS 74 Reg. IV/14, SOLAS 74 Reg. X/3, IMO Res.MSC.36(63)-(1994   | — IEC 60945 Corr. 1:2008, EN 61162 series: EN 61162-1:2016 EN 61162-2:1998   |         |           |                 |

*Status:* Point in time view as at 16/07/2020.

*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |  |   |
|---|--|---|
| — | HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14.  | EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,   |
| — | Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/7,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.A.570(14),<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>— IMO<br>Res.MSC.306(87),<br>— IMO<br>COMSAR/<br>Circ.32. | ETSI<br>ETS<br>300<br>460<br>Ed.1:1996-05,<br>ETSI<br>ETS<br>300<br>460/<br>A1:1997-11,<br>ETSI<br>EN<br>301<br>843-1<br>V2.1.1:2016-03.<br>Or:<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-4:2012,<br>IEC<br>61162<br>series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06 |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|                                       |  |   |   | with<br>A1:2016.  |           |                    |
|---------------------------------------|--|---|---|-------------------|-----------|--------------------|
| MED/5.4<br>EGC receiver<br>Row 4 of 5 | Type approval requirements                   | — | EN 60945-1:2008, EN 61162 series:                     | B+D<br>B+D<br>B+F | 13.9.2019 | 12.8.2023<br>(III) |
|                                       | — SOLAS 74 Reg. IV/14,                       | — | IEC 60945 Corr. 1:2008,                               |                   |           |                    |
|                                       | — SOLAS 74 Reg. X/3,                         | — | EN 61162 series:                                      |                   |           |                    |
|                                       | — IMO Res.MSC.36(63)-(1994 HSC Code) 14,     | — | EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008 |                   |           |                    |
|                                       | — IMO Res.MSC.97(73)-(2000 HSC Code) 14.     | — | ETSI ETS 300 460 Ed.1:1996-05,                        | +A1:2010+A2:2014  |           |                    |
|                                       | Carriage and performance requirements        | — | ETSI ETS 300 460/                                     |                   |           |                    |
|                                       | — SOLAS 74 Reg. IV/7,                        | — | A1:1997-11,   |                   |           |                    |
|                                       | — SOLAS 74 Reg. X/3,                         | — | ETSI EN 301 843-2                                     |                   |           |                    |
|                                       | — IMO Res.A.570(14),                         | — | V2.2.1:2017-11,                                       |                   |           |                    |
|                                       | — IMO Res.A.694(17),                         | — | IEC 62923-1:2018,                                     |                   |           |                    |
|                                       | — IMO Or. Res.MSC.36(63)-(1994 HSC Code) 14, | — | IEC 62923-2:2018.                                     |                   |           |                    |
|                                       | — IMO Res.MSC.97(73)-(2000 HSC Code) 14,     | — | IEC 60945:2002<br>incl. IEC 60945 Corr. 1:2008,       |                   |           |                    |
|                                       |  | — | IEC 61097-4:2012,                                     |                   |           |                    |

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|   |                                       |   |                         |   |  |           |
|---|---------------------------------------|---|-------------------------|---|--|-----------|
|   | —                                     | IMO Res. MSC.302(87), series:           | —                       | IEC 61162   |  |           |
|   | —                                     | IMO Res. MSC.306(87),                   |                         | IEC 61162-1:2016  |  |           |
|   | —                                     | IMO COMSAR/Circ.32.                     |                         | 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/5.4 EGC receiver Row 5 of 5 (NEW ROW) | Type approval requirements            | —                                       | EN 60945                | B+D B+B2 B+F  |  | 12.8.2020 |
|   | —                                     | SOLAS 74 Reg. IV/14,                    | IEC 60945 Corr. 1:2008, |   |  |           |
|   | —                                     | SOLAS 74 Reg. X/3,                      | EN 61162 series:        |   |  |           |
|   | —                                     | IMO Res. MSC.36(63)-(1994 HSC Code) 14, |                         | EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014          |  |           |
|   | —                                     | IMO Res. MSC.97(73)-(2000 HSC Code) 14. |                         | EN 61162-450:2018,  |  |           |
|   | Carriage and performance requirements | —                                       | ETSI ETS 300 460 Ed.1:  | 1996-05,  |  |           |

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|---|--|---|--|
| — | SOLAS<br>74<br>Reg.<br>IV/7,                         | ETSI<br>ETS<br>300<br>460/  |  |
| — | SOLAS<br>74 —  | A1:1997-11,<br>ETSI   |  |
| — | Reg.<br>X/3,   | EN<br>301   |  |
| — | IMO<br>Res.A.570(14), V2.2.1:2017-11,                | 843-2   |  |
| — | IMO —  | EN  |  |
| — | Res.A.694(17), IEC                                   | 62923-1:2018,   |  |
| — | IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code) Or:   | EN<br>IEC<br>62923-2:2018.  |  |
| — | IMO<br>Res.MSC.97(73) incl.<br>(2000<br>HSC<br>Code) | IEC<br>60945:2002<br>IEC<br>60945<br>Corr.<br>1:2008,   |  |
| — | IMO —  | IEC   |  |
| — | Res.<br>MSC.302(87),                                 | 61097-4:2012<br>+A1:2016+A2:2019,   |  |
| — | IMO —  | IEC   |  |
| — | Res.MSC.306(87),<br>IMO<br>COMSAR/<br>Circ.32.       | 62923-1:2018,<br>IEC<br>62923-2:2018.   |  |
|   |  | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                  |     |                 |      |                   |
|--|----------------------------------|-----|-----------------|------|-------------------|
| MED/5.5<br>HF marine<br>safety<br>information<br>(MSI)<br>equipment<br>(HF NBDP<br>receiver)<br>Row 1 of 3 | Type<br>approval<br>requirements | —   | EN              | B+D  | 1.9.2020<br>(III) |
|  |                                  |     | 60945           | 2002 |                   |
|  |                                  |     | incl.           | B+F  |                   |
|  | — SOLAS                          |     | IEC             |      |                   |
|  | 74                               |     | 60945           |      |                   |
|  | Reg.                             |     | Corr.           |      |                   |
|  | IV/14,                           |     | 1:2008,         |      |                   |
|  | — SOLAS                          |     | EN              |      |                   |
|  | 74                               |     | 61162           |      |                   |
|  | Reg.                             |     | series:         |      |                   |
|  | X/3,                             |     | EN              |      |                   |
|  | — IMO                            |     | 61162-1:2011    |      |                   |
|  | Res.MSC.36(63)-                  |     | EN              |      |                   |
|  | (1994                            |     | 61162-2:1998    |      |                   |
|  | HSC                              |     | EN              |      |                   |
|  | Code)                            |     | 61162-3:2008    |      |                   |
|  | 14,                              |     | EN              |      |                   |
|  | — IMO                            |     | 61162-450:2011, |      |                   |
|  | Res.MSC.97(73)-                  |     | ETSI            |      |                   |
|  | (2000                            |     | ETS             |      |                   |
|  | HSC                              |     | 300             |      |                   |
|  | Code)                            |     | 067             |      |                   |
|  | 14.                              |     | Ed.1:1990-11,   |      |                   |
|  | —                                |     | ETSI            |      |                   |
|  | Carriage and                     |     | ETS             |      |                   |
|  | performance                      |     | 300             |      |                   |
|  | requirements                     |     | 067/            |      |                   |
|  | — SOLAS                          |     | A1              |      |                   |
|  | 74                               |     | Ed.1:1993-10.   |      |                   |
|  | Reg.                             | Or: | IEC             |      |                   |
|  | IV/7,                            |     | 60945:2002      |      |                   |
|  | — SOLAS                          |     | incl.           |      |                   |
|  | 74                               |     | 60945           |      |                   |
|  | Reg.                             |     | Corr.           |      |                   |
|  | X/3,                             |     | 1:2008,         |      |                   |
|  | — IMO                            |     | IEC             |      |                   |
|  | Res.A.694(17),                   |     | 61162           |      |                   |
|  | — IMO                            |     | series:         |      |                   |
|  | Res.A.699(17),                   |     | IEC             |      |                   |
|  | — IMO                            |     | 61162-1         |      |                   |
|  | Res.A.700(17),                   |     | Ed.4.0:2010-11  |      |                   |
|  | — IMO                            |     | IEC             |      |                   |
|  | Res.A.806(19),                   |     | 61162-2         |      |                   |
|  | — IMO                            |     | Ed.1.0:1998-09  |      |                   |
|  | Res.MSC.36(63)-                  |     | IEC             |      |                   |
|  | (1994                            |     | 61162-3         |      |                   |
|  | HSC                              |     | Ed.1.2          |      |                   |
|  | Code)                            |     | Consol.         |      |                   |
|  | 14,                              |     | with            |      |                   |
|  | — IMO                            |     | A1              |      |                   |
|  | Res.MSC.97(73)-                  |     | Ed.             |      |                   |
|  | (2000                            |     |                 |      |                   |
|  | HSC                              |     |                 |      |                   |



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|  |                                  |  |  |                                     |           |                    |
|--|----------------------------------|--|--|-------------------------------------|-----------|--------------------|
|  |                                  | Code)  |  | 1.0:2010-11                         |           |                    |
|  | —                                | 14,<br>IMO<br>MSC.1/<br>Circ.1460,                 |  | and<br>A2<br>Ed.<br>1.0:2014-07     |           |                    |
|  | —                                | IMO<br>COMSAR/<br>Circ.32,                         |  | IEC<br>61162-450<br>Ed.1.0:2011-06, |           |                    |
|  | —                                | ITU-<br>R<br>M.492-6<br>(10/95),                   | ETSI<br>ETS<br>300<br>067  |                                     |           |                    |
|  | —                                | ITU-<br>R<br>M.540-2<br>(06/90),                   | Ed.1:1990-11,<br>ETSI<br>ETS<br>300  |                                     |           |                    |
|  | —                                | ITU-<br>R<br>M.625-4<br>(03/12),                   | 067/<br>A1<br>Ed.1:1993-10.  |                                     |           |                    |
|  | —                                | ITU-<br>R<br>M.688<br>(06/90).                     |  |                                     |           |                    |
| MED/5.5<br>HF marine<br>safety<br>information<br>(MSI)<br>equipment<br>(HF NBDP<br>receiver)<br>Row 2 of 3 | Type<br>approval<br>requirements | —  | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series: | B+D<br>B0B2<br>B+F                  | 19.6.2018 | 29.8.2021<br>(III) |
|  | —                                | SOLAS<br>74<br>Reg.<br>IV/14,                      |  |                                     |           |                    |
|  | —                                | SOLAS-<br>74<br>Reg.<br>X/3,                       |  | EN<br>61162-1:2016                  |           |                    |
|  | —                                | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)    | EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014                       |                                     |           |                    |
|  | —                                | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)    | EN<br>61162-450:2011+A1:2016,<br>ETSI<br>ETS<br>300<br>067                         |                                     |           |                    |
|  | —                                | 14.<br>Carriage and<br>performance<br>requirements | Ed.1:1990-11,<br>ETSI<br>ETS<br>300<br>067/  |                                     |           |                    |
|  | —                                | SOLAS<br>74  |  |                                     |           |                    |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--------------------------------------|----------------------------|--|---|---------|-----------|
|                                      |                            | Reg. IV/7, SOLAS Sr: 74  | A1 Ed.1:1993-10,  |         |           |
|                                      |                            | 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 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). | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 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 Ed.1.0:2011-06 with A1:2016, ETSI ETS 300 067 Ed.1:1990-11, ETSI ETS 300 067/ A1 Ed.1:1993-10. |         |           |
| MED/5.5 HF marine safety information | Type approval requirements | —  | EN 60945-1:2002 incl. IEC   | B+D B+F | 13.9.2019 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |   |  |
|---|---|---|---|--|
| (MSI)<br>equipment<br>(HF NBDP<br>receiver)<br>Row 3 of 3 | — | SOLAS<br>74<br>Reg.<br>IV/14,   | 60945<br>Corr.<br>1:2008,<br>EN   |  |
|   | — | SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14, | 61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018,                  |  |
|   | — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14.                                | ETSI<br>ETS<br>300<br>067<br>Ed.1:1990-11,<br>ETSI<br>ETS<br>300<br>067/A1<br>Ed.1:1993-10,<br>EN<br>IEC<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018. |  |
|   | — | Carriage and<br>performance<br>requirements   | ETSI<br>ETS<br>300<br>067/  |  |
|   | — | SOLAS<br>74<br>Reg.<br>IV/7,  | A1<br>Ed.1:1993-10,<br>EN<br>IEC<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018.   |  |
|   | — | SOLAS<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.A.694(17),<br>Or:                           | EN<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:   |  |
|   | — | IMO<br>Res.A.699(17),   | IEC<br>60945:2002   |  |
|   | — | IMO<br>Res.A.700(17),   | incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:  |  |
|   | — | IMO<br>Res.A.806(19),   | 60945<br>Corr.<br>1:2008,<br>IEC<br>61162<br>series:  |  |
|   | — | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,                                | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2   |  |
|   | — | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,                                | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2   |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                                       |  |   |  |  |
|--|---------------------------------------|--|---|--|--|
|  | —                                     | IMO Res. MSC.302(87),                  |   | Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, |  |
|  | —                                     | IMO MSC.1/Circ.1460,                   |   |  |  |
|  | —                                     | IMO COMSAR/Circ.32,                    |   |  |  |
|  | —                                     | ITU-R M.492-6 (10/95),                 | ETSI ETS 300 067                                  |  |  |
|  | —                                     | ITU-R M.540-2 (06/90),                 | Ed.1:1990-11, ETSI                                |  |  |
|  | —                                     | ITU-R M.625-4 (03/12),                 | ETS 300 067/A1                                    |  |  |
|  | —                                     | ITU-R M.688 (06/90),                   | Ed.1:1993-10, IEC 62923-1:2018, IEC 62923-2:2018. |  |  |
| MED/5.6<br>406 MHz<br>EPIRB<br>(COSPAS-SARSAT)<br>Row 1 of 1 | Type approval requirements            | —                                      | IMO B+D MSC/B+E Circ.862,F                        |  |  |
|  | —                                     | SOLAS 74 Reg. IV/14,                   | Note: IMO MSC/Circ.862                            |  |  |
|  | —                                     | SOLAS 74 Reg. X/3,                     | is applicable only to the                         |  |  |
|  | —                                     | IMO Res.MSC.36(63) (1994 HSC Code) 14, | optional remote activation device, not to         |  |  |
|  | —                                     | IMO Res.MSC.97(73) (2000 HSC Code) 14. | the EPIRB itself. EN 60945:2002                   |  |  |
|  | Carriage and performance requirements |  | incl. IEC 60945                                   |  |  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |  |  |
|---|--|---|--|--|
| — | SOLAS<br>74<br>Reg. —<br>IV/7,<br>IMO<br>Res.A.662(16),<br>IMO<br>Res.A.664(17),<br>IMO —<br>Res.A.696(17),<br>IMO<br>Res.A.810(19),<br>IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14,<br>IMO<br>MSC/<br>Circ.862,<br>IMO<br>COMSAR/<br>Circ.32,<br>ITU-<br>R<br>M.633-4<br>(12/10),<br>ITU-<br>R<br>M.690-3<br>(03/15). | Corr.<br>1:2008,<br>ETSI<br>EN<br>300<br>V1.3.1:2001-01.<br>IMO<br>MSC/<br>Circ.862,<br>Note:<br>IMO<br>MSC/<br>Circ.862<br>is<br>applicable<br>only<br>to<br>the<br>optional<br>remote<br>activation<br>device,<br>not<br>to<br>the<br>EPIRB<br>itself.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-2<br>ed3.0:2008. |  |  |
|---|--|---|--|--|

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.

|   |  |  |  |                    |
|---|--|--|--|--------------------|
| MED/5.10<br>MF radio<br>capable of<br>transmitting<br>and receiving<br>DSC and<br>radiotelephony<br>Note: In line<br>with IMO | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/14,<br>— SOLAS<br>74 | —<br>IMO B+D<br>MSC/B+E<br>Circ.862,F<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945 |  | 21.3.2019<br>(III) |
|---|--|--|--|--------------------|

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |   |   |                        |
|---|---|---|------------------------|
| <p>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</p> | <p>— Reg. X/3, IMO Res.MSC.36(63) (1994 HSC Code) 14, IMO Res.MSC.97(73) (2000 HSC Code) 14.</p>  | <p>Corr. 1:2008, EN 162 series, ETSI EN 300 338-1 V1.3.1:2010-02, ETSI EN 300 338-2</p> |                        |
| <p>Carriage and performance requirements</p>  | <p>— SOLAS 74</p>   | <p>— EN 300 373-1</p>   |                        |
| <p>—</p>  | <p>Reg. IV/9, SOLAS 74</p>  | <p>— ETSI EN 301 843-5</p>  | <p>V1.4.1:2013-09,</p> |
| <p>—</p>  | <p>Reg. IV/10, 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.1/ Circ.1460, IMO COMSAR/ Circ.32, ITU-R M.493-13 (10/09),</p> | <p>V1.1.1:2004-06.</p>  |                        |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                                       |  |  |           |                |  |
|--|---------------------------------------|--|--|-----------|----------------|--|
|  | —                                     | ITU-R M.541-9 (05/04).                     |  |           |                |  |
| 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            | —  | IMO B+D MSC/B+E Circ.862,F EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series: EN 61162-1:2011 EN 61162-2:1998 EN 61162-3:2008 EN 61162-450:2011, | 16.3.2017 | 1.9.2020 (III) |  |
|  | —                                     | 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) —   |           |                |  |
|  | Carriage and performance requirements | —  | ETSI EN 300 338-1 V1.3.1:2010-02, ETSI EN 300 338-2 V1.3.1:2010-02, ETSI EN 300 373-1 V1.4.1:2013-09, ETSI EN 301 843-5 V2.1.1:2016-03.                    |           |                |  |
|  | —                                     | SOLAS 74 Reg. IV/9, SOLAS 74 Reg. IV/10, — | 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) —  |           |                |  |

*Status:* Point in time view as at 16/07/2020.

*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|                |              |                 |                           |           |           |
|----------------|--------------|-----------------|---------------------------|-----------|-----------|
|                | Code)        |                 |                           |           |           |
|                | 14,          |                 |                           |           |           |
|                | IMO          |                 |                           |           |           |
|                | MSC.1/       |                 |                           |           |           |
|                | Circ.1460,   |                 |                           |           |           |
|                | IMO          |                 |                           |           |           |
|                | COMSAR/      |                 |                           |           |           |
|                | Circ.32,     |                 |                           |           |           |
|                | ITU-         |                 |                           |           |           |
|                | R            |                 |                           |           |           |
|                | M.493-14     |                 |                           |           |           |
|                | (09/15),     |                 |                           |           |           |
|                | ITU-         |                 |                           |           |           |
|                | R            |                 |                           |           |           |
|                | M.541-10     |                 |                           |           |           |
|                | (10/15),     |                 |                           |           |           |
|                | ITU-         |                 |                           |           |           |
|                | R            |                 |                           |           |           |
|                | M.1173-1     |                 |                           |           |           |
|                | (03/12).     |                 |                           |           |           |
| MED/5.10       | Type         | —               | IMO B+D                   | 19.6.2018 | 29.8.2021 |
| MF radio       | approval     |                 | MSC/B+E                   |           | (III)     |
| capable of     | requirements |                 | Circ.862,F                |           |           |
| transmitting   | —            | SOLAS-          | EN                        |           |           |
| and receiving  |              | 74              | 60945:2002                |           |           |
| DSC and        |              | Reg.            | incl.                     |           |           |
| radiotelephony |              | IV/14,          | IEC                       |           |           |
| Note: In line  | —            | SOLAS           | 60945                     |           |           |
| with IMO       |              | 74              | Corr.                     |           |           |
| and ITU        |              | Reg.            | 1:2008,                   |           |           |
| decisions, the | —            | X/3,            | EN                        |           |           |
| requirements   |              | IMO             | 61162                     |           |           |
| for Two        | —            | Res.MSC.36(63)  | series:                   |           |           |
| Tone Alarm     |              | (1994           | EN                        |           |           |
| generator and  |              | HSC             | 61162-1:2016              |           |           |
| transmission   |              | Code)           | EN                        |           |           |
| on H3E are     | —            | 14,             | 61162-2:1998              |           |           |
| no longer      |              | IMO             | EN                        |           |           |
| applicable in  |              | Res.MSC.97(73)- | 61162-3:2008              |           |           |
| the testing    |              | (2000           | +A1:2010+A2:2014          |           |           |
| standards.     |              | HSC             | EN                        |           |           |
| Row 3 of 5     |              | Code)           | 61162-450:2011 )+A1:2016, |           |           |
|                | 14.          | —               | ETSI                      |           |           |
|                | Carriage and |                 | EN                        |           |           |
|                | performance  |                 | 300                       |           |           |
|                | requirements |                 | 338-1                     |           |           |
|                | —            | SOLAS           | V1.4.1:2017-02,           |           |           |
|                |              | 74              | ETSI                      |           |           |
|                |              | Reg.            | EN                        |           |           |
|                |              | IV/9,           | 300                       |           |           |
|                | —            | SOLAS           | 338-2                     |           |           |
|                |              | 74              | V1.4.1:2017-02,           |           |           |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |   |   |                    |
|--|---|---|---|--------------------|
|  |   | Reg. — ETSI<br>IV/10, EN<br>— SOLAS 300<br>74 373-1<br>Reg. V1.4.1:2013-09,<br>X/3, — ETSI<br>— IMO EN<br>Res.A.694(17), 301<br>— IMO 843-5<br>Res.A.804(19), V2.1.1:2016-03.<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>— IMO<br>MSC.1/<br>Circ.1460,<br>— IMO<br>COMSAR/<br>Circ.32,<br>— ITU-<br>R<br>M.493-14<br>(09/15),<br>— ITU-<br>R<br>M.541-10<br>(10/15),<br>— ITU-<br>R<br>M.1173-1<br>(03/12). |   |                    |
| MED/5.10<br>MF radio<br>capable of<br>transmitting<br>and receiving<br>DSC and<br>radiotelephony<br>Note: In line<br>with IMO<br>and ITU<br>decisions, the<br>requirements | Type<br>approval<br>requirements<br>— SOLAS-<br>74<br>Reg.<br>IV/14,<br>— SOLAS<br>74<br>Reg.<br>X/3, | —   | IMO B+D<br>MSC/B+E<br>Circ.862,F<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008, | 12.8.2023<br>(III) |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |   |  |   |                 |  |
|--|---|--|---|-----------------|--|
| for Two Tone Alarm generator and transmission on H3E are no longer applicable in the testing standards. Row 4 of 5 | — | IMO Res.MSC.36(63) (1994 HSC Code) 14,     | EN 61162 series:  | EN 61162-1:2016 |  |
|  | — | IMO Res.MSC.97(73)- (2000 HSC Code) 14.    | EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>IEC 61162-450:2018, |                 |  |
|  | — | Carriage and performance requirements      | ETSI EN 300 338-1   |                 |  |
|  | — | SOLAS 74 Reg. IV/9,                        | ETSI EN 300 338-2   | V1.4.2:2017-11, |  |
|  | — | SOLAS 74 Reg. IV/10,                       | ETSI EN 300 373-1   | V1.4.1:2017-02, |  |
|  | — | SOLAS 74 Reg. X/3,                         | ETSI EN 301 843-2   | V2.2.1:2017-11, |  |
|  | — | IMO Res.A.694(17),                         | IEC 62923-1:2018,   |                 |  |
|  | — | IMO Res.A.804(19),                         | IEC 62923-2:2018.   |                 |  |
|  | — | IMO Res.MSC.36(63) (1994 HSC Code) 14, Or: | IEC 60945:2002  |                 |  |
|  | — | IMO Res.MSC.97(73)- (2000 HSC Code) 14,    | IEC 60945 Corr. 1:2008,   |                 |  |
|  | — | IMO Res. MSC.302(87),                      | IEC 61097-3: 2017,  |                 |  |
|  | — | IMO MSC.1/ Circ.1460,                      | IEC 61097-9: 1997,  |                 |  |
|  | — |  | IEC 61162 series:   |                 |  |

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|  |   |  |   |   |           |
|--|---|--|---|---|-----------|
|  | —   | IMO<br>COMSAR/<br>Circ.32,                             |   | IEC<br>61162-1:2016                                   |           |
|  | —   | ITU-<br>R<br>M.493-14<br>(09/15),                      |   | IEC<br>61162-2<br>Ed.1.0:1998-09                      |           |
|  | —   | ITU-<br>R<br>M.541-10<br>(10/15),                      |   | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1     |           |
|  | —   | ITU-<br>R<br>M.1173-1<br>(03/12).                      |   | Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07 |           |
|  | —   |  | IEC<br>62923-1:2018,  | IEC<br>61162-450:2018,                                |           |
|  | —   |  | IEC<br>62923-2:2018.  |   |           |
| MED/5.10<br>MF radio<br>capable of<br>transmitting<br>and receiving<br>DSC and<br>radiotelephony<br>Note: In line<br>with IMO<br>and ITU<br>decisions, the<br>requirements<br>for Two<br>Tone Alarm<br>generator and<br>transmission<br>on H3E are<br>no longer<br>applicable in<br>the testing<br>standards.<br>Row 5 of 5<br>(NEW ROW) | Type<br>approval<br>requirements            | —  | IMO B+D<br>MSC/B+E<br>Circ.862-F  |   | 12.8.2020 |
|  | —   | SOLAS-<br>74<br>Reg.<br>IV/14,                         | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,                                 |   |           |
|  | —   | SOLAS<br>74<br>Reg.<br>X/3,                            | EN<br>61162   |   |           |
|  | —   | IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,  | series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014 |   |           |
|  | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14. |   | EN<br>61162-450:2018,                                 |           |
|  | Carriage and<br>performance<br>requirements | —  | ETSI<br>EN<br>300<br>338-1  |   |           |
|  | —   | SOLAS<br>74  | V1.5.1:2019-09,   |   |           |

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|   |                 |                 |  |
|---|-----------------|-----------------|--|
|   | Reg. —          | ETSI            |  |
|   | IV/9,           | EN              |  |
| — | SOLAS           | 300             |  |
|   | 74              | 338-2           |  |
|   | Reg.            | V1.4.1:2017-02, |  |
|   | IV/10,—         | ETSI            |  |
| — | SOLAS           | EN              |  |
|   | 74              | 300             |  |
|   | Reg.            | 373-1           |  |
|   | X/3,            | V1.4.1:2013-09, |  |
| — | IMO —           | ETSI            |  |
|   | Res.A.694(17),  | EN              |  |
| — | IMO             | 301             |  |
|   | Res.A.804(19),  | 843-2           |  |
| — | IMO             | V2.2.1:2017-11, |  |
|   | Res.MSC.36(63)  | EN              |  |
|   | (1994           | IEC             |  |
|   | HSC             | 62923-1:2018,   |  |
|   | Code) —         | EN              |  |
|   | 14,             | IEC             |  |
| — | IMO             | 62923-2:2018.   |  |
|   | Res.MSC.97(73)- |                 |  |
|   | (2000 —         | IEC             |  |
|   | HSC             | 60945:2002      |  |
|   | Code)           | incl.           |  |
|   | 14,             | IEC             |  |
| — | IMO             | 60945           |  |
|   | Res.            | Corr.           |  |
|   | MSC.302(87),    | 1:2008,         |  |
| — | IMO —           | IEC             |  |
|   | MSC.1/          | 61097-3:        |  |
|   | Circ.1460,      | 2017,           |  |
| — | IMO —           | IEC             |  |
|   | COMSAR/         | 61097-9:        |  |
|   | Circ.32,        | 1997,           |  |
| — | ITU- —          | IEC             |  |
|   | R               | 61162           |  |
|   | M.493-15        | series:         |  |
|   | (01/19),        | IEC             |  |
| — | ITU-            | 61162-1:2016    |  |
|   | R               | IEC             |  |
|   | M.541-10        | 61162-2         |  |
|   | (10/15),        | Ed.1.0:1998-09  |  |
| — | ITU-            | IEC             |  |
|   | R               | 61162-3         |  |
|   | M.1173-1        | Ed.1.2          |  |
|   | (03/12).        | Consol.         |  |
|   |                 | with            |  |
|   |                 | A1              |  |
|   |                 | Ed.             |  |
|   |                 | 1.0:2010-11     |  |
|   |                 | and             |  |
|   |                 | A2              |  |

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|   |   |   |   |  |                    |
|---|---|---|---|--|--------------------|
|   |   |   |   | Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018, |                    |
|   |   | — | IEC<br>62923-1:2018,                          |  |                    |
|   |   | — | IEC<br>62923-2:2018.                          |  |                    |
| MED/5.11<br>MF DSC<br>watch-<br>keeping<br>receiver<br>Row 1 of 5 | Type<br>approval<br>requirements                        | — | EN<br>60945:2002<br>incl. B+F                 | B+D<br>B+F                                   | 21.3.2019<br>(III) |
|   | — SOLAS<br>74<br>Reg.<br>IV/14,                         | — | IEC<br>60945<br>Corr.<br>1:2008,              |  |                    |
|   | — SOLAS<br>74<br>Reg.<br>X/3,                           | — | EN<br>61162<br>series,<br>ETSI                |  |                    |
|   | — IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14, | — | EN<br>338-1<br>V1.3.1:2010-02,<br>ETSI        |  |                    |
|   | — IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14. | — | EN<br>300<br>338-2<br>V1.3.1:2010-02,<br>ETSI |  |                    |
|   | Carriage and<br>performance<br>requirements             | — | EN<br>301<br>033<br>V1.4.1:2013-09,<br>ETSI   |  |                    |
|   | — SOLAS<br>74<br>Reg.<br>IV/9,                          | — | EN<br>301<br>843-5<br>V1.1.1:2004-06.         |  |                    |
|   | — SOLAS<br>74<br>Reg.<br>IV/10,                         | — |   |  |                    |
|   | — SOLAS<br>74<br>Reg.<br>X/3,                           | — |   |  |                    |
|   | — IMO<br>Res.A.694(17),                                 | — |   |  |                    |
|   | — IMO<br>Res.A.804(19),                                 | — |   |  |                    |
|   | — IMO<br>Res.MSC.36(63)-                                | — |   |  |                    |

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|   |                                       |  |  |                |           |                |
|---|---------------------------------------|--|--|----------------|-----------|----------------|
|   |                                       | (1994 HSC Code) 14, IMO Res.MSC.97(73)-(2000 HSC Code) 14, IMO COMSAR/ Circ.32, ITU-R M.493-13 (10/09), ITU-R M.541-9 (05/04), ITU-R M.1173-1 (03/12). |  |                |           |                |
| MED/5.11 MF DSC watch-keeping receiver Row 2 of 5 | Type approval requirements            | —  | EN 60945 incl. IEC 60945 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.        | B+D 5E+0E2 B+F | 16.3.2017 | 1.9.2020 (III) |
|   | —                                     | 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.                                  | EN 60945 Corr. 1:2008, EN 61162 series: EN 61162-1:2011 EN 61162-2:1998 EN 61162-3:2008 EN 61162-450:2011, EN 300 338-1 V1.3.1:2010-02, ETSI |                |           |                |
|   | Carriage and performance requirements | —  | EN 300 338-1 V1.3.1:2010-02, ETSI  |                |           |                |

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|   |   |  |   |           |                    |
|---|---|--|---|-----------|--------------------|
|   | —   | SOLAS<br>74<br>Reg. —<br>IV/9,                         | 338-2<br>V1.3.1:2010-02,<br>ETSI<br>EN                              |           |                    |
|   | —   | SOLAS<br>74<br>Reg. —<br>IV/10,                        | 301<br>033<br>V1.4.1:2013-09,<br>ETSI                               |           |                    |
|   | —   | SOLAS<br>74<br>Reg. —<br>X/3,                          | EN<br>301<br>843-5<br>V2.1.1:2016-03.                               |           |                    |
|   | —   | IMO<br>Res.A.694(17),                                  |   |           |                    |
|   | —   | IMO<br>Res.A.804(19),                                  |   |           |                    |
|   | —   | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14, |   |           |                    |
|   | —   | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14, |   |           |                    |
|   | —   | IMO<br>COMSAR/<br>Circ.32,                             |   |           |                    |
|   | —   | ITU-<br>R<br>M.493-14<br>(09/15),                      |   |           |                    |
|   | —   | ITU-<br>R<br>M.541-10<br>(10/15),                      |   |           |                    |
|   | —   | ITU-<br>R<br>M.1173-1<br>(03/12).                      |   |           |                    |
| MED/5.11<br>MF DSC<br>watch-<br>keeping<br>receiver<br>Row 3 of 5 | Type<br>approval<br>requirements<br>—<br>—<br>— | —<br>SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS<br>74      | EN<br>B+D<br>60945<br>incl. B+F<br>IEC<br>60945<br>Corr.<br>1:2008, | 19.6.2018 | 29.8.2021<br>(III) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |  |   |  |  |
|---|--|---|--|--|
| — | Reg. X/3, IMO                                  | — | EN 61162 series:   |  |
| — | Res.MSC.36(63)-(1994 HSC Code) 14, IMO         | — | EN 61162-1 2016, EN 61162-2:1998, EN 61162-3:2008 +A1:2010+A2:2014, EN 61162-450:2011+A1:2016,                         |  |
| — | Res.MSC.97(73)-(2000 HSC Code) 14.             | — | ETSI EN 300 338-1 V1.4.1:2017-02, EN 300 338-2 V1.4.1:2017-02, EN 301 033 V1.4.1:2013-09, EN 301 843-5 V2.1.1:2016-03. |  |
| — | Carriage and performance requirements SOLAS 74 | — | ETSI EN 300 338-2 V1.4.1:2017-02,  |  |
| — | Reg. IV/9, SOLAS 74                            | — | ETSI EN 301 033 V1.4.1:2013-09,  |  |
| — | Reg. IV/10, SOLAS 74                           | — | ETSI EN 301 843-5 V2.1.1:2016-03.  |  |
| — | Reg. X/3, IMO                                  | — | EN 301 843-5 V2.1.1:2016-03.   |  |
| — | Res.A.694(17), IMO                             | — | EN 301 843-5 V2.1.1:2016-03.   |  |
| — | Res.A.804(19), IMO                             | — | EN 301 843-5 V2.1.1:2016-03.   |  |
| — | Res.MSC.36(63)-(1994 HSC Code) 14, IMO         | — | EN 61162-1 2016, EN 61162-2:1998, EN 61162-3:2008 +A1:2010+A2:2014, EN 61162-450:2011+A1:2016,                         |  |
| — | Res.MSC.97(73)-(2000 HSC Code) 14, IMO         | — | EN 61162-1 2016, EN 61162-2:1998, EN 61162-3:2008 +A1:2010+A2:2014, EN 61162-450:2011+A1:2016,                         |  |
| — | COMSAR/ Circ.32, ITU-R M.493-14 (09/15),       | — |  |  |



Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                                       |  |   |  |                 |
|---|---------------------------------------|--|---|--|-----------------|
|   | —                                     | ITU-R M.541-10 (10/15),                |   |  |                 |
|   | —                                     | ITU-R M.1173-1 (03/12).                |   |  |                 |
| MED/5.11 MF DSC watch-keeping receiver Row 4 of 5 | Type approval requirements            | —                                      | EN 60945-1:2002 incl. B+D B+F   |  | 12.8.2023 (III) |
|   | —                                     | SOLAS 74 Reg. IV/14,                   | IEC 60945 Corr. 1:2008,   |  |                 |
|   | —                                     | SOLAS 74 Reg. X/3,                     | EN 61162 series:  |  |                 |
|   | —                                     | IMO Res.MSC.36(63)-(1994 HSC Code) 14, | EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014 |  |                 |
|   | —                                     | IMO Res.MSC.97(73)-(2000 HSC Code) 14. | IEC 61162-450:2018,<br>ETSI EN 300 338-1 V1.4.2:2017-11,                  |  |                 |
|   | Carriage and performance requirements | —                                      | ETSI EN 300 338-2 V1.4.1:2017-02,   |  |                 |
|   | —                                     | SOLAS 74 Reg. IV/9,                    | ETSI EN 301 033 V1.4.1:2013-09,   |  |                 |
|   | —                                     | SOLAS 74 Reg. IV/10,                   | ETSI EN 301 843-5 V2.2.1:2017-11,   |  |                 |
|   | —                                     | IMO Res.A.694(17),                     | IEC 62923-1:2018,   |  |                 |
|   | —                                     | IMO Res.A.804(19),                     | IEC 62923-2:2018.   |  |                 |
|   | —                                     | Or<br>IMO Res.MSC.36(63)-              |   |  |                 |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                            |  |   |         |           |
|---|----------------------------|--|---|---------|-----------|
|   |                            | (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.493-14 (09/15), ITU-R M.541-10 (10/15), ITU-R M.1173-1 (03/12). | 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/5.11 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  | EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series: EN 61162-1:2016 EN 61162-2:1998  | B+D B+F | 12.8.2020 |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |                                  |
|---|--|---|----------------------------------|
|   | HSC Code) 14, IMO Res.MSC.97(73)-(2000   |   | EN 61162-3:2008 +A1:2010+A2:2014 |
| — | HSC Code) 14, IMO Res.MSC.97(73)-(2000   |   | EN IEC 61162-450:2018,           |
|   | HSC Code) 14, Carriage and performance requirements  | ETSI EN 300 338-1 V1.5.1:2019-09,   |                                  |
| — | 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 | 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. |                                  |
| — | HSC Code) 14, IMO Res.MSC.97(73)-(2000   | Or: IEC 60945:2002 incl. IEC 60945  |                                  |
|   | HSC Code) 14, IMO Res.MSC.302(87), IMO COMSAR/Circ.32, ITU-R M.493-15 (01/19), ITU-R                                       | Corr. 1:2008, IEC 61097-3:2017, IEC 61097-8:1998, IEC 61162 series:   |                                  |
| — | ITU-R M.493-15 (01/19), ITU-R  | IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09   |                                  |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|---|--|--|--|
|  |  | M.541-10<br>(10/15),<br>ITU-<br>R<br>M.1173-1<br>(03/12). |  | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br><br>IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018. |  |
|--|--|---|--|--|--|

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

|   |   |   |   |  |                    |
|---|---|---|---|--|--------------------|
| MED/5.13<br>Inmarsat-C<br>SES<br>Row 1 of 5 | Type<br>approval<br>requirements            | — | IMO B+D<br>MSC/B+E<br>Circ. 862,F<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series,<br>ETSI<br>ETS<br>300<br>460<br>Ed.1:1996-05,<br>ETSI<br>ETS<br>300<br>460/<br>A1:1997-11,<br>ETSI<br>EN<br>300<br>829<br>V1.1:1998-03,<br>ETSI<br>EN<br>301 |  | 21.3.2019<br>(III) |
|   | Carriage and<br>performance<br>requirements | — | IMO<br>MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14.<br><br>SOLAS<br>74<br>Reg.<br>IV/10,   |  |                    |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                                  |   |   |           |                   |
|---|----------------------------------|---|---|-----------|-------------------|
|   | —                                | SOLAS<br>74<br>Reg.<br>X/3,   | 843-1<br>V1.3.1:2012-08.<br>Or:<br>IEC<br>60945:2002  |           |                   |
|   | —                                | IMO<br>Res.A.570(14), incl.   | IEC<br>60945  |           |                   |
|   | —                                | IMO<br>Res.A.664(16),   | IEC<br>60945  |           |                   |
|   |                                  | Note for Res.<br>A.644(16):<br>applicable<br>only if the<br>Inmarsat<br>C SES<br>supports EGC<br>functions. | Corr.<br>1:2008,<br>IEC<br>61097-4:2012,<br>IEC<br>61162<br>Series.                               |           |                   |
|   | —                                | IMO<br>Res.A.694(17),   |   |           |                   |
|   | —                                | IMO<br>Res.A.807(19),   |   |           |                   |
|   | —                                | IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,  |   |           |                   |
|   | —                                | IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,  |   |           |                   |
|   | —                                | IMO<br>Res.MSC.306(87),   |   |           |                   |
|   | —                                | IMO<br>MSC/<br>Circ.862,  |   |           |                   |
|   | —                                | IMO<br>COMSAR/<br>Circ.32.  |   |           |                   |
| MED/5.13<br>Inmarsat-C<br>SES<br>Row 2 of 5 | Type<br>approval<br>requirements | —   | IMO B+D<br>MSC/B+E<br>Circ.862,F<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008, | 16.3.2017 | 1.9.2020<br>(III) |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |  |   |  |  |
|---|--|---|--|--|
| — | IMO Res.MSC.36(63)-<br>(1994 HSC Code)<br>14,  | — | EN 61162 series:                             |  |
|   |  |   |  | EN 61162-1:2011                                    |
| — | IMO Res.MSC.97(73)-<br>(2000 HSC Code)<br>14.  |   |  | EN 61162-2:1998                                    |
|   |  |   |  | EN 61162-3:2008                                    |
|   |  |   |  | EN 61162-450:2011,                                 |
|   | Carriage and performance requirements  |   | ETSI ETS 300 460 Ed.1:1996-05,               |  |
| — | SOLAS 74 Reg. IV/10,   |   | ETSI ETS 300 460/                            |  |
|   |  |   |  | A1:1997-11,  |
| — | SOLAS 74 Reg. X/3,   |   | ETSI EN 301 843-1                            |  |
|   |  |   |  | V2.1.1:2016-03.                                    |
| — | IMO Res.A.570(14),   |   | Or Res.A.664(16),                            |  |
|   | Note for Res. A.664(16): applicable only if the Inmarsat C SES supports EGC functions. |   | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, |  |
| — | IMO Res.A.694(17),   |   | IEC 61162 series:                            |  |
|   |  |   |  | IEC 61162-1 Ed.4.0:2010-11                         |
| — | IMO Res.MSC.36(63)-<br>(1994 HSC Code)<br>14,  |   |  | IEC 61162-2 Ed.1.0:1998-09                         |
|   |  |   |  | IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 |
| — | IMO Res.MSC.97(73)-<br>(2000 HSC Code)<br>14.  |   |  |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|--|---|---|-----------|-----------------|
|   | —  | IMO Res.MSC.306(87),                    | and A2  |           |                 |
|   | —  | IMO MSC/ Circ.862,                      | Ed. 1.0:2014-07   |           |                 |
|   | —  | IMO COMSAR/ Circ.32.                    | IEC 61162-450 Ed.1.0:2011-06.                               |           |                 |
| MED/5.13<br>Inmarsat-C<br>SES<br>Row 3 of 5 | Type approval requirements                                     | —                                       | IMO B+D MSC/B+E Circ.862,F                                  | 19.6.2018 | 29.8.2021 (III) |
|   | —  | SOLAS-74 Reg. IV/14,                    | EN 60945:2002 incl. IEC 60945                               |           |                 |
|   | —  | SOLAS 74 Reg. X/3,                      | Corr. 1:2008, EN 61162                                      |           |                 |
|   | —  | IMO Res.MSC.36(63) (1994 HSC Code) 14,  | series: EN 61162-1:2016 EN 61162-2:1998                     |           |                 |
|   | —  | IMO Res.MSC.97(73)- (2000 HSC Code) 14. | EN 61162-3:2008 +A1:2010+A2:2014 EN 61162-450:2011+A1:2016, |           |                 |
|   | Carriage and performance requirements                          | —                                       | ETSI ETS 300 460 Ed.1:1996-05,                              |           |                 |
|   | —  | SOLAS 74 Reg. IV/10,                    | ETSI ETS 300 460/ A1:1997-11,                               |           |                 |
|   | —  | SOLAS 74 Reg. X/3,                      | ETSI EN 301 843-1   |           |                 |
|   | —  | IMO Res.A.570(14),                      | V2.1.1:2016-03.   |           |                 |
|   | —  | IMO Res.A.664(16),                      | Or IEC 60945:2002   |           |                 |
|   | Note for Res. A.664(16): applicable only if the Inmarsat C SES | —                                       | incl. IEC 60945   |           |                 |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                            |   |  |  |  |                 |
|---|----------------------------|---|--|--|--|-----------------|
|   | supports EGC functions.    | — | IMO —  | Corr. 1:2008, IEC Res.A.694(17), 61097-4:2012,   |  |                 |
|   |                            | — | IMO —  | IEC Res.A.807(19), 61162   |  |                 |
|   |                            | — | IMO  | series:  |  |                 |
|   |                            | — | Res.MSC.36(63)-(1994 HSC Code) 14,   | IEC 61162-1:2016   |  |                 |
|   |                            | — | IMO Res.MSC.97(73)-(2000 HSC Code) 14,   | IEC 61162-2 Ed.1.0:1998-09   |  |                 |
|   |                            | — | IMO Res.MSC.306(87),   | IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11   |  |                 |
|   |                            | — | IMO MSC/ Circ.862,   | and A2 Ed. 1.0:2014-07   |  |                 |
|   |                            | — | IMO COMSAR/ Circ.32.   | IEC 61162-450 Ed.1.0:2011-06 with A1:2016.   |  |                 |
| MED/5.13<br>Inmarsat-C<br>SES<br>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 B+D MSC/B+E Circ.862,F 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 IEC 61162-450:2018, |  | 12.8.2023 (III) |
|   |                            | — | IMO Res.MSC.97(73)-(2000 HSC Code) 14.   |  |  |                 |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |     |   |  |
|--|-----|---|--|
| Carriage and performance requirements  | —   | ETSI ETS 300 460  |  |
| — 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. | —   | Ed.1:1996-05, ETSI ETS 300 460/A1:1997-11, ETSI EN 301 843-1, V2.2.1:2017-11, IEC 62923-1:2018, IEC 62923-2:2018.                         |  |
| —  | Or: | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61097-4:2012, IEC 61162 series:  |  |
| — IMO Res.A.694(17), IMO Res.A.807(19), IMO Res.MSC.36(63) (1994 HSC Code) 14,   | —   | 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, |  |
| — IMO Res.MSC.97(73)-(2000 HSC Code) 14,   | —   |   |  |
| — IMO Res. MSC.302(87), IMO Res.MSC.306(87), IMO MSC/ Circ.862, IMO COMSAR/ Circ.32.   | —   |   |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|---|---|--|--|-----------|
|  |   | — | IEC<br>62923-1:2018,<br>—<br>IEC<br>62923-2:2018.  |  |           |
| MED/5.13<br>Inmarsat-C<br>SES<br>Row 5 of 5<br>(NEW ROW) | Type<br>approval<br>requirements  | — | IMO B+D<br>MSC/B+E<br>Circ.862,F<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>Res.MSC.36(63)series:<br>(1994<br>HSC<br>Code)<br>14,<br>—<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14.   |  | 12.8.2020 |
|  | Carriage and<br>performance<br>requirements   | — | ETSI<br>ETS<br>300<br>460<br>Ed.1:1996-05,<br>—<br>ETSI<br>ETS<br>300<br>460/<br>A1:1997-11,<br>—<br>ETSI<br>EN<br>301<br>843-1<br>—<br>V2.2.1:2017-11,<br>EN<br>IEC<br>62923-1:2018,<br>—<br>EN<br>IEC<br>62923-2:2018.<br>Or:<br>—<br>IEC<br>60945:2002<br>incl.<br>—<br>IMO<br>Res.A.694(17), |  |           |
|  | Note for Res.<br>A.664(16):<br>applicable<br>only if the<br>Inmarsat<br>C SES<br>supports EGC<br>functions. | — |  |  |           |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                            |  |  |  |                 |
|---|----------------------------|--|--|--|-----------------|
|   | —                          | IMO Res.A.807(19),   | IEC 60945  |  |                 |
|   | —                          | IMO Res.MSC.36(63):2008, (1994                                     | Corr. IEC 61097-4:2012   |  |                 |
|   | —                          | HSC Code) 14,  | +A1:2016+A2:2019,  |  |                 |
|   | —                          | IMO Res.MSC.97(73) (2000   | IEC 61162 series:  |  |                 |
|   | —                          | HSC Code) 14,  | IEC 61162-1:2016   |  |                 |
|   | —                          | IMO Res. MSC.302(87),  | IEC 61162-2 Ed.1.0:1998-09   |  |                 |
|   | —                          | IMO Res.MSC.306(87),   | IEC 61162-3 Ed.1.2   |  |                 |
|   | —                          | IMO MSC/ Circ.862,   | Consol. with A1  |  |                 |
|   | —                          | IMO COMSAR/ Circ.32.   | 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 | Type approval requirements | — SOLAS 74 Reg. IV/14, SOLAS 74 Reg. X/3, IMO Res.MSC.36(63) (1994 | IMO B+D MSC/B+E Circ.862,F EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series, ETSI ETS 300 067 Ed.1:1990-11, |  | 21.3.2019 (III) |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

no longer applicable in testing standards. Row 1 of 5

|   |   |   |                                   |
|---|---|---|-----------------------------------|
| — | IMO Res.MSC.97(73) (2000 HSC Code) 14.  | — | ETSI EN 300 067/ A1 Ed.1:1993-10, |
|   | Carriage and performance requirements   | — | ETSI EN 300 338-1                 |
| — | SOLAS 74 Reg. IV/10,                    | — | V1.3.1:2010-02,                   |
|   | SOLAS 74 Reg. X/3,                      | — | ETSI EN 300 338-2                 |
| — | IMO Res.A.694(17),                      | — | V1.3.1:2010-02,                   |
|   | IMO Res.A.806(19),                      | — | ETSI EN 300 373-1                 |
| — | IMO Res.MSC.36(63) (1994 HSC Code) 14,  | — | V1.4.1:2013-09,                   |
|   | IMO Res.MSC.97(73)- (2000 HSC Code) 14, | — | ETSI EN 301 843-5                 |
| — | IMO MSC/ Circ.862,                      | — | V1.1.1:2004-06.                   |
| — | 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                                   |   |                                   |



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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|               |              |                |                 |           |           |
|---------------|--------------|----------------|-----------------|-----------|-----------|
|               | —            | IMO —          | ETSI            |           |           |
|               |              | Res.MSC.36(63) | EN              |           |           |
|               |              | (1994          | 300             |           |           |
|               |              | HSC            | 338-2           |           |           |
|               |              | Code)          | V1.3.1:2010-02, |           |           |
|               |              | 14,            | —               | ETSI      |           |
|               | —            | IMO            | EN              |           |           |
|               |              | Res.MSC.97(73) | 300             |           |           |
|               |              | (2000          | 373-1           |           |           |
|               |              | HSC            | V1.4.1:2013-09, |           |           |
|               |              | Code)—         | ETSI            |           |           |
|               |              | 14,            | EN              |           |           |
|               | —            | IMO            | 301             |           |           |
|               |              | MSC/           | 843-5           |           |           |
|               |              | Circ.862,      | V2.1.1:2016-03. |           |           |
|               | —            | 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.493-14       |                 |           |           |
|               |              | (09/15),       |                 |           |           |
|               | —            | ITU-           |                 |           |           |
|               |              | R              |                 |           |           |
|               |              | M.541-10       |                 |           |           |
|               |              | (10/15),       |                 |           |           |
|               | —            | ITU-           |                 |           |           |
|               |              | R              |                 |           |           |
|               |              | M.625-4        |                 |           |           |
|               |              | (03/12),       |                 |           |           |
|               | —            | ITU-           |                 |           |           |
|               |              | R              |                 |           |           |
|               |              | M.1173-1       |                 |           |           |
|               |              | (03/12).       |                 |           |           |
| MED/5.14      | Type         | —              | IMO B+D         | 19.6.2018 | 29.8.2021 |
| MF/HF radio   | approval     |                | MSC/B+E         |           | (III)     |
| capable of    | requirements |                | Circ.862,F      |           |           |
| transmitting  | —            | SOLAS-         | EN              |           |           |
| and receiving |              | 74             | 60945:2002      |           |           |
| DSC,          |              | Reg.           | incl.           |           |           |
|               |              | IV/14,         | IEC             |           |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |   |                                     |                                      |  |
|--|---|-------------------------------------|--------------------------------------|--|
| <p>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 5</p> | — | SOLAS 74 Reg. X/3,                  | 60945 Corr. 1:2008, EN               |  |
|  | — | IMO Res.MSC.36(63) (1994 HSC Code)  | 61162 series: EN 61162-1:2016        |  |
|  | — | IMO Res.MSC.97(73)- (2000 HSC Code) | 14, EN 61162-2:1998                  |  |
|  | — | IMO Res.MSC.97(73)- (2000 HSC Code) | 14, EN 61162-3:2008 +A1:2010+A2:2014 |  |
|  | — | ETSI ETS 300 067                    | Ed.1:1990-11,                        |  |
|  | — | SOLAS 74 Reg. IV/10,                | ETSI ETS 300 067/                    |  |
|  | — | SOLAS 74 Reg. X/3,                  | A1 Ed.1:1993-10,                     |  |
|  | — | IMO Res.A.694(17), 338-1            | ETSI EN 300 338-1                    |  |
|  | — | IMO Res.A.806(19),                  | V1.4.1:2017-02,                      |  |
|  | — | IMO Res.MSC.36(63) (1994 HSC Code)  | EN 300 338-2                         |  |
|  | — | IMO Res.MSC.97(73)- (2000 HSC Code) | 14, EN 300 373-1                     |  |
|  | — | IMO MSC/ Circ.862,                  | V1.4.1:2013-09,                      |  |
|  | — | IMO MSC.1/ Circ.1460,               | ETSI EN 301 843-5                    |  |
|  | — | IMO COMSAR/ Circ.32,                | V2.1.1:2016-03.                      |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |                                       |   |   |  |                 |
|---|---------------------------------------|---|---|--|-----------------|
|   | —                                     | ITU-R M.476-5 (10/95),                    |   |  |                 |
|   | —                                     | ITU-R M.492-6 (10/95),                    |   |  |                 |
|   | —                                     | ITU-R M.493-14 (09/15),                   |   |  |                 |
|   | —                                     | ITU-R M.541-10 (10/15),                   |   |  |                 |
|   | —                                     | ITU-R M.625-4 (03/12),                    |   |  |                 |
|   | —                                     | ITU-R M.1173-1 (03/12).                   |   |  |                 |
| 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 4 of 5 | Type approval requirements            | —   | IMO B+D MSC/B+E Circ.862,F EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61162 series: |  | 12.8.2023 (III) |
|   | —                                     | 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. —        | EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018, |                 |
|   | Carriage and performance requirements | —   | ETSI ETS 300 067 Ed.1:1990-11,  |  |                 |
|   | —                                     | SOLAS 74                                  |   |  |                 |



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**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   |                |                 |  |
|---|----------------|-----------------|--|
|   | Reg. —         | ETSI            |  |
|   | IV/10,         | ETS             |  |
| — | SOLAS          | 300             |  |
|   | 74             | 067/            |  |
|   | Reg.           | A1              |  |
|   | X/3,           | Ed.1:1993-10,   |  |
| — | IMO —          | ETSI            |  |
|   | Res.A.694(17), | EN              |  |
| — | IMO            | 300             |  |
|   | Res.A.806(19), | 338-1           |  |
| — | IMO            | V1.4.2:2017-11, |  |
|   | Res.MSC.36(63) | ETSI            |  |
|   | (1994          | EN              |  |
|   | HSC            | 300             |  |
|   | Code)          | 338-2           |  |
|   | 14,            | V1.4.1:2017-02, |  |
| — | IMO —          | ETSI            |  |
|   | Res.MSC.97(73) | EN              |  |
|   | (2000          | 300             |  |
|   | HSC            | 373-1           |  |
|   | Code)          | V1.4.1:2013-09, |  |
|   | 14,            | ETSI            |  |
| — | IMO            | EN              |  |
|   | Res.           | 301             |  |
|   | MSC.302(87),   | 843-5           |  |
| — | IMO            | V2.2.1:2017-11, |  |
|   | MSC/—          | IEC             |  |
|   | Circ.862,      | 62923-1:2018,   |  |
| — | IMO —          | IEC             |  |
|   | MSC.1/         | 62923-2:2018.   |  |
|   | Circ.1060,     |                 |  |
| — | IMO —          | IMO             |  |
|   | COMSAR/        | MSC/            |  |
|   | Circ.32,       | Circ.862,       |  |
| — | ITU- —         | IEC             |  |
|   | R              | 60945:2002      |  |
|   | M.476-5        | incl.           |  |
|   | (10/95),       | IEC             |  |
| — | ITU-           | 60945           |  |
|   | R              | Corr.           |  |
|   | M.492-6        | 1:2008,         |  |
|   | (10/95),       | IEC             |  |
| — | ITU-           | 61097-3:        |  |
|   | R              | 2017,           |  |
|   | M.493-14       | IEC             |  |
|   | (09/15),       | 61097-9:        |  |
| — | ITU-           | 1997,           |  |
|   | R —            | IEC             |  |
|   | M.541-10       | 61162           |  |
|   | (10/15)        | series:         |  |
|   |                | IEC             |  |
|   |                | 61162-1:2016    |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                                       |   |   |   |           |
|---|---------------------------------------|---|---|---|-----------|
|   | —                                     | ITU-R M.625-4 (03/12),                  |   | IEC 61162-2 Ed.1.0:1998-09  |           |
|   | —                                     | ITU-R M.1173-1 (03/12).                 |   | IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 |           |
|   | —                                     |   | IEC 62923-1:2018,                       | IEC 61162-450:2018,   |           |
|   | —                                     |   | 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 5 of 5 (NEW ROW) | Type approval requirements            | —                                       | IMO B+D MSC/B+E Circ.862,F              |   | 12.8.2020 |
|   | —                                     | SOLAS 74 Reg. IV/14,                    | EN 60945:2002 incl. IEC 60945           |   |           |
|   | —                                     | SOLAS 74 Reg. X/3,                      | Corr. 1:2008, EN 61162                  |   |           |
|   | —                                     | IMO Res.MSC.36(63) (1994 HSC Code) 14,  | series: EN 61162-1:2016 EN 61162-2:1998 |   |           |
|   | —                                     | IMO Res.MSC.97(73)- (2000 HSC Code) 14. | EN 61162-3:2008 +A1:2010+A2:2014        |   |           |
|   | Carriage and performance requirements | —                                       | ETSI ETS 300 067                        |   |           |
|   | —                                     | SOLAS 74 Reg. IV/10,                    | Ed.1:1990-11,                           |   |           |
|   | —                                     |   | ETSI ETS 300                            |   |           |

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**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   |   |   |  |
|---|---|---|--|
| — | SOLAS<br>74<br>Reg.<br>X/3,                           | 067/<br>A1<br>Ed.1:1993-10,<br>ETSI           |  |
| — | IMO<br>Res.A.694(17),<br>300                          | EN<br>338-1                                   |  |
| — | IMO<br>Res.A.806(19),<br>V1.5.1:2019-09,              | ETSI  |  |
| — | IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14, | EN<br>300<br>338-2<br>V1.4.1:2017-02,<br>ETSI |  |
| — | IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14, | EN<br>300<br>373-1<br>V1.4.1:2013-09,<br>ETSI |  |
| — | IMO<br>Res.<br>MSC.302(87),<br>V2.2.1:2017-11,        | EN<br>301<br>843-5                            |  |
| — | IMO<br>MSC/<br>Circ.862,                              | IEC<br>62923-1:2018,                          |  |
| — | IMO<br>MSC.1/<br>Circ.1460,                           | EN<br>IEC<br>62923-2:2018.                    |  |
| — | IMO Or:<br>COMSAR/<br>Circ.32,                        | IMO<br>MSC/<br>Circ.862,                      |  |
| — | ITU-<br>R<br>M.476-5<br>(10/95),                      | IEC<br>60945:2002<br>incl.                    |  |
| — | ITU-<br>R<br>M.492-6<br>(10/95),                      | IEC<br>60945<br>Corr.<br>1:2008,              |  |
| — | ITU-<br>R<br>M.493-15<br>(01/19),                     | IEC<br>61097-3:<br>2017,                      |  |
| — | ITU-<br>R<br>M.541-40<br>(10/15)                      | IEC<br>61097-9:<br>1997,<br>IEC<br>61162      |  |
| — | ITU-<br>R<br>M.625-4<br>(03/12),                      | series:<br>IEC<br>61162-1:2016                |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                                       |                           |                                 |  |                 |
|---|---------------------------------------|---------------------------|---------------------------------|--|-----------------|
|   | —                                     | ITU-R M.1173-1 (03/12).   |                                 | 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 1 of 5 | Type approval requirements            | —                         | EN 60945-1:2002 incl. B+F       | B+D B+F  | 21.3.2019 (III) |
|   | —                                     | SOLAS 74 Reg. IV/14,      | IEC 60945 Corr. 1:2008,         |  |                 |
|   | —                                     | SOLAS 74 Reg. X/3,        | EN 61162 series,                |  |                 |
|   | —                                     | IMO Res.MSC.36(63) (1994) | ETSI EN 338-1                   |  |                 |
|   | —                                     | HSC Code) 14,             | V1.3.1:2010-02, ETSI EN 301     |  |                 |
|   | —                                     | IMO Res.MSC.97(73) (2000) | 338-2 V1.3.1:2010-02,           |  |                 |
|   | —                                     | HSC Code) 14.             | ETSI EN 301                     |  |                 |
|   | Carriage and performance requirements | —                         | 033 V1.4.1:2013-09, ETSI EN 301 |  |                 |
|   | —                                     | SOLAS 74 Reg. IV/10       | 843-5 V1.1.1:2004-06.           |  |                 |
|   |                                       | Or:                       |                                 |  |                 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |  |   |            |           |                   |
|---|---|--|---|------------|-----------|-------------------|
|   | —   | SOLAS-<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.A.694(17), Corr.<br>IMO<br>Res.A.806(19), IEC<br>IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>IMO<br>COMSAR/<br>Circ.32,<br>ITU-<br>R<br>M.493-13<br>(10/09),<br>ITU-<br>R<br>M.541-9<br>(05/04). | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>1:2008,<br>IEC<br>61097-3:1994,<br>IEC<br>61097-8:1998,<br>IEC<br>61162<br>Series.  |            |           |                   |
| MED/5.15<br>MF/HF DSC<br>scanning<br>watch<br>keeping<br>receiver<br>Row 2 of 5 | Type<br>approval<br>requirements<br>—<br>—<br>—<br>—<br>—<br>—<br>—<br>—<br>— | —<br>SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC   | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2011<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>EN<br>61162-450:2011,<br>EN<br>300 | B+D<br>B+F | 16.3.2017 | 1.9.2020<br>(III) |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |       |   |  |
|---|-------|---|--|
|   | Code) | 338-1   |  |
|   | 14.   | V1.3.1:2010-02,   |  |
| Carriage and performance requirements     | —     | ETSI EN 300 338-2   |  |
| — SOLAS 74 Reg. IV/10,                    | —     | V1.3.1:2010-02, ETSI EN 301 033   |  |
| — SOLAS 74 Reg. X/3,                      | —     | V1.4.1:2013-09, ETSI EN 301 843-5   |  |
| — IMO Res.A.694(17),                      | —     | V2.1.1:2016-03.   |  |
| — IMO Res.A.806(19),                      | —     | Or: IEC 60945:2002  |  |
| — IMO Res.MSC.36(63) (1994) HSC Code) 14, | —     | incl. IEC 60945 Corr. 1:2008,   |  |
| — IMO Res.MSC.97(73) (2000) HSC Code) 14, | —     | IEC 61097-3:1994, IEC 61097-8:1998,   |  |
| — IMO COMSAR/ Circ.32,                    | —     | IEC 61162 series:   |  |
| — ITU-R M.493-14 (09/15),                 | —     | IEC 61162-1 Ed.4.0:2010-11  |  |
| — ITU-R M.541-10 (10/15),                 | —     | IEC 61162-2 Ed.1.0:1998-09  |  |
| — ITU-R M.1173-1 (03/12).                 | —     | IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450 Ed.1.0:2011-06. |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|   |   |   |  |   |           |                    |
|---|---|---|--|---|-----------|--------------------|
| MED/5.15<br>MF/HF DSC<br>scanning<br>watch<br>keeping<br>receiver<br>Row 3 of 5 | Type<br>approval<br>requirements            | —   | EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>EN<br>61162<br>series:<br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>61162-450:2011+A1:2016,   | B+D<br>B+F  | 19.6.2018 | 29.8.2021<br>(III) |
|   | —   | SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14. | —  | ETSI<br>EN<br>300<br>338-1<br>V1.4.1:2017-02,<br>ETSI<br>EN<br>300<br>338-2<br>V1.4.1:2017-02,<br>ETSI<br>EN<br>301<br>033<br>V1.4.1:2013-09,<br>ETSI<br>EN<br>301<br>843-5<br>V2.1.1:2016-03.<br>Or:<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-3:1994,<br>IEC<br>61097-8:1998, |           |                    |
|   | Carriage and<br>performance<br>requirements | —   | ETSI<br>EN<br>300<br>338-2<br>V1.4.1:2017-02,<br>ETSI<br>EN<br>301<br>033<br>V1.4.1:2013-09,<br>ETSI<br>EN<br>301<br>843-5<br>V2.1.1:2016-03.<br>Or:<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-3:1994,<br>IEC<br>61097-8:1998, |   |           |                    |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |   |   |   |                  |                            |
|--|---|---|---|------------------|----------------------------|
|  | <p>— IMO —<br/>COMSAR/<br/>Circ.32,<br/>— ITU-<br/>R<br/>M.493-14<br/>(09/15),<br/>— ITU-<br/>R<br/>M.541-10<br/>(10/15),<br/>— ITU-<br/>R<br/>M.1173-1<br/>(03/12).</p>  | <p>IEC<br/>61162<br/>series:</p>  | <p>IEC<br/>61162-1:2016<br/>IEC<br/>61162-2<br/>Ed.1.0:1998-09<br/>IEC<br/>61162-3<br/>Ed.1.2<br/>Consol.<br/>with<br/>A1<br/>Ed.<br/>1.0:2010-11<br/>and<br/>A2<br/>Ed.<br/>1.0:2014-07<br/>IEC<br/>61162-450<br/>Ed.1.0:2011-06<br/>with<br/>A1:2016.</p> |                  |                            |
| <p>MED/5.15<br/>MF/HF DSC<br/>scanning<br/>watch<br/>keeping<br/>receiver<br/>Row 4 of 5</p> | <p>Type<br/>approval<br/>requirements<br/>— SOLAS<br/>74<br/>Reg.<br/>IV/14,<br/>— SOLAS-<br/>74<br/>Reg.<br/>X/3,<br/>— IMO<br/>Res.MSC.36(63)-<br/>(1994<br/>HSC<br/>Code)<br/>14,<br/>— IMO<br/>Res.MSC.97(73)-<br/>(2000<br/>HSC<br/>Code)<br/>14.<br/><br/>Carriage and<br/>performance<br/>requirements</p> | <p>EN B+D<br/>60945<br/>incl. B+F<br/>IEC<br/>60945<br/>Corr.<br/>1:2008,<br/>EN<br/>61162<br/>series:<br/>EN<br/>61162-1:2016<br/>EN<br/>61162-2:1998<br/>EN<br/>61162-3:2008<br/>+A1:2010+A2:2014<br/>IEC<br/>61162-450:2018,<br/>— ETSI<br/>EN<br/>300<br/>338-1<br/>V1.4.2:2017-11,<br/>— ETSI<br/>EN<br/>300</p> | <p>B+D<br/>B+F</p>  | <p>13.9.2019</p> | <p>12.8.2023<br/>(III)</p> |



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**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|---|---|--|--|
| — | SOLAS<br>74<br>Reg. —<br>IV/10,                                 | 338-2<br>V1.4.1:2017-02,<br>ETSI<br>EN   |  |
| — | SOLAS<br>74<br>Reg. —<br>X/3,                                   | 301<br>033<br>V1.4.1:2013-09,<br>ETSI  |  |
| — | IMO<br>Res.A.694(17),   | EN<br>301  |  |
| — | IMO<br>Res.A.806(19),   | 843-5<br>V2.2.1:2017-11,   |  |
| — | IMO —<br>Res.MSC.36(63)<br>(1994 —<br>HSC<br>Code) Or:<br>14, — | IEC<br>62923-1:2018,<br>IEC<br>62923-2:2018.   |  |
| — | IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14, —         | IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,   |  |
| — | IMO —<br>Res.<br>MSC.302(87),                                   | IEC<br>61097-3:<br>2017,   |  |
| — | IMO —<br>COMSAR/<br>Circ.32,                                    | IEC<br>61097-8:1998,   |  |
| — | ITU-<br>R<br>M.493-14<br>(09/15),                               | 61097-9:<br>1997,<br>IEC<br>61162  |  |
| — | ITU-<br>R<br>M.541-10<br>(10/15),                               | series:<br>IEC<br>61162-1:2016<br>IEC<br>61162-2   |  |
| — | ITU-<br>R<br>M.1173-1<br>(03/12).                               | Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07 |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|--|--|---|---|---|-----------|
|  |  |   |   | IEC<br>61162-450:2018,  |           |
|  |  | — | IEC<br>62923-1:2018,  |   |           |
|  |  | — | IEC<br>62923-2:2018.  |   |           |
| MED/5.15<br>MF/HF DSC<br>scanning<br>watch<br>keeping<br>receiver<br>Row 5 of 5<br>(NEW ROW) | Type<br>approval<br>requirements                         | — | EN<br>60945:2002<br>incl. B+F   | B+D<br>B+F  | 12.8.2020 |
|  | — SOLAS<br>74<br>Reg.<br>IV/14,                          | — | IEC<br>60945<br>Corr.<br>1:2008,  |   |           |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | EN<br>61162<br>series:  |   |           |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14, | — | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+ | EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+ | A2:2014   |
|  | — IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14. | — | EN<br>61162-450:2018,   | EN<br>61162-450:2018,   |           |
|  | Carriage and<br>performance<br>requirements              | — | ETSI<br>EN<br>300<br>338-1<br>V1.5.1:2019-09,                               |   |           |
|  | — SOLAS<br>74<br>Reg.<br>IV/10,                          | — | ETSI<br>EN<br>300<br>338-2<br>V1.4.1:2017-02,                               |   |           |
|  | — SOLAS<br>74<br>Reg.<br>X/3,                            | — | ETSI<br>EN<br>301<br>033<br>V1.4.1:2013-09,                                 |   |           |
|  | — IMO<br>Res.A.694(17),                                  | — | ETSI<br>EN<br>301<br>843-5<br>V2.2.1:2017-11,                               |   |           |
|  | — IMO<br>Res.A.806(19),                                  | — | EN<br>843-5<br>V2.2.1:2017-11,  |   |           |
|  | — IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14, | — | EN<br>IEC<br>62923-1:2018,  |   |           |
|  | — IMO<br>Res.MSC.97(73)-                                 | — | EN<br>IEC<br>62923-2:2018.  |   |           |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|--|---|---|-----------|
|  |  | (2000 Or:<br>HSC — IEC<br>Code) 60945:2002<br>14, incl.<br>— IMO IEC<br>Res. 60945<br>MSC.302(87), Corr.<br>— IMO 1:2008,<br>COMSAR/ IEC<br>Circ.32, 61097-3:<br>— ITU- 2017,<br>R — IEC<br>M.493-15 61097-8:1998,<br>(01/19), IEC<br>— ITU- 61097-9:<br>R 1997,<br>M.541-40 IEC<br>(10/15), 61162<br>— ITU- series:<br>R IEC<br>M.1173-1 61162-1:2016<br>(03/12). IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>— IEC<br>— 62923-1:2018,<br>IEC<br>62923-2:2018. |   |           |
| MED/5.16<br>Aeronautical<br>two-way<br>VHF radio<br>telephone<br>apparatus<br>Ex.<br>MED/9/5.8<br>Row 1 of 1 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg. —<br>IV/14,<br>— SOLAS<br>74 | —   | ETSI B+D<br>EN B+E<br>301 B+F<br>688<br>V1.2.1:2016-03,<br>EN<br>60945:2002<br>incl.<br>IEC | 12.8.2020 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|--|--|--|------------|-----------------|
| New item inserted by Implementing Regulation (EU) 2020/1170 | —  | Reg. X/3, IMO Or: Res.MSC.36(63) (1994 HSC Code) 14,   | 60945<br>Corr.1:2008.<br>EN<br>301<br>688<br>V1.2.1:2016-03,<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.1:2008. |            |                 |
|   | —  | Carriage and performance requirements<br>SOLAS 74/2009<br>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), COMSAR/ Circ.32, ICAO Convention, Annex 10, Radio Regulations. |  |            |                 |
| MED/5.17 Portable survival craft two-way VHF                | Type approval requirements<br>— SOLAS 74 | —  | EN<br>60945<br>incl.<br>IEC<br>60945   | B+D<br>B+F | 7.12.2018 (III) |

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|                                       |                 |                 |  |
|---------------------------------------|-----------------|-----------------|--|
| radiotelephone apparatus              | Reg. IV/14,     | Corr. 1:2008,   |  |
| Row 1 of 4                            | SOLAS-74        | ETSI EN 300 225 |  |
|                                       | Reg. X/3,       |                 |  |
|                                       | IMO             | V1.4.1:2004-12, |  |
|                                       | Res.MSC.36(63)- | ETSI            |  |
|                                       | (1994           | EN              |  |
|                                       | HSC             | 301             |  |
|                                       | Code)           | 843-2           |  |
|                                       | 14,             | V1.2.1:2004-06. |  |
|                                       | IMO Or:         |                 |  |
|                                       | Res.MSC.97(73)- | IEC             |  |
|                                       | (2000           | 60945:2002      |  |
|                                       | HSC             | incl.           |  |
|                                       | Code)           | IEC             |  |
|                                       | 14.             | 60945           |  |
|                                       |                 | Corr.           |  |
| Carriage and performance requirements | —               | 1:2008,         |  |
|                                       | SOLAS           | IEC             |  |
|                                       | 74              | 61097-12:1996.  |  |
|                                       | 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             |                 |  |

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*Status:* Point in time view as at 16/07/2020.

*Changes to legislation:* There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|  | Code)<br>14,<br>IMO<br>Res.MSC.149(77),<br>ITU-<br>R<br>M.489-2<br>(10/95).  | — | EN  | B+D        |           |                   |
| MED/5.17<br>Portable<br>survival<br>craft two-<br>way VHF<br>radiotelephone<br>apparatus<br>Row 2 of 4 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>14,<br>— IMO Or:<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14.<br><br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/6,<br>— IMO<br>Res.A.694(17),<br>— IMO<br>Res.A.809(19),<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC<br>Code)<br>8,<br>— IMO<br>Res.MSC.36(63)-<br>(1994<br>HSC | — | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ETSI<br>EN<br>300<br>225<br>V1.5.1:2015-12,<br>ETSI<br>EN<br>301<br>843-2<br>V2.1.0:2015-12.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-12:1996. | B+D<br>B+F | 16.3.2017 | 1.3.2019<br>(III) |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|--|--|--|---|-------------------|-----------|--------------------|
|  |  | Code)<br>14,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>8,<br>IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>IMO<br>Res.MSC.149(77),<br>ITU-<br>R<br>M.489-2<br>(10/95). |   |                   |           |                    |
| MED/5.17<br>Portable<br>survival<br>craft two-<br>way VHF<br>radiotelephone<br>apparatus<br>Row 3 of 4 | Type<br>approval<br>requirements<br>— SOLAS<br>74<br>Reg.<br>IV/14,<br>SOLAS-<br>74<br>Reg.<br>X/3,<br>IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>IMO Or:<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14.<br>Carriage and<br>performance<br>requirements<br>— SOLAS<br>74<br>Reg.<br>III/6,<br>IMO<br>Res.A.694(17), | —  | EN<br>60945<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>ETSI<br>EN<br>300<br>225<br>V1.5.1:2015-12,<br>ETSI<br>EN<br>301<br>843-2<br>V2.1.1:2016-03.<br>IEC<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-12:1996<br>+A1:2017. | B+D<br>B+D<br>B+F | 19.6.2018 | 1.11.2020<br>(III) |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                            |  |                                   |         |           |
|--|----------------------------|--|-----------------------------------|---------|-----------|
|  | —                          | 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, |                                   |         |           |
|  | —                          | IMO Res.MSC.149(77),                   |                                   |         |           |
|  | —                          | ITU-R M.489-2 (10/95).                 |                                   |         |           |
| MED/5.17<br>Portable survival craft two-way VHF radiotelephone apparatus<br>Row 4 of 4 | Type approval requirements | —                                      | EN 60945-1:2002 incl. IEC 60945   | B+D B+F | 13.9.2017 |
|  | —                          | SOLAS 74 Reg. IV/14,                   | IEC 60945 Corr. 1:2008,           |         |           |
|  | —                          | SOLAS 74 Reg. X/3,                     | ETSI EN 300 225                   |         |           |
|  | —                          | IMO Res.MSC.36(63)-(1994 HSC Code) 14, | V1.5.1:2015-12, ETSI EN 301 843-2 |         |           |
|  | —                          | IMO Or: Res.MSC.97(73)-(2000           | IEC 60945:2002                    |         |           |



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|--|---|---|---------------------------------|--|-----------------|
|  | HSC Code) 14.                             |   | incl. IEC 60945                 |  |                 |
|  | Carriage and performance requirements     | — | Corr. 1:2008, IEC 61097-12:1996 |  |                 |
|  | — SOLAS 74 Reg. III/6, IMO Res.A.694(17), |   | +A1:2017.                       |  |                 |
|  | — 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,                             |   |                                 |  |                 |
|  | — IMO Res.MSC.149(77),                    |   |                                 |  |                 |
|  | — ITU-R M.489-2 (10/95).                  |   |                                 |  |                 |
| MED/5.18 Fixed survival craft two-way VHF radiotelephone apparatus<br>Row 1 of 2 | Type approval requirements                | — | EN 60945-1:2002 incl. B+F       |  | 7.12.2018 (III) |
|  | — SOLAS 74 Reg. IV/14,                    |   | IEC 60945 Corr. 1:2008,         |  |                 |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

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|---|---------------------|-----------------|--|
| — | SOLAS               | ETSI            |  |
|   | 74                  | EN              |  |
|   | Reg.                | 301             |  |
|   | X/3,                | 466             |  |
| — | IMO                 | V1.1.1:2000-10. |  |
|   | Res.MSC.36(63)-     |                 |  |
|   | (1994               | IEC             |  |
|   | HSC                 | 60945:2002      |  |
|   | Code)               | incl.           |  |
|   | 14,                 | IEC             |  |
| — | IMO                 | 60945           |  |
|   | Res.MSC.97(73)Corr. |                 |  |
|   | (2000               | 1:2008,         |  |
|   | HSC                 | IEC             |  |
|   | Code)               | 61097-12:       |  |
|   | 14.                 | 1996.           |  |
|   | 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.                 |                 |  |

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|   | —                                     | ITU-R M.489-2 (10/95).                 |  |         |           |
| MED/5.18<br>Fixed survival craft two-way VHF radiotelephone apparatus<br>Row 2 of 2 | Type approval requirements            | —                                      | EN 60945:2002 incl. IEC 60945                  | B+D B+F | 19.6.2018 |
|   | —                                     | SOLAS 74 Reg. IV/14,                   | IEC 60945 Corr. 1:2008,                        |         |           |
|   | —                                     | SOLAS 74 Reg. X/3,                     | ETSI EN 301 466                                |         |           |
|   | —                                     | IMO Res.MSC.36(63)-(1994 HSC Code) 14, | V1.2.1:2015-12. IEC 60945:2002 incl. IEC 60945 |         |           |
|   | —                                     | IMO Res.MSC.97(73)(2000 HSC Code) 14.  | Corr. 1:2008, IEC 61097-12:1996 + A1:2017.     |         |           |
|   | 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)-                    |  |         |           |

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|--|---------------------------------------|--|--|-----------|---------------|
|  |                                       | (2000 HSC Code) 8, IMO Res.MSC.97(73)-   |  |           |               |
|  |                                       | (2000 HSC Code) 14, ITU-R M.489-2 (10/95).   |  |           |               |
| MED/5.19<br>Inmarsat-F77<br>Row 1 of 2 | Type approval requirements            | —  | IMO B+D MSC/B+E Circ.862,F EN 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61097-13:2003, EN 61162 series:   | 19.6.2018 | 29.8.2021 (I) |
|  | —                                     | 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 | Or: —  | IMO MSC/ Circ.862, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61097-13:2003, EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN 61162-450:2011+A1:2016. |           |               |
|  | —                                     | SOLAS 74 Reg. IV/10, IMO Res.A.570(14), IMO Res.A.694(17), IMO Res.A.808(19), IMO Res.MSC.36(63)-                      |  |           |               |

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |   |  |  |           |  |
|--|---|--|--|-----------|--|
|  |   | (1994 —<br>HSC<br>Code)<br>14,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14,<br>— IMO<br>MSC/<br>Circ.862,<br>— IMO<br>COMSAR/<br>Circ.32. | IEC<br>61162<br>series:<br><br>IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450<br>Ed.1.0:2011-06<br>with<br>A1:2016.                     |           |  |
| MED/5.19<br>Inmarsat-F77<br>Row 2 of 2 | Type<br>approval<br>requirements<br>— SOLAS-<br>74<br>Reg.<br>IV/14,<br>— SOLAS<br>74<br>Reg.<br>X/3,<br>— IMO<br>Res.MSC.36(63)<br>(1994 —<br>HSC<br>Code)<br>14,<br>— IMO<br>Res.MSC.97(73)-<br>(2000<br>HSC<br>Code)<br>14.<br><br>Carriage and<br>performance<br>requirements | —<br><br>—<br><br>—<br><br>—<br><br>—<br><br>—<br><br>—  | IMO B+D<br>MSC/B+E<br>Circ.862,F<br>EN<br>60945:2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>IEC<br>61097-13:<br>2003,<br>EN<br>61162<br>series:<br><br>EN<br>61162-1:2016<br>EN<br>61162-2:1998<br>EN<br>61162-3:2008<br>+A1:2010+A2:2014<br>EN<br>IEC<br>61162-450:2018, | 13.9.2019 |  |

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |                                       |  |   |                                    |  |
|--|---------------------------------------|--|---|------------------------------------|--|
|  | —                                     | SOLAS-<br>74<br>Reg.<br>IV/10,<br>—                        | EN<br>IEC<br>62923-1:2018,<br>EN<br>IEC<br>62923-2:2018.  |                                    |  |
|  | —                                     | IMO<br>Res.A.570(14),<br>—                                 | IMO Or:<br>Res.A.694(17),<br>—  | IMO<br>MSC/<br>Res.A.808(19),<br>— |  |
|  | —                                     | IMO<br>Res.MSC.36(63)<br>(1994<br>HSC<br>Code)<br>14,<br>— | IEC<br>60945<br>2002<br>incl.<br>IEC<br>60945<br>Corr.<br>1:2008,<br>—  |                                    |  |
|  | —                                     | IMO<br>Res.MSC.97(73)<br>(2000<br>HSC<br>Code)<br>14,<br>— | IEC<br>61097-13:<br>2003,<br>IEC<br>61162<br>series:<br>—   |                                    |  |
|  | —                                     | Res.<br>MSC.302(87),<br>—                                  | IEC<br>61162-1:2016<br>IEC<br>61162-2<br>Ed.1.0:1998-09<br>—  |                                    |  |
|  | —                                     | IMO<br>MSC/<br>Circ.862,<br>—                              | IEC<br>61162-3<br>Ed.1.2<br>Consol.<br>with<br>A1<br>Ed.<br>1.0:2010-11<br>and<br>A2<br>Ed.<br>1.0:2014-07<br>IEC<br>61162-450:2018,<br>— |                                    |  |
|  | —                                     | COMSAR/<br>Circ.32.<br>—                                   | IEC<br>62923-1:2018,<br>—   |                                    |  |
|  | —                                     | IEC<br>62923-2:2018.<br>—                                  |   |                                    |  |
| MED/5.20<br>Fire-fighter's<br>two-way<br>radiotelephone<br>apparatus | Type<br>approval<br>requirements<br>— | SOLAS<br>74<br>—   | EN<br>60945<br>incl.<br>IEC<br>60945<br>—   | B+D<br>B+F<br>—                    |  |

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**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   |   |  |  |  |
|---|---|--|--|--|
| New item inserted by Implementing Regulation 2019/1397 Row 1 of 1 | — | Reg. II-2/2. SOLAS 74 Reg. II-2/10.            | Corr. 1:2008, ETSI EN 301 843-1  |  |
|   |   | Carriage and performance requirements          | V2.2.1:2017-11, ETSI EN 301 843-2                                      |  |
|   | — | SOLAS 74/2014 Reg. II-2/10.                    | V2.2.1:2017-11, ATEX Directive 2014/34/EU.                             |  |
|   | — | IMO Res.A.694(17), MSC.1Circ 1616, (a)         | UHF portable radios: ETSI EN 300 720                                   |  |
|   | — | ITU-R M.489-2 (10/95), ITU-R M.1174-3 (03/15). | V2.1.1:2017-01, VHF portable radios: ETSI EN 301 178 V.2.2.2 :2017-04. |  |
|   |   | (b)  |  |  |
|   |   | Or:  | IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,                           |  |
|   | — |  | ETSI EN 301 843-1  |  |
|   |   |  | V2.2.1:2017-11, ETSI EN 301 843-2                                      |  |
|   | — |  | V2.2.1:2017-11, ETSI EN 301 843-2                                      |  |
|   |   |  | V2.2.1:2017-11, ETSI EN 301 843-2                                      |  |
|   |   |  | V2.2.1:2017-11, ETSI EN 301 843-2                                      |  |
|   |   |  | V2.2.1:2017-11, ETSI EN 301 843-2                                      |  |
|   |   |  | V2.2.1:2017-11, ETSI EN 301 843-2                                      |  |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |                                       |     |  |  |  |
|--|---------------------------------------|-----|--|--|--|
|  |                                       | —   | 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.                |  |  |
| MED/5.21 Integrated communication system (ICS) New item inserted by Implementing Regulation 2019/1397 Row 1 of 1 | Type approval requirements            | —   | IMO B+D MSC/B+E Circ. 862, F                     |  |  |
|  | — SOLAS 74 Reg. IV/14,                | —   | EN 60945:2002 incl. IEC 60945                    |  |  |
|  | — SOLAS 74 Reg. X/3.                  | —   | Corr. 1:2008, EN 61162 series:                   |  |  |
|  | Carriage and performance requirements | —   | EN 61162-1:2016                                  |  |  |
|  | — SOLAS 74 Reg. IV/14,                | —   | EN 61162-2:1998                                  |  |  |
|  | — SOLAS 74 Reg. X/3,                  | —   | EN 61162-3:2008 +A1:2010+A2:2014                 |  |  |
|  | — IMO Res.A694(17),                   | —   | EN 61162-450:2018,                               |  |  |
|  | — IMO Res. A.811(19),                 | —   | EN 62940:2017,                                   |  |  |
|  | — IMO Res.MSC.36(63) (1994 HSC        | —   | EN 61924-2:2013 incl. IEC 61924-2: Corr. 1:2013, |  |  |



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**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

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|   |                 |                 |  |
|---|-----------------|-----------------|--|
|   | Code)           | EN              |  |
|   | 14,             | 62288:2014,     |  |
| — | IMO             | EN              |  |
|   | Res.MSC.97(73)  | IEC             |  |
|   | (2000           | 62923-1:2018,   |  |
|   | HSC             | EN              |  |
|   | Code)           | IEC             |  |
|   | 14,             | 62923-2:2018.   |  |
| — | IMO Or:         |                 |  |
|   | Res.MSC.191(79) | IMO             |  |
| — | IMO             | MSC/            |  |
|   | Res.MSC.302(87) | rc.862,         |  |
| — | IMO             | EN              |  |
|   | MSC.1/          | 60945:2002      |  |
|   | Circ.1389,      | incl.           |  |
| — | IMO             | IEC             |  |
|   | COMSAR/         | 60945           |  |
|   | Circ.32.        | Corr.           |  |
| — | For             | 1:2008,         |  |
|   | GMDSS           | IEC             |  |
|   | functions       | 61162           |  |
|   | and             | series:         |  |
|   | units           | IEC             |  |
|   | included        | 61162-1:2016    |  |
|   | in              | IEC             |  |
|   | the             | 61162-2         |  |
|   | ICS,            | Ed.1.0:1998-09  |  |
|   | the             | IEC             |  |
|   | performance     | 61162-3         |  |
|   | requirements    | Ed.1.2          |  |
|   | for             | Consol.         |  |
|   | those           | with            |  |
|   | functions       | A1              |  |
|   | and             | Ed.             |  |
|   | units           | 1.0:2010-11     |  |
|   | apply.          | and             |  |
|   |                 | A2              |  |
|   |                 | Ed.             |  |
|   |                 | 1.0:2014-07     |  |
|   |                 | IEC             |  |
|   |                 | 61162-450:2018, |  |
| — |                 | IEC             |  |
|   |                 | 62940:2016,     |  |
| — |                 | IEC             |  |
|   |                 | 61924-2:2012    |  |
|   |                 | incl.           |  |
|   |                 | IEC             |  |
|   |                 | 61924-2         |  |
|   |                 | Corr.           |  |
|   |                 | 1:2013,         |  |
| — |                 | IEC             |  |
|   |                 | 62288:2014,     |  |

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|   |  |  |  |  |  |
|---|--|--|--|--|--|
|   |  | —  | 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.  |  |  |
| MED/5.22<br>Ship Earth station for use in the GMDSS<br>New item inserted by Implementing Regulation (EU) 2020/1170<br>Ex MED/9/5.9.<br>Row 1 of 1 | Type approval requirements<br>— SOLAS 74 Reg. IV/14,<br>— SOLAS 74 Reg. X/3.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. IV/10,<br>— IMO Res.A694(17),<br>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,<br>— IMO Res.MSC.97(73) (2000 HSC | —<br>—<br>—<br>—<br>—<br>—<br>—<br>—<br>—<br>— | IMO B+D<br>MSC/B+E<br>Circ.862,F<br>EN 60945:2002 incl. IEC 60945 Corr. 1:2008,<br>EN 61162 series:<br>EN 61162-1:2016<br>EN 61162-2:1998<br>EN 61162-3:2008<br>+A1:2010+A2:2014<br>EN IEC 61162-450:2018,<br>EN IEC 62923-1:2018,<br>EN IEC 62923-2:2018, |  |  |

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**Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|   |                  |                 |  |
|---|------------------|-----------------|--|
|   | Code)            | ETSI            |  |
|   | 14,              | EN              |  |
| — | IMO              | 301             |  |
|   | Res.MSC.302(874) | 41              |  |
| — | IMO              | V2.1.1:2016,    |  |
|   | Res.MSC.434(98)  | EC              |  |
| — | IMO              | 61097-16:2019.  |  |
|   | MSC/Or:          |                 |  |
|   | Circ.862,        | IMO             |  |
| — | IMO              | MSC/            |  |
|   | COMSAR/          | Circ.862,       |  |
|   | Circ.32-         | EN              |  |
|   |                  | 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,    |                 |  |

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

|  |  |  |  |  |
|--|--|--|--|--|
|  |  | for Inmarsat equipment:<br>— ETSI<br>ETS<br>300<br>460:1996<br>+<br>A1:1997. |  |  |
|--|--|--|--|--|

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<br>Navigation lights<br>Row 1 of 1 | Type approval requirements<br>— COLREG 72 Annex I/14.<br><br>Carriage and performance requirements<br>— 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.<br><br>Or:<br>— EN 14744:2005 incl. AC:2006, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008. | B+D<br>B+F                        |                             |                       |

7. Other safety equipment

Status: Point in time view as at 16/07/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)

| 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 |
|---|--|---|-----------------------------------|-----------------------------|-----------------------|
| <p>MED/7.1<br/>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 3.7)<br/>Row 1 of 1</p> | <p>Type approval requirements<br/>— SOLAS 74 Reg. II-2/10<br/>— SOLAS 74 Reg. II-2/13<br/>— IMO Res. MSC.98(73) (FSS Code) 3,<br/>— IMO Res. MSC.4(48) (IBC Code) 14,<br/>— IMO Res. MSC.5(48) (IGC Code) 14,<br/>— IMO MSC.1/Circ.1499.</p> | <p>— ISO 23269<br/>Note:<br/>Associated fireproof lifeline (MED 3.44): The lifeline shall be used in conjunction 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. Air breathing apparatus module B shall indicate the MED fireproof lifeline as mandatory.</p> | <p>B+D<br/>B+E<br/>B+F<br/>G</p>  | <p>19.6.2018</p>            |                       |

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*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|  |  |                     |  |  |  |
|--|--|---------------------|--|--|--|
|  |  | combined component. |  |  |  |
|--|--|---------------------|--|--|--|

## 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<br>Water level detectors<br>Row 1 of 3 | Type approval requirements<br>— SOLAS 74 Reg. II-1/22-1,<br>— SOLAS 74 Reg. II-1/25,<br>— SOLAS 74 Reg. XII/12.<br>Carriage and performance requirements<br>— SOLAS 74 Reg. II-1/25,<br>— SOLAS 74 Reg. XII/12.<br>— IMO Res.A.1021(26),<br>— IMO Res.MSC.188(79),<br>— IMO MSC.1/Circ.1464 Rev.1. | —                 | IEC 60092-504:2001 incl. B+F<br>IEC 60092-504 Corr.1:2011,<br>IEC 60529 Ed. 2.2:2013,<br>IMO Res.MSC.188(79),<br>IMO MSC.1/Circ.1291. |                             | 22.11.2019 (III)      |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|                                       |  |  |  |
|---------------------------------------|--|--|--|
| 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.                |  |  |  |

## 9. Equipment for which the set of standards for MED certification is not complete

*Note applicable to section 9:*

A set of standards for MED certification is deemed to be complete where:

IMO Provisions for:

- type approval,
- carriage requirements, and
- testing standards

are available and appropriate.

### 1. *Life-saving appliances*

| No        | Item designation   |
|-----------|--|
| MED/9/1.1 | Radar reflector for liferafts  |
| MED/9/1.2 | Immersion suit materials   |
| MED/9/1.3 | Float-free launching appliances for survival craft   |
| MED/9/1.5 | Public address & general emergency alarm system (when used as fire alarm device item A.1/3.53 shall apply) |

### 2. *Marine pollution prevention*

| No        | Item designation  |
|-----------|---|
| MED/9/2.3 | Equipment using other equivalent methods to reduce on board NO <sub>x</sub> emissions |



*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

|           |  |
|-----------|--|
| MED/9/2.4 | Equipment using other technological methods to limit SO <sub>x</sub> emissions   |
| MED/9/2.5 | On board NO <sub>x</sub> analysers using a measurement method other than the Direct Measurement and Monitoring Method of the NO <sub>x</sub> Technical Code 2008 |

### 3. *Fire protection equipment*

| No         | Item designation   |
|------------|--|
| MED/9/3.8  | Electric safety lamp   |
| MED/9/3.9  | Protective clothing resistant to chemical attack                                 |
| MED/9/3.13 | Compressed airline breathing apparatus (High Speed Craft)                        |
| MED/9/3.21 | Paint lockers and flammable liquid lockers fire extinguishing systems components |
| MED/9/3.24 | Portable Foam Applicator Units   |
| MED/9/3.26 | Gaseous Fuel Systems Used for Domestic Purposes (components)                     |
| MED/9/3.27 | Fixed Gas Fire Extinguishing Systems (CO <sub>2</sub> ) components.              |
| MED/9/3.31 | Water Spraying Hand Operated System  |
| MED/9/3.33 | Fire hoses with diameter > 52 mm   |

### 4. *Navigation equipment*

| No         | Item designation   |
|------------|--|
| MED/9/4.11 | Combined GPS/GLONASS equipment   |
| MED/9/4.20 | Track control system for - high-speed craft                            |
| MED/9/4.33 | Track control system (working at ship's speed from 30 knots and above) |
| MED/9/4.37 | Electronic Inclinator  |

### 5. *Radiocommunication equipment*

| No        | Item designation   |
|-----------|--|
| MED/9/5.8 | Aeronautical two-way VHF radio telephone apparatus - Moved to MED/5.16 |

### 6. *Equipment required under COLREG 72*

*Status: Point in time view as at 16/07/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170. (See end of Document for details)*

| <b>No</b> | <b>Item designation</b>  |
|-----------|--|
| MED/9/6.2 | Sound signal appliances  |
| MED/9/6.4 | Two-way voice and data communication with a Telemedical Assistance Service (TMAS)          |
| MED/9/6.5 | Sound signalling system mounted to face astern to indicate escort and emergency manoeuvres |

7. *Other safety equipment*

| <b>No</b> | <b>Item designation</b>                |
|-----------|--|
| MED/9/7.1 | Loading instrument                     |
| MED/9/7.2 | Water level detectors on bulk carriers |

8. *SOLAS Chapter II-1 equipment*

| <b>No</b> | <b>Item designation</b>                                    |
|-----------|--|
| MED/9/8.1 | Cold-weather starting of generator sets (starting devices) |

**Status:**

Point in time view as at 16/07/2020.

**Changes to legislation:**

There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1170.