

## Annex 1

This annex sets out in full the design, construction and performance requirements and testing standards for marine equipment to which approval by an approved body is required in accordance with regulation 5.

The requirements below replace those in Merchant Shipping Notice 1874 (M+F) amendment 4.

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 Circ., Circular.  
COLREG, Convention on the International Regulations for Preventing Collisions at Sea, 1972.  
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  
"The Regulations" shall mean the Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended  
MEPC, Marine Environment Protection Committee.  
MSC, IMO's Maritime Safety Committee.  
NOx, Nitrogen Oxides.  
O<sub>2</sub>/HC systems: Oxygen Hydro Carbon systems.  
SOLAS, International Convention for the Safety of Life at Sea, 1974.  
SOx, Sulphur Oxides.  
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 the Regulations.



- (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 timeframes for shipbuilding, depending on the characteristics of the specific marine equipment, the following meanings of 'placing on board' (indicated in brackets behind the dates) apply:
  - I : first installation of the equipment in its functional position on board a UK ship;
  - II : first installation of the equipment in its functional position or stowing in its functional position on board a UK 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. UK/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 three rows for one marine equipment entry (such as UK/3.51a), the third (lowest) row contains the updated requirements of the international instruments in respect to the ones shown in the first two (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 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
UK/1.1 Lifebuoys Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.  Carriage and performance requirements — SOLAS 74 Reg. III/7, — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) II, — IMO Res.MSC.97(73)-(2000 HSC Code) 8.	— IMO Res. MSC.81(70), as amended.	B+D  B+E  B+F		
UK/1.2a Position-indicating lights for life-saving appliances:	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res. MSC.81(70), as amended.	B+D  B+E  B+F		13.9.2022  (II)



for survival craft and rescue boats. Row 1 of 3	Carriage and performance requirements — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) II, — IMO Res.MSC.48(66)-(LSA Code) IV, — IMO Res.MSC.97(73)-(2000 HSC Code) 8.				
UK/1.2a Position-indicating lights for life-saving appliances: for survival craft and rescue boats. Row 2 of 3	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.  Carriage and performance requirements — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) IV, — IMO Res.MSC.97(73)-(2000 HSC Code) 8.	— IMO Res.MSC.81(70), as amended, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008.  Or: — IMO Res.MSC.81(70), as amended, — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.	B+D B+E B+F	13.9.2019	12.8.2023  (II)
UK/1.2a Position-indicating lights for life-saving appliances:	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res.MSC.81(70), as amended, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D B+E	12.8.2020	



<p>for survival craft and rescue boats.</p> <p>Row 3 of 3</p> <p>Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those referred to at IMO Res. MSC 81(70) Clause 10.4 shall be carried out.</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>	<p>— ISO 24408: 2005.</p> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ISO 24408: 2005</li> </ul>	<p>B+F</p>		
<p>UK/1.2b</p> <p>Position-indicating lights for life-saving appliances: for lifebuoys.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>13.9.2022</p> <p>(II)</p>



<p>UK/1.2b</p> <p>Position-indicating lights for life-saving appliances: for lifebuoys.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	<p>12.8.2023</p> <p>(II)</p>
<p>UK/1.2b</p> <p>Position-indicating lights for life-saving appliances: for lifebuoys.</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ISO 24408: 2005.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	



<p>Row 3 of 3</p> <p>Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those referred to at IMO Res. MSC 81(70) Clause 10.4 shall be carried out.</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ISO 24408: 2005.</li> </ul>			
<p>UK/1.2c</p> <p>Position-indicating lights for life-saving appliances: for lifejackets.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> </ul> <p>SOLAS 74 Reg. X/3.</p> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>13.9.2022</p> <p>(II)</p>



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
UK/1.2c Position-indicating lights for life-saving appliances: for lifejackets. Row 2 of 3	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.81(70), as amended,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	B+D B+E B+F	13.9.2019	12.8.2023 (II)
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>	Or: <ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>			
UK/1.2c Position-indicating lights for life-saving appliances:	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.81(70), as amended,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> </ul>	B+D B+E B+F	12.8.2020	





<p>for lifejackets.</p> <p>Row 3 of 3</p> <p>Note: EN 60945's and IEC 60956's Electromagnetic Compatibility tests are excluded and only those referred to at IMO Res. MSC 81(70) clause 10.4 shall be carried out.</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 24408: 2005.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ISO 24408: 2005.</li> </ul>			
<p>UK/1.3</p> <p>Lifebuoys self-activating smoke signals</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>—IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.81(70), as amended.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>12.8.2023</p> <p>(II)</p>



<p>UK/1.3 Lifebuoys self-activating smoke signals Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended, — ISO 15736: 2006.</p>	<p>B+D  B+E  B+F</p>	<p>12.8.2020</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>					
<p>UK/1.4 Lifejackets Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+D  B+E  B+F</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.922,</li> <li>— IMO MSC.1/Circ.1304,</li> <li>— IMO MSC.1/Circ.1470.</li> </ul>				
<p>UK/1.5a</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket:</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



<p>immersion suit without inherent insulation.</p> <p>Row 1 of 1</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.1046.</li> </ul>				
<p>UK/1.5b</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket:</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+</p> <p>D</p> <p>B+E</p>		



immersion suit with inherent insulation. Row 1 of 1	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.1046.</li> </ul>		B+F		
<p>UK/1.5c</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket:</p> <p>anti-exposure suits. Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> </ul>	— IMO Res. MSC.81(70), as amended.	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.1046.</li> </ul>				
<p>UK/1.6a</p> <p>Immersion suits and anti-exposure suits designed to be worn WITHOUT a life jacket:</p> <p>immersion suit without inherent insulation.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.1046.</li> </ul>				



<p>UK/1.6b</p> <p>Immersion suits and anti-exposure suits designed to be worn WITHOUT a life jacket:</p> <p>immersion suit with inherent insulation.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000HSC Code) 8,</li> <li>— IMO MSC/Circ.1046.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/1.6c</p> <p>Immersion suits and anti-exposure suits designed to be worn WITHOUT a life jacket:</p> <p>anti-exposure suits.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/7,</li> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.1046.</li> </ul>				
UK/1.7 Thermal protective aids Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	— IMO Res. MSC.81(70), as amended.	B+D B+E B+F		
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/22,</li> <li>— SOLAS 74 Reg. III/32,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) II,</li> <li>— IMO Res.MSC.97(73)-(2000HSC Code) 8,</li> <li>— IMO MSC/Circ.1046.</li> </ul>				





UK/1.8 Rocket parachute flares (pyrotechnics) Row 1 of 2	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res. MSC.81(70), as amended.	B+D B+E B+F		12.8.2023 (II)
UK/1.8 Rocket parachute flares (pyrotechnics) Row 2 of 2	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.	— IMO Res. MSC.81(70), as amended, — ISO 15736: 2006.	B+D B+E B+F		12.8.2020 (II)



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>- SOLAS 74 Reg. III/6,</li> <li>- SOLAS 74 Reg. III/34,</li> <li>- IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>- IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>- IMO Res.MSC.48(66)-(LSA Code) III,</li> <li>- IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
<p>UK/1.9 Hand flares (pyrotechnics) Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70),as amended.</p>	<p>B+D B+E B+F</p>		<p>12.8.2023 (II)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) III,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				



UK/1.9 Hand flares (pyrotechnics) Row 2 of 2	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res. MSC.81(70), as amended, — ISO 15736: 2006.	B+D B+E B+F	12.8.2020	
	Carriage and performance requirements — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994HSC 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.				
UK/1.10 Buoyant smoke signals (pyrotechnics) Row 1 of 2	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res. MSC.81(70), as amended.	B+D B+E B+F		12.8.2023 (II)
	Carriage and performance requirements — SOLAS 74 Reg. III/34, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) III.				
UK/1.10 Buoyant smoke signals (pyrotechnics)	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	12.8.2020	



Row 2 of 2	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) III.</li> </ul>		B+F		
UK/1.11 Line-throwing appliances Row 1 of 2	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	— IMO Res. MSC.81(70), as amended.	B+D		12.8.2023 (II)
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/18,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VII,</li> <li>— IMO Res.MSC.97(73)-(2000HSC Code) 8.</li> </ul>		B+E		
UK/1.11 Line-throwing appliances Row 2 of 2	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended,</p> <p>— ISO 15736: 2006.</p>	B+D	12.8.2020	
			B+E		
			B+F		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/18,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VII,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
<p>UK/1.12 Inflatable liferafts Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.81(70), as amended. And for extended service intervals: — IMO MSC.1/Circ.1328.</p>	<p>B+D B+E B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/13,</li> <li>— SOLAS 74 Reg. III/21,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/31,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.811,</li> </ul>				



	— IMO MSC.1/Circ.1328.				
UK/1.13 Rigid liferafts Row 1 of 1	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	— IMO Res. MSC.81(70), as amended,	B+D B+E B+F		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/21,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/31,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
UK/1.14a Automatically self-righting liferafts: inflatable.	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res. MSC.81(70), as amended.</p> <p>And for extended service intervals:</p> <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1328.</li> </ul>	B+D B+E B+F		



Row 1 of 1	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000HSC Code) 8,</li> <li>— IMO MSC/Circ.809,</li> <li>— IMO MSC/Circ.811,</li> <li>— IMO MSC.1/Circ.1328.</li> </ul>				
<p>UK/1.14b</p> <p>Automatically self-righting liferafts: rigid.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.81(70), as amended.</li> </ul> <p>And for extended service intervals:</p> <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1328.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000HSC Code) 8,</li> </ul>					



	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.809,</li> <li>— IMO MSC/Circ.811,</li> <li>— IMO MSC.1/Circ.1328.</li> </ul>				
UK/1.15 Canopied reversible liferafts Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended.</li> </ul> And for extended service intervals: <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1328.</li> </ul>	B+D		
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000HSC Code) 8,</li> <li>— IMO MSC/Circ.809,</li> <li>— IMO MSC/Circ.811,</li> <li>— IMO MSC.1/Circ.1328.</li> </ul>		B+E		
			B+F		





<p>UK/1.16</p> <p>Float-free arrangements for liferafts (hydrostatic release units)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/13,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC/Circ.811.</li> </ul>	<p>— IMO Res.MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/1.17a</p> <p>Lifeboats</p> <p>Davit-launched lifeboats:</p> <ul style="list-style-type: none"> <li>— partially enclosed,</li> <li>— totally enclosed.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/21,</li> <li>— SOLAS 74 Reg. III/31,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> </ul>	<p>— IMO Res.MSC.81(70), as amended,</p> <p>— IMO MSC/Circ.1006.</p>	<p>B+D</p> <p>B+F</p> <p>G</p>		



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC.1/Circ.1423.</li> </ul>				
UK/1.17b Lifeboats Free-fall lifeboats. Row 1 of 1	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/21,</li> <li>— SOLAS 74 Reg. III/31,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC.1/Circ.1423.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IMO MSC/Circ.1006.</li> </ul>	B+D  B+F  G		
UK/1.18 Rigid rescue boats Row 1 of 1	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/21,</li> <li>— SOLAS 74 Reg. III/31,</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IMO MSC/Circ.1006.</li> </ul>	B+D  B+F  G		



	<ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code)V,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
UK/1.19 Inflated rescue boats Row 1 of 1	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— ISO 15372:2000.</li> </ul>	<p>B+D</p> <p>B+F</p> <p>G</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/21,</li> <li>— SOLAS 74 Reg. III/31,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code)V,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				



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



<p>UK/1.20c Fast rescue boats: rigid- inflated. Row 1 of 1</p>	<p>Type approval requirements — SOLAS 74 Reg. III/4.</p> <hr/> <p>Carriage and performance requirements — SOLAS 74 Reg. III/26, — SOLAS 74 Reg. III/34, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) V, — IMO MSC/Circ.1016, — IMO MSC/Circ.1094.</p>	<p>— IMO Res.MSC.81(70), as amended, — IMO MSC/Circ.1006, — ISO 15372:2000.</p>	<p>B+D B+F G</p>		
<p>UK/1.21 Launching appliances using falls (davits) Row 1 of 1</p>	<p>Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.</p> <hr/> <p>Carriage and performance requirements — SOLAS 74 Reg. III/23, — SOLAS 74 Reg. III/33, — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) VI, — IMO Res.MSC.97(73)-(2000 HSC Code) 8.</p>	<p>— IMO Res.MSC.81(70), as amended.</p>	<p>B+D B+E B+F G</p>		



Item UK/1.22, Float-free launching appliances for survival craft, - moved to UK /9/1.3.					
UK/1.23 Launching appliances for free-fall lifeboats Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res.MSC.81(70), as amended.	B+D  B+E  B+F  G		
	Carriage and performance requirements — SOLAS 74 Reg. III/16, — SOLAS 74 Reg. III/23, — SOLAS 74 Reg. III/33, — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) VI, — IMO Res.MSC.97(73)-(2000 HSC Code) 8.				
UK/1.24 Liferaft launching appliances (Davits) Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res.MSC.81(70), as amended.	B+D  B+E  B+F  G		
	Carriage and performance requirements — SOLAS 74 Reg. III/12, — SOLAS 74 Reg. III/16, — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8,				



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VI,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
UK/1.25 Fast rescue boat launching appliances (Davits) Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4. <hr/> Carriage and performance requirements — SOLAS 74 Reg. III/26, — SOLAS 74 Reg. III/34, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) VI.	— IMO Res.MSC.81(70), as amended.	B+D B+E B+F G		
UK/1.26a Release mechanism for: lifeboats and rescue boats (launched by a fall or falls). Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3. <hr/> Carriage and performance requirements — SOLAS 74 Reg. III/16, — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) I,	— IMO Res.MSC.81(70), as amended.	B+D B+E B+F		



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO MSC.1/Circ.1419.</li> </ul>				
UK/1.26b Release mechanism for: liferrafts (launched by a fall or falls). Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	— IMO Res.MSC.81(70), as amended.	B+D B+E B+F		
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/16,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> </ul>				
UK/1.26c Release mechanism for: free fall lifeboats. Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	— IMO Res.MSC.81(70), as amended.	B+D B+E B+F		
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/16,</li> <li>— SOLAS 74 Reg. III/34,</li> </ul>				





	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> </ul>				
UK/1.27 Marine evacuation systems Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res.MSC.81(70), as amended.	B+D B+F G		
	Carriage and performance requirements — SOLAS 74 Reg. III/15, — SOLAS 74 Reg. III/26, — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) VI, — IMO Res.MSC.97(73)-(2000 HSC Code) 8.				
UK/1.28 Means of rescue Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4.	— IMO Res.MSC.81(70), as amended,	B+D B+F		
	Carriage and performance requirements				



	<ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VI.</li> </ul>				
UK/1.29 Embarkation ladders Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. III/11,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— ISO 5489:2008.</li> </ul>	B+D B+F		
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/11,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code),</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VI,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code),</li> <li>— IMO MSC.1/Circ.1285.</li> </ul>				
UK/1.30 Retro-reflective materials	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. A.658(16), as amended.</li> </ul>	B+D B+E		



<p>Row 1 of 1</p>	<p>— SOLAS 74 Reg. X/3.</p>		<p>B+F</p>		
	<p>Carriage and performance requirements  — SOLAS 74 Reg. III/34,  — IMO Res.MSC.36(63)-(1994 HSC Code) 8,  — IMO Res.MSC.48(66)-(LSA Code) I,  — IMO Res.MSC.97(73)-(2000 HSC Code) 8.</p>				
<p>Item UK/1.31, Survival craft two-way VHF radio telephone apparatus, - moved to UK/5.17 and UK/5.18.</p>					
<p>Item UK/1.32, 9 GHz SAR transponder (SART), - moved to UK/4.18.</p>					
<p>UK/1.33  Radar reflector for lifeboats and rescue boats  (passive)  Row 1 of 1</p>	<p>Type approval requirements  — SOLAS 74 Reg. III/4,  — SOLAS 74 Reg. X/3.</p>	<p>— EN ISO 8729:1998,  —EN 60945:2002 incl. IEC 60945 Corr. 1:2008.  Or:  —EN ISO 8729:1998,  — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.  Or:  —ISO 8729-1:2010,  —EN 60945:2002 incl. IEC 60945 Corr. 1:2008.  Or:  —ISO 8729-1:2010,  —IEC 60945:2002 incl. IEC Corr. 1:2008</p>	<p>B+D  B+E  B+F</p>		
	<p>Carriage and performance requirements  — SOLAS 74 Reg. III/34,  — IMO Res.A.384(X),  — IMO Res.MSC.36(63)-(1994Code) 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. MSC97(73)-(2000 HSC Code) 8,  — IMO Res.MSC.164(78).</p>				



Item UK/1.34, Magnetic compass Class B for lifeboats and rescue boats, - moved to UK/4.23.					
Item UK/1.35, Portable fire-extinguishing equipment for lifeboats and rescue boats - moved to UK/3.38.					
UK/1.36 Lifeboat/rescue boat propulsion engine Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.  Carriage and performance requirements — SOLAS 74 Reg. III/34, — IMO Res.MSC.48(66)-(LSA Code) IV, — IMO Res.MSC.48(66)-(LSA Code) V.	— IMO Res.MSC.81(70), as amended.	B+D  B+E  B+F		
UK/1.37 Rescue boat propulsion engine - outboard motor Row 1 of 1	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.  Carriage and performance requirements — SOLAS 74 Reg. III/34, — IMO Res.MSC.48(66)-(LSA Code) V.	— IMO Res.MSC.81(70), as amended.	B+D  B+E  B+F		
UK/1.38 Searchlights for use in lifeboats and rescue boats Row 1 of 2	Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.	— IMO Res.MSC.81(70), as amended.	B+D  B+E  B+F		13.9.2022 (II)



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) V,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
<p>UK/1.38</p> <p>Searchlights for use in lifeboats and rescue boats</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) V,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				



<p>UK/1.39 Open reversible liferafts Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) Annex 10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) Annex 11.</li> </ul> <p>And for extended service intervals:</p> <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1328.</li> </ul>	<p>B+D B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) Annex 10,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) Annex 11,</li> <li>— IMO MSC.1/Circ.1328.</li> </ul>					
<p>Item UK/1.40, Mechanical pilot hoist, - moved to UK/4.48.</p>					
<p>UK/1.41a Winches for survival craft and rescue boats: davits launched lifeboats. Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended.</li> </ul>	<p>B+D B+E B+F G</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/16,</li> <li>— SOLAS 74 Reg. III/23,</li> <li>— SOLAS 74 Reg. III/24,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VI,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
<p>UK/1.41b</p> <p>Winches for survival craft and rescue boats:</p> <p>free-fall lifeboats.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.81(70), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/16,</li> <li>— SOLAS 74 Reg. III/23,</li> <li>— SOLAS 74 Reg. III/24,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VI.</li> </ul>				



<p>UK/1.41c Winches for survival craft and rescue boats: liferrafts. Row 1 of 1</p>	<p>Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.</p>	<p>— IMO Res.MSC.81(70), as amended.</p>	<p>B+D B+E B+F G</p>		
<p>Carriage and performance requirements — SOLAS 74 Reg. III/16, — SOLAS 74 Reg. III/17, — SOLAS 74 Reg. III/23, — SOLAS 74 Reg. III/24, — SOLAS 74 Reg. III/34, — IMO Res.MSC.36(63)-(1994 HSC Code) 8, — IMO Res.MSC.48(66)-(LSA Code) I, — IMO Res.MSC.48(66)-(LSA Code) VI, — IMO Res.MSC.97(73)-(2000 HSC Code) 8.</p>					
<p>UK/1.41d Winches for survival craft and rescue boats: rescue boats.</p>	<p>Type approval requirements — SOLAS 74 Reg. III/4, — SOLAS 74 Reg. X/3.</p>	<p>— IMO Res.MSC.81(70), as amended.</p>	<p>B+D B+E B+F</p>		





Row 1 of 1	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/16,</li> <li>— SOLAS 74 Reg. III/17,</li> <li>— SOLAS 74 Reg. III/23,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VI,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>		G		
<p>UK/1.41e Winches for survival craft and rescue boats: fast rescue boats.</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	— IMO Res.MSC.81(70), as amended.	<p>B+D B+E B+F</p>		



Row 1 of 1	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/16,</li> <li>— SOLAS 74 Reg. III/17,</li> <li>— SOLAS 74 Reg. III/23,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) VI,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>		G		
Item UK/1.42, Pilot ladder, - moved to UK/4.49.					
<p>UK/1.43 Rigid-inflated rescue boats Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.81(70), as amended,</li> <li>— IMO MSC/Circ.1006,</li> <li>— ISO 15372:2000.</li> </ul>	<p>B+D B+F G</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/21,</li> <li>— SOLAS 74 Reg. III/31,</li> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) V,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
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## 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
UK/2.1 Oil-filtering equipment (for an oil content of the effluent not exceeding 15 p.p.m.) Row 1 of 1	Type approval requirements — MARPOL 73/78 Annex I, Reg. 14.	— IMO Res.MEPC.107(49), as amended, — IMO MEPC.1/Circ. 643.	B+D B+E B+F		
	Carriage and performance requirements — MARPOL 73/78 Annex I, Reg. 14, — IMO MEPC.1/Circ. 643.				
UK/2.2 Oil/water interface detectors Row 1 of 1	Type approval requirements — MARPOL 73/78 Annex I, Reg. 32.	— IMO Res.MEPC.5(XIII).	B+D B+E B+F		
	Carriage and performance requirements — MARPOL 73/78 Annex I, Reg. 32.				
UK/2.3 Oil-content meters	Type approval requirements — MARPOL 73/78 Annex I, Reg. 14.	— IMO Res.MEPC.107(49), as amended, — IMO MEPC.1/Circ. 643.	B+D B+E		



Row 1 of 1	Carriage and performance requirements — MARPOL 73/78 Annex I, Reg. 14, — IMO MEPC.1/Circ. 643.		B+F		
Item UK/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.					
UK/2.5 Oil discharge monitoring and control system for oil tankers Row 1 of 1	Type approval requirements — MARPOL 73/78 Annex I, Reg. 31, — IMO MEPC.1/Circ.858.  Carriage and performance requirements — MARPOL 73/78 Annex I, Reg. 31.	— IMO Res. MEPC.108(49), as amended.	B+D  B+E  B+F		
UK/2.6a Sewage systems  (for use by passenger ships in all areas, including a MARPOL Annex IV special area). Row 1 of 1	Type approval requirements — MARPOL 73/78 Annex IV, Reg. 9.  Carriage and performance requirements — MARPOL 73/78 Annex IV, Reg. 9.	— IMO Res.MEPC.227(64), including section 4.2.	B+D  B+E  B+F  G	16.3.2017	
UK/2.6b Sewage systems  (for use by ships, other than passenger ships, in all areas and by passenger ships outside MARPOL Annex IV special areas).	Type approval requirements — MARPOL 73/78 Annex IV, Reg. 9.	— IMO Res.MEPC.227(64), not including section 4.2.	B+D  B+E  B+F  G	16.3.2017	



Row 1 of 1	Carriage and performance requirements — MARPOL 73/78 Annex IV, Reg. 9.				
UK/2.7 Shipboard incinerators (Incinerator plants with capacities up to 4 000 kW) Row 1 of 1	Type approval requirements — MARPOL 73/78 Annex VI, Reg. 16.  Carriage and performance requirements — MARPOL 73/78 Annex VI, Reg. 16.	— IMO Res. MEPC.244(66).	B+D B+E B+F G	16.3.2017	
UK/2.8 NOx analyser permanently placed on board and for use on board as per NOx Technical Code 2008 Row 1 of 1	Type approval requirements — IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 13).  Carriage and performance requirements — IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 13), — IMO Res. MEPC.177(58) - (NOx Technical Code 2008), — IMO Res. MEPC.198(62).	— IMO Res. MEPC.177(58) - (NOx Technical code 2008), as amended.	B+D B+E B+F G		
Item UK/2.9, Equipment using technological methods to limit SOx emissions, - moved to UK/9/2.4.					



<p>UK/2.10</p> <p>On board exhaust gas cleaning systems</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4),</li> <li>— IMO Res.MEPC.259 (68).</li> </ul>	<p>— IMO Res.MEPC.259(68).</p>	<p>Scheme A:</p> <p>B+F</p> <p>G</p> <p>Scheme B:</p> <p>G</p>	<p>19.6.2018</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res. MEPC.176(58) - (Revised MARPOL Annex VI, Reg. 4).</li> </ul>					



### 3. Fire protection equipment

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





	<ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/18,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.A.951(23),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 4,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC/Circ.1239,</li> <li>— IMO MSC/Circ.1275.</li> </ul>				
<p>UK/3.3a</p> <p>Fire-fighter's outfit: protective clothing (close proximity clothing):</p> <p>Protective non reflective clothing for fire-fighting.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<p>— EN 469:2005 incl. A1:2006 and AC:2006</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>25.8.2024 (II)</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>					



<p>UK/3.3a</p> <p>Fire-fighter's outfit: protective clothing (close proximity clothing):</p> <p>Protective non reflective clothing for fire-fighting.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<p>— EN 469:2020</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>					
<p>UK/3.3b</p> <p>Fire-fighter's outfit: protective clothing (close proximity clothing):</p> <p>Protective clothing for firefighting: Reflective clothing for specialised fire-fighting.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<p>— EN 1486:2007.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>					



<p>UK/3.3c Fire-fighter's outfit: protective clothing (close proximity clothing): Protective clothing for firefighting: Protective clothing with a reflective outer surface.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<p>— ISO 15538:2001. Note: Level 2.</p>	<p>B+D B+E B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>					
<p>UK/3.4 Fire-fighter's outfit: boots</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<p>— EN 15090:2012.</p>	<p>B+D B+E B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. II-2/15,</li> </ul>					



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.4(48)-(IBC Code) 11,</li> <li>— IMO Res.MSC.5(48)-(IGC Code) 11</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>				
UK/3.5 Fire-fighter's outfit: gloves Row 1 of 1	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 659:2003 incl. AC: 2008 and AC:2009.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. II-2/15,</li> <li>— IMO Res.MSC.4(48)-(IBC Code) 11,</li> <li>— IMO Res.MSC.5(48)-(IGC Code) 11,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>				



<p>UK/3.6 Fire-fighter's outfit: helmet Row 1 of 1</p>	<p>Type approval requirements — SOLAS 74 Reg. II-2/10, — SOLAS 74 Reg. X/3, — IMO Res.MSC.98(73)-(FSS Code) 3.</p>	<p>— EN 443:2008.</p>	<p>B+D B+E B+F</p>		
	<p>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.</p>				



<p>UK/3.7 Self-contained compressed-air-operated breathing apparatus</p> <p>Note: For use in accidents involving dangerous goods a positive pressure type mask is required. (Refer to item 7.1)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<p>— ISO 23269-2:2011 (firefighting - maritime use only).</p> <p>Type 1 mask shall not be used in either UK/3.7 or UK/7.1.</p> <p>Note: Associated fireproof lifeline requested by ISO 23269 § 4.28 shall be UK certified as item UK 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.</p>	<p>B+D B+E B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. II-2/15,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— IMO Res.MSC.4(48)-(IBC Code) 11,</li> <li>— IMO Res.MSC.5(48)-(IGC Code) 11,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3,</li> <li>— IMO MSC.1/Circ.1499,</li> <li>— IMO MSC.1/Circ.1555.</li> </ul>	<p>The breathing apparatus module B shall indicate the UK fireproof lifeline as mandatory combined component.</p>			



<p>UK/3.8 Compressed air line breathing apparatus</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> </ul> <p>Note: This equipment is only for high speed craft built under provisions of the 1994 HSC Code.</p>	<p>— EN 14593-1:2005.</p> <p>Or:</p> <p>— EN 14594:2005 incl. AC:2005.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>13.3.2021</p> <p>(II)</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> </ul>	<p>UK/3.8 Compressed air line breathing apparatus</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> </ul> <p>Note: This equipment is only for high speed craft built under provisions of the 1994 HSC Code.</p>	<p>— EN 14593-1:2018.</p> <p>Or:</p> <p>— EN 14594:2018.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> </ul>						



<p>UK/3.9</p> <p>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).</p> <p>(Nozzles for fixed sprinkler systems, for high speed craft (HSC) are included under this item).</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 8.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.44(65),</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 8,</li> <li>— IMO MSC/Circ.912,</li> <li>— IMO MSC/Circ. 1556.</li> </ul>	<p>— IMO Res. A.800(19), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
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<p>UK/3.10</p> <p>Nozzles for fixed pressure water spraying fire extinguishing systems for machinery spaces and cargo pump-rooms</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	<p>— IMO MSC/Circ.1165, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11),</li> <li>— IMO MSC.1/Circ.1313.</li> </ul>					
<p>UK/3.11a</p> <p>'A' &amp; 'B' Class divisions fire integrity:</p> <p>'A' class divisions.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3.2,</li> <li>— IMO MSC/Circ.1120.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended,</p> <p>— IMO MSC.1/Circ.1435.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3.2.</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO MSC/Circ.1120,</li> <li>— IMO MSC.1/Circ.1434.</li> <li>— IMO MSC.1/Circ.1616</li> </ul>					



<p>UK/3.11b</p> <p>'A' &amp; 'B' Class divisions fire integrity: 'B' class divisions.</p> <p>Note: Where a B class bulkhead has been tested from only one side and has been designed to be installed with the untested side adjacent to the untested side of another B class bulkhead, the EC type-examination certificate shall include the conditions under which it can be installed onboard ensuring that the level of protection indicated in the relevant fire integrity tables included in SOLAS Chapter II-2/Reg.9.2 Thermal and Structural Boundaries is always fulfilled.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3.4,</li> <li>— IMO MSC/Circ.1120.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3.4,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO MSC/Circ.1120,</li> <li>— IMO MSC.1/Circ.1581.</li> </ul>					
<p>UK/3.12a</p> <p>Devices to prevent the passage of flame into the cargo tanks in tankers:</p> <ul style="list-style-type: none"> <li>— P/V valves</li> </ul> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. II-2/16.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.677, as amended,</li> <li>— EN ISO 16852:2016,</li> <li>— ISO 15364:2016.</li> </ul>	<p>B+F</p>	<p>19.6.2018</p>	<p>25.8.2024 (III)</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. II-2/16.</li> <li>— IMO Res. MSC.98(73)-(FSS Code) 15.</li> </ul>					



<p>UK/3.12a</p> <p>Devices to prevent the passage of flame into the cargo tanks in tankers:</p> <p>— P/V valves</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/16.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/16.</p> <p>— IMO Res. MSC.98(73)-(FSS Code) 15.</p>	<p>— IMO MSC/Circ.677, (as amended),</p> <p>— EN ISO 16852:2016,</p> <p>— ISO 15364:2021.</p>	<p>B+F</p>	<p>25.8.2021</p>	
<p>UK/3.12b</p> <p>Devices to prevent the passage of flame into the cargo tanks in tankers:</p> <p>— flame arresters</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/16.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/16.</p> <p>— IMO Res. MSC.98(73)-(FSS Code) 15.</p>	<p>— IMO MSC/Circ.677, as amended,</p> <p>— EN ISO 16852:2016.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	
<p>UK/3.12c</p> <p>Devices to prevent the passage of flame into the cargo tanks in tankers:</p> <p>— Detonation flame arresters</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/16.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— SOLAS 74 Reg. II-2/16.</p> <p>— IMO Res. MSC.98(73)-(FSS Code) 15.</p>	<p>— IMO MSC/Circ.677, as amended.</p> <p>— EN ISO 16852:2016.</p>	<p>B+D</p> <p>B+E</p> <p>B+ F</p>	<p>19.6.2018</p>	



<p>UK/3.12d</p> <p>Devices to prevent the passage of flame into the cargo tanks in tankers:</p> <p>— High velocity vent valves</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. II-2/16.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4, — SOLAS74 Reg. II-2/16. — IMO Res. MSC.98(73)-(FSS Code) 15.</p>	<p>— IMO MSC/Circ.677, as amended, — EN ISO 16852:2016, — ISO 15364:2016.</p>	<p>B+F</p>	<p>19.6.2018</p>	<p>25.8.2024 (III)</p>
<p>UK/3.12d</p> <p>Devices to prevent the passage of flame into the cargo tanks in tankers:</p> <p>— High velocity vent valves</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. II-2/16.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4, — SOLAS74 Reg. II-2/16. — IMO Res. MSC.98(73)-(FSS Code) 15.</p>	<p>— IMO MSC/Circ.677, as amended, — EN ISO 16852:2016, — ISO 15364:2021.</p>	<p>B+F</p>	<p>25.8.2021</p>	
<p>UK/3.13</p> <p>Non-combustible materials</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/3, — SOLAS 74 Reg. X/3.</p>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D B+E B+F</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li>   <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				
UK/3.14, Materials other than steel for pipes penetrating “A” and “B” Class divisions – Item included in UK/3.26 and UK/3.27.					
<p>UK/3.15a</p> <p>Materials other than steel for pipes conveying oil or fuel oil:</p> <ul style="list-style-type: none"> <li>— plastic pipes and fittings.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.A.753(18), as amended,</li> <li>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 10,</li> <li>— IMO MSC/Circ.1120.</li> </ul>				



<p>UK/3.15b</p> <p>Materials other than steel for pipes conveying oil or fuel oil:</p> <ul style="list-style-type: none"> <li>— valves</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 10,</li> <li>— IMO MSC/Circ.1120.</li> </ul>	<p>— EN ISO 10497:2010.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.15c</p> <p>Materials other than steel for pipes conveying oil or fuel oil:</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>Flexible pipe assemblies:</p> <ul style="list-style-type: none"> <li>— EN ISO 15540:2001,</li> <li>— EN ISO 15541:2001.</li> </ul>	<p>B+D</p> <p>B+E</p>		<p>1.7.2019 (III)</p>



<p>— flexible pipe assemblies and compensators.</p> <p>Row 1 of 2</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 10,</li> <li>— IMO MSC/Circ.1120.</li> </ul>		B+F		
<p>UK/3.15c</p> <p>Materials other than steel for pipes conveying oil or fuel oil:</p> <ul style="list-style-type: none"> <li>— flexible pipe assemblies and compensators.</li> </ul> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 10,</li> </ul>	<p>—ISO 15540:2016,</p> <p>—ISO 15541:2016</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	



	— IMO MSC/Circ.1120.				
<p>UK/3.15d</p> <p>Materials other than steel for pipes conveying oil or fuel oil:</p> <ul style="list-style-type: none"> <li>— metallic pipe components with resilient and elastomeric seals.</li> </ul> <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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 10,</li> <li>— IMO MSC/Circ.1120,</li> <li>— IMO MSC/Circ.1527.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 19921:2005,</li> <li>— ISO 19922:2005.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		





<p>UK/3.16</p> <p>Fire Doors</p> <p>Note: Fire door control system components are subject to conformity assessment according to item UK/3.17.Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/9.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/9,</p> <p>— IMO MSC.1/Circ.1511.</p>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended,</p> <p>— IMO MSC.1/Circ.1319</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.17</p> <p>Fire door control systems components.</p> <p>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.</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.</p> <p>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> <hr/> <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>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.18a</p> <p>Surface materials and floor coverings with low flame-spread characteristics:</p> <p>— decorative veneers.</p> <p>Row 1 of 1</p>	<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>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/6,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC/Circ.1120.</li> </ul>				
<p>UK/3.18b</p> <p>Surface materials and floor coverings with low flame-spread characteristics:</p> <ul style="list-style-type: none"> <li>— paint systems.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/6,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/6,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC/Circ.1120.</li> </ul>				



<p>UK/3.18c</p> <p>Surface materials and floor coverings with low flame-spread characteristics:</p> <ul style="list-style-type: none"> <li>— floor coverings.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/6,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/6,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC/Circ.1120.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.18d</p> <p>Surface materials and floor coverings with low flame-spread characteristics:</p> <ul style="list-style-type: none"> <li>— pipe insulation covers.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC/Circ.1120.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



<p>UK/3.18e</p> <p>Surface materials and floor coverings with low flame-spread characteristics:</p> <ul style="list-style-type: none"> <li>— adhesives used in the construction of 'A', 'B' &amp; 'C' class divisions.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC/Circ.1120.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.18f</p> <p>Surface materials and floor coverings with low flame-spread characteristics:</p> <ul style="list-style-type: none"> <li>— combustible ducts membrane.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC/Circ.1120.</li> </ul>				
<p>UK/3.19</p> <p>Draperies, curtains and other suspended textile materials and films</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended,</li> <li>— IMO MSC.1/Circ.1456, as amended.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				



<p>UK/3.20</p> <p>— Upholstered furniture</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D B+E B+F</p>		<p>12.8.2023</p> <p>(I)</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>					
<p>UK/3.20a</p> <p>Upholstered furniture:</p> <ul style="list-style-type: none"> <li>— complete piece of furniture (including cover material, filling material and non- flammable rack).</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				
<p>UK/3.20b</p> <p>Upholstered furniture:</p> <ul style="list-style-type: none"> <li>— cover material for any filling material.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), Annex 1 Part 8 Appendix 3, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> </ul>				



<p>UK/3.20c</p> <p>Upholstered furniture:</p> <ul style="list-style-type: none"> <li>— cover material for flame-retardant filling material (tested in specific combination as intended for further application).</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), Annex 1 Part 8 Appendix 3, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				
<p>UK/3.20d</p> <p>Upholstered furniture:</p> <ul style="list-style-type: none"> <li>— flame-retardant filling material.</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), Annex 1 Part 8 Appendix 3, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> </ul>				





	<ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/5,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				
UK/3.21 Bedding components Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
Row 1 of 1	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				
UK/3.22 Fire dampers Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/9.</li> </ul>	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
Row 1 of 1	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/9.</li> </ul>				
Item UK/3.23, Non-combustible duct penetrations through 'A' class divisions - Item deliberately left blank.					



Item UK/3.24, Electric cable transits through 'A' class divisions — Item deliberately left blank.					
UK/3.25 "A" and "B" class fire proof windows and side scuttles Row 1 of 1	Type approval requirements — SOLAS 74 Reg. II-2/9.	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements — SOLAS 74 Reg. II-2/9, — IMO Res.MSC.5(48)-(IGC Code) 3, — IMO MSC/Circ.1120.				
UK/3.26a Penetrations through 'A' class divisions: electric cable transits. Row 1 of 1	Type approval requirements — SOLAS 74 Reg. II-2/9.	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended, — IMO Res.MSC.1/Circ. 1488.	B+D B+E B+F		
	Carriage and performance requirements — SOLAS 74 Reg. II-2/9.				
UK/3.26b Penetrations through 'A' class divisions: pipe, duct, trunk, etc. penetrations. Row 1 of 1	Type approval requirements — SOLAS 74 Reg. II-2/9.	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended, — IMO MSC.1/Circ. 1488.	B+D B+E B+F		
	Carriage and performance requirements — SOLAS 74 Reg. II-2/9, — IMO MSC.1/Circ. 1276.				
UK/3.27a Penetrations through 'B' class divisions: electric cable transits, Row 1 of 1	Type approval requirements — SOLAS 74 Reg. II-2/9.	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage and performance requirements — SOLAS 74 Reg. II-2/9.				



<p>UK/3.27b</p> <p>Penetrations through 'B' class divisions:</p> <p>pipe, duct, trunk, etc. penetrations.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/9.</p>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/9.</p>				
<p>UK/3.28</p> <p>Sprinkler systems (limited to sprinkler heads).</p> <p>(Nozzles for fixed sprinkler systems, for high speed craft (HSC) are included under this item).</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/7,</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p>	<p>— ISO 6182-1:2014.</p> <p>Or:</p> <p>— EN 12259-1:1999 incl. A1:2001, A2:2004 and A3:2006.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<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>— IMO MSC.1/Circ.1556.</p>				



<p>UK/3.29</p> <p>Fire-fighting hoses: Non-percolating lay flat fire-fighting hoses (range of the inside diameter from 25 mm to 52 mm).</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>	<p>— EN 14540:2014.</p>	<p>B+D B+E B+F</p>		
<p>UK/3.30a</p> <p>Portable oxygen analysis and gas detection equipment: category 1: (safe area)</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— SOLAS 74 Reg. XI-1/7.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— SOLAS 74 Reg. XI-1/7.</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— IMO MSC.1/Circ.1477</li> <li>—IMO MSC.1/Circ.1581.</li> </ul>	<p>— EN 50104:2010,</p> <p>— EN 60079-29-1:2016,</p> <p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— IEC 60092-504:2016,</p> <p>— IEC 60533:2015.</p>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	<p>25.8.2024 (II)</p>



<p>UK/3.30a</p> <p>Portable oxygen analysis and gas detection equipment:</p> <p>— category 1: (safe area)</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>SOLAS 74 Reg. II-2/4, SOLAS 74 Reg. VI/3, SOLAS 74 Reg. XI-1/7.</p>	<p>— EN 50104:2019, — EN 60079-29-1:2016, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1 :2008, — IEC 60092-504:2016, — IEC 60533:2015,</p>	<p>B+D B+E B+F</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. VI/3, — SOLAS 74 Reg. XI-1/7. — IMO Res.MSC.98(73)-(FSS Code) 15, — IMO MSC.1/Circ.1477, — IMO MSC.1/Circ.1581.</p>				
<p>UK/3.30b</p> <p>Portable oxygen analysis and gas detection equipment</p> <p>— category 2: (explosive gas atmospheres)</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. VI/3, — SOLAS 74 Reg. XI-1/7.</p>	<p>— EN 50104:2010, — EN 60079-29-1:2016, — EN IEC 60079-0:2018, — EN 60079-1:2014,</p>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	<p>25.8.2024 (II)</p>



Row 1 of 2	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— SOLAS 74 Reg. XI-1/7.</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— IMO MSC.1/Circ.1477,</li> <li>— IMO MSC.1/Circ.1581.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60079-10-1:2015,</li> <li>— EN 60079-11:2012,</li> <li>— EN 60079-15:2010,</li> <li>— EN 60079-26:2015.</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>			
<p>UK/3.30b</p> <p>Portable oxygen analysis detection equipment:</p> <ul style="list-style-type: none"> <li>— category 2: (explosive gas atmospheres)</li> </ul> <p>Row 2 of 2 (NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— SOLAS 74 Reg. XI-1/7.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— SOLAS 74 Reg. XI-1/7.</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— IMO MSC.1/Circ.1477,</li> <li>— IMO MSC.1/Circ.1581.</li> </ul>	<ul style="list-style-type: none"> <li>- EN 50104:2019</li> <li>- EN 60079-29-1:2016,</li> <li>- EN IEC 60079-0:2018, incl. AC:2020,</li> <li>- EN 60079-1:2014,</li> <li>- EN 60079-10-1:2015</li> <li>- EN 60079-11:2012</li> <li>- EN 60079-15:2010,</li> <li>- EN 60079-26:2015.</li> <li>- EN 60945:2002 incl. IEC 60945 Corr. 1:2008, or IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>- IEC 60092-504:2016,</li> <li>- IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	



Item UK/3.31, Nozzles for fixed sprinkler systems for high speed craft ((HSC), deleted as it is covered by UK/3.9 and UK/3.28.					
UK/3.32 Fire restricting materials (except furniture) for high speed craft Row 1 of 1	Type approval requirements — SOLAS 74 Reg. X/3.  Carriage and performance requirements — IMO Res.MSC.36(63)-(1994 HSC Code) 7, — IMO Res.MSC.97(73)-(2000 HSC Code) 7, — IMO MSC.1/Circ.1457.	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
UK/3.33 Fire restricting materials for furniture for high speed craft Row 1 of 1	Type approval requirements — SOLAS 74 Reg. X/3.  Carriage and performance requirements — IMO Res.MSC.36(63)-(1994 HSC Code) 7, — IMO Res.MSC.97(73)-(2000 HSC Code) 7.	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		
UK/3.34 Fire resisting divisions for high speed craft Row 1 of 1	Type approval requirements — SOLAS 74 Reg. X/3.	— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.	B+D B+E B+F		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC.1/Circ.1457.</li> </ul>				
<p>UK/3.35</p> <p>Fire doors on high speed craft</p> <p>Row 1 of 1</p> <p>Note: Fire door control system components are subject to conformity assessment according to item UK/3.17.</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				
<p>UK/3.36</p> <p>Fire dampers on high speed craft</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				





<p>UK/3.37a</p> <p>Penetrations through fire resisting divisions on high speed craft:</p> <p>electric cable transits.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. X/3.</p> <hr/> <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 Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.37b</p> <p>Penetrations through fire resisting divisions on high speed craft:</p> <p>pipe, duct, trunk etc. penetrations.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. X/3.</p> <hr/> <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 Res.MSC.307(88)-(2010 FTP Code), as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.38</p> <p>Portable fire-extinguishing equipment for lifeboats and rescue boats</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. III/4,</p> <p>— SOLAS 74 Reg. X/3.</p>	<p>— EN 3-7:2004 incl. A1: 2007</p> <p>— EN 3-8: 2006 incl. AC:2007</p> <p>— EN 3-9:2006 incl. AC: 2007</p> <p>— EN 3-10:2009.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.A.951(23),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) I,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) V,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8.</li> </ul>				
<p>UK/3.39</p> <p>Nozzles for equivalent water-mist fire extinguishing systems for machinery spaces and cargo pump rooms</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	<p>— IMO MSC/Circ.1165, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7,</li> <li>— IMO MSC.1/Circ.1313,</li> <li>— IMO MSC.1/Circ.1458.</li> </ul>				



<p>UK/3.40 Low-location lighting systems (components only)</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.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 11.</li> </ul>	<ul style="list-style-type: none"> <li>—IMO Res.A.752(18),</li> <li>— ISO 15370:2010.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>25.8.2024</p> <p>(II)</p>
<p>UK/3.40 Low-location lighting systems (components only)</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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 11.</li> </ul>	<ul style="list-style-type: none"> <li>—IMO Res.A.752(18),</li> <li>— ISO 15370:2021.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	
<p>UK/3.41a Emergency escape breathing devices (EEBD):</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 23269-1:2008,</li> <li>— EN 402:2003.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



<p>— Self-contained open-circuit compressed air breathing apparatus with full mask or mouthed piece assembly for escape</p> <p>Row 1 of 1</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3,</li> <li>— IMO MSC/Circ.849.</li> </ul>				
<p>UK/3.41b</p> <p>Emergency escape breathing devices (EEBD):</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 23269-1:2008,</li> <li>— EN 1146:2005.</li> </ul>	<p>B+D</p>		
<p>— Self-contained open-circuit compressed air breathing apparatus with a hood for escape</p> <p>Row 1 of 1</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3,</li> <li>— IMO MSC/Circ.849.</li> </ul>		<p>B+E</p> <p>B+F</p>		
<p>UK/3.41c</p> <p>Emergency escape breathing devices (EEBD):</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 23269-1:2008,</li> <li>— EN 13794:2002</li> </ul>	<p>B+D</p>		
<p>— Self-contained open-circuit compressed air breathing apparatus</p> <p>Row 1 of 1</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/13,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3,</li> <li>— IMO MSC/Circ.849.</li> </ul>		<p>B+E</p> <p>B+F</p>		



<p>UK/3.42a</p> <p>Inert gas systems:</p> <p>Whole system.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— IMO Res.A.567(14),</p> <p>— IMO Res.MSC.98(73)-(FSS Code) 15,</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>— IMO MSC/Circ.353, as amended.</p>	<p>G</p>	<p>12.8.2020</p>	
<p>UK/3.42b</p> <p>Inert gas system:</p> <p>— Single components:</p> <p>— inert gas scrubbers</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/4.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/4,</p> <p>— IMO Res.A.567(14),</p> <p>— IMO Res.MSC.98(73)-(FSS Code) 15,</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>— IMO MSC/Circ.353, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



<p>UK/3.42c</p> <p>Inert gas system:</p> <ul style="list-style-type: none"> <li>— Single components: <ul style="list-style-type: none"> <li>— inert gas blowers</li> </ul> </li> </ul> <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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.A.567(14),</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— IMO MSC/Circ.353,</li> <li>— IMO MSC/Circ.485,</li> <li>— IMO MSC/Circ.731,</li> <li>— IMO MSC/Circ.1120.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.353, as amended.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.43</p> <p>Nozzles for deep fat cooking equipment fire extinguishing systems (automatic or manual type).</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.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/1,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/1,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC.1/Circ.1433.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 15371:2009.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>15.11.2018</p> <p>(III)</p>



<p>UK/3.43</p> <p>Nozzles for deep fat cooking equipment fire extinguishing systems (automatic or manual type).</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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/1,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/1,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO MSC.1/Circ.1433.</li> </ul>	<p>— ISO 15371:2015.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	
<p>UK/3.44</p> <p>Fire-fighters outfit - lifeline</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.98(73)-(FSS Code) 3, as amended,</li> <li>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>3.9.2022</p> <p>(II)</p>



<p>UK/3.44</p> <p>Fire-fighters outfit – lifeline</p> <p>Lifelines for breathing apparatus approved under item UK/3.7 and item UK/7.1</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.98(73)-(FSS Code) 3, as amended,</li> <li>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended,</li> <li>— ISO 23269-2:2011.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	
<p>UK/3.45</p> <p>Equivalent fixed gas fire extinguishing systems components (extinguishing medium, head valves and nozzles) for machinery spaces and cargo pump rooms</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 5.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 5,</li> <li>— IMO MSC/Circ.848,</li> <li>— IMO MSC.1/Circ.1313.</li> </ul>	<p>— IMO MSC/Circ.848, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		





<p>UK/3.46</p> <p>Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 5.</li> </ul>	<p>— IMO MSC/Circ.1270 incl. Corr.1, as amended.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 5,</li> <li>— IMO MSC/Circ.1270 incl. Corr.1,</li> <li>— IMO MSC.1/Circ.1313.</li> </ul>					
<p>UK/3.47</p> <p>Concentrate for fixed high expansion foam fire extinguishing systems for machinery spaces and cargo pump rooms.</p> <p>Note: The fixed high expansion foam fire extinguishing system (including those systems which use inside air from their working spaces for their intended performance), for machinery spaces and cargo pump rooms must still be tested with the approved concentrate to the satisfaction of the Administration.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10.</li> </ul>	<p>— IMO MSC/Circ.670.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 6.</li> </ul>					



<p>UK/3.48</p> <p>Fixed water based local application fire- fighting systems components for use in category A machinery spaces</p> <p>(Nozzles and performance tests).</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>	<p>— IMO MSC.1/Circ.1387.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.49a</p> <p>Fixed water-based fire-fighting systems for ro-ro spaces, vehicle spaces and special category spaces:</p> <p>Prescriptive-based systems as per IMO MSC.1/Circ.1430.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	<p>— IMO MSC.1/Circ.1430.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>1.1.2024</p> <p>(III)</p>



<p>UK/3.49a</p> <p>Fixed water-based fire-fighting systems for ro-ro spaces, vehicle spaces and special category spaces:</p> <p>Prescriptive-based systems as per IMO MSC.1/Circ.1430, Revision 1.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	<p>— IMO MSC.1/Circ.1430, Revision 1.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
<p>UK/3.49a</p> <p>Fixed water-based fire-fighting systems for ro-ro spaces, vehicle spaces and special category spaces:</p> <p>Prescriptive-based systems as per IMO MSC.1/Circ.1430, Revision 2.</p> <p>Row 3 of 3</p> <p>(NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	<p>IMO MSC.1/Circ.1430, Revision 2.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>01.07.2022</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>					



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>				
UK/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 3	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	— IMO MSC.1/Circ.1430.	B+D B+E B+F		1.1.2021 (III)
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>				



<p>UK/3.49b</p> <p>Fixed water-based firefighting systems for ro-ro spaces, vehicle spaces and special category spaces:</p> <p>Performance-based systems as per IMO MSC.1/Circ. 1430, Revision 1.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	<p>— IMO MSC.1/Circ.1430, Revision 1.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>					
<p>UK/3.49b</p> <p>Fixed water-based firefighting systems for ro-ro spaces, vehicle spaces and special category spaces:</p> <p>Performance-based systems as per IMO MSC.1/Circ. 1430, Revision 2.</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>	<p>— IMO MSC.1/Circ.1430, Revision 2.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>01.07.2022</p>	



Row 3 of 3	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul>				
UK/3.50, Protective clothing resistant to chemical attack, - item moved to UK/9/3.9.					
<p>UK/3.51a</p> <p>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>Control and indicating equipment</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.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242,</li> <li>— IMO MSC.1/Circ.1487.</li> </ul>	<p>Electrical installations in ships:</p> <ul style="list-style-type: none"> <li>— EN 54-2:1997 incl. AC:1999 and A1:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>1.1.2020</p> <p>(III)</p>



<p>UK/3.51a</p> <p>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>Control and indicating equipment</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.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<p>Electrical installations in ships:</p> <ul style="list-style-type: none"> <li>— EN 54-2:1997 incl. AC:1999 and A1:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242,</li> <li>— IMO MSC.1/Circ.1487,</li> <li>— IMO MSC.1/Circ.1528.</li> </ul>					
<p>UK/3.51a</p> <p>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> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<p>Electrical installations in ships:</p> <ul style="list-style-type: none"> <li>— EN 54-2:1997 incl. AC:1999 and A1:2006.</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>01.07.2022</p>	



<p>unattended machinery spaces: Control and indicating equipment</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.</p> <p>Row 3 of 3 (NEW ROW)</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res. MSC.302(87)</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242,</li> <li>— IMO MSC.1/Circ.1487,</li> <li>— IMO MSC.1/Circ.1528.</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 6923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or,</p> <ul style="list-style-type: none"> <li>— EN 54-2:1997 incl. AC:1999 and A1:2006.</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>			
<p>UK/3.51b</p> <p>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>Power supply equipment.</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.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D B+E B+F</p>	<p>16.3.2017</p>	<p>1.1.2020  (III)</p>





<p>UK/3.51b</p> <p>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>Power supply equipment.</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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242,</li> <li>— IMO MSC.1/Circ.1554.</li> </ul>	<p>— EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	
<p>UK/3.51c</p> <p>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> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<p>— EN 54-5:2000 incl. A1:2002.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>28.2.2020</p> <p>(III)</p>



<p>unattended machinery spaces: Heat detectors - Point detectors.</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.</p> <p>Row 1 of 3</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<p>— IEC 60533:2015.</p>			
<p>UK/3.51c</p> <p>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>Heat detectors - Point detectors.</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.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<p>— EN 54-5:2017.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D B+E B+F</p>	<p>19.6.2018</p>	<p>31.8.2022  (III)</p>
<p>UK/3.51c</p> <p>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> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<p>— EN 54-5:2017 incl. A1:2018.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> </ul>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	



<p>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 3 of 3</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<p>— IEC 60533:2015.</p>			
<p>UK/3.51d Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: Smoke detectors: Point detectors using scattered light, transmitted light or ionization. Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<p>— EN 54-7:2000 incl. A1:2002 and A2:2006. And, as applicable, electrical and electronic installations in ships: — IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011, — IEC60533:1999.</p>	<p>B+D B+E B+F</p>		<p>31.8.2022  (III)</p>



<p>UK/3.51d</p> <p>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>Smoke detectors: Point detectors using scattered light, transmitted light or ionization.</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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<p>— EN 54-7:2018.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	
<p>UK/3.51e</p> <p>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> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<p>— EN 54-10:2002 incl. A1:2005,</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>1.1.2020</p> <p>(III)</p>



<p>Flame detectors: Point detectors.</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.</p> <p>Row 1 of 2</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>				
<p>UK/3.51e</p> <p>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>Flame detectors: Point detectors.</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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-10:2002 incl. A1:2005,</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>					



<p>UK/3.51f</p> <p>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>Manual call points.</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.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-11:2001 incl. A1:2005.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>1.1.2020</p> <p>(III)</p>
<p>UK/3.51f</p> <p>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> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-11:2001 incl. A1:2005.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	



<p>Manual call points.</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.</p> <p>Row 2 of 2</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>				
<p>UK/3.51g</p> <p>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>Short circuit isolators.</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.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-17:2005 incl. AC:2007.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>1.1.2020</p> <p>(III)</p>



<p>UK/3.51g</p> <p>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>Short circuit isolators.</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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<p>— EN 54-17:2005 incl. AC:2007.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	
<p>UK/3.51h</p> <p>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> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<p>— EN 54-18:2005 incl. AC:2007.</p> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>1.1.2020</p> <p>(III)</p>





<p>Input/output devices.</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.</p> <p>Row 1 of 2</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>				
<p>UK/3.51h</p> <p>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>Input/output devices.</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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-18:2005 incl. AC:2007.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	



<p>UK/3.51i</p> <p>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>Cables.</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.</p> <p>Row 1 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60332-1-2:2004,</li> <li>— IEC 60092-376:2003.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>22.5.2020</p> <p>(III)</p>
<p>UK/3.51i</p> <p>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> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60332-1-2:2004 incl. A1:2015,</li> <li>— IEC 60092-376:2017.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	<p>28.3.2021</p> <p>(III)</p>



<p>Cables.</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.</p> <p>Row 2 of 4</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 60533:2015,</li> <li>— IEC 60332-1-2:2004 incl. A1:2015.</li> </ul> <p>And/or:</p> <p>Fire Resistant Cables:</p> <ul style="list-style-type: none"> <li>— IEC 60092-376:2017,</li> <li>— IEC 60331-1:2009 or IEC 60331-2:2009.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015,</li> <li>— IEC 60332-1-2:2004 incl. A1:2015.</li> </ul>			
<p>UK/3.51i</p> <p>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>Cables.</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60332-1-2:2004 incl. A1:2015 and A11:2016,</li> <li>— IEC 60092-376:2017.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</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.</p> <p>Row 3 of 4</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 60332-1-2:2004 incl. A1:2015.</li> </ul> <p>And/or:</p> <p>Fire Resistant Cables:</p> <ul style="list-style-type: none"> <li>— IEC 60092-376:2017,</li> <li>— IEC 60331-1:2018 or IEC 60331-2:2018.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015,</li> <li>— IEC 60332-1-2:2004 incl. A1:2015.</li> </ul>			
<p>UK/3.51i</p> <p>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>Cables.</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.</p> <p>Row 4 of 4</p> <p>(NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60332-1-2:2004 incl. A1:2015, A11:2016 and A12:2020</li> <li>— IEC 60092-376:2017.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>01.07.2022</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ.1242.</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 60332-1-2:2004 incl. A1:2015, A11:2016 and A12:2020.</li> </ul> <p>And/or:</p> <p>Fire Resistant Cables:</p> <ul style="list-style-type: none"> <li>— IEC 60092-376:2017,</li> <li>— IEC 60331-1:2018 or IEC 60331-2:2018.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p>			



		<ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015,</li> <li>— IEC 60332-1-2:2004 incl. A1:2015.</li> </ul>			
UK/3.52 Non-portable and transportable fire extinguishers Row 1 of 2	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— EN1866-1:2007,</li> <li>— EN1866-2:2014.</li> </ul> Or: <ul style="list-style-type: none"> <li>— EN1866-1:2007,</li> <li>— EN1866-3:2013.</li> </ul>	B+D B+E B+F		1.7.2020 (III)
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>	Or: <ul style="list-style-type: none"> <li>— ISO 11601:2008.</li> </ul>			
UK/3.52 Non-portable and transportable fire extinguishers Row 2 of 2	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— EN1866-1:2007,</li> <li>— EN1866-2:2014.</li> </ul> Or: <ul style="list-style-type: none"> <li>— EN1866-1:2007,</li> </ul>	B+D B+E B+F	13.9.2019	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>	<ul style="list-style-type: none"> <li>— EN1866-3:2013.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 11601:2017.</li> </ul>			
<p>UK/3.53</p> <p>Fire alarm devices - Sounders</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> <li>— IMO MSC.1/Circ.1242,</li> <li>— IMO MSC.1/Circ.1487.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-3:2014,</li> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>12.8.2023</p> <p>(III)</p>



<p>UK/3.53</p> <p>Fire alarm devices – Sounders</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 9.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 54-3:2014 incl. A1:2019,</li> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
<p>UK/3.54a</p> <p>Fixed oxygen analysis and gas detection equipment</p> <ul style="list-style-type: none"> <li>— Category 4: (safe area)</li> </ul> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 50104:2010,</li> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>For combined O<sub>2</sub>/HC systems, additionally:</p> <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1370.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	<p>25.8.2024 (III)</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— for combined O<sub>2</sub>/HC systems additionally:</li> </ul>					



	IMO MSC.1/Circ.1370.				
UK/3.54a Fixed oxygen analysis and gas detection equipment — Category 4: (safe area)  Row 2 of 2	Type approval requirements — SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. VI/3.  Carriage and performance requirements — SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. VI/3, — IMO Res.MSC.98(73)-(FSS Code) 15,  — for combined O <sub>2</sub> /HC systems additionally:  — IMO MSC.1/Circ.1370.	— EN 50104:2019, — IEC 60092-504:2016, — IEC 60533:2015.  For combined O <sub>2</sub> /HC systems, additionally: — IMO MSC.1/Circ.1370.	B+D B+E B+F	25.8.2021	
UK/3.54b Fixed oxygen analysis and gas detection equipment — Category 3: (explosive gas atmospheres)  Row 1 of 4	Type approval requirements — SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. VI/3.  Carriage and performance requirements — SOLAS 74 Reg. II-2/4, — SOLAS 74 Reg. VI/3,	— EN 50104:2010, — EN 60079-0:2012 incl. A11:2013, — EN 60079-29-1:2007 — IEC 60092-504:2016 — IEC 60533:2015.  For combined O <sub>2</sub> /HC systems, additionally: — IMO MSC.1/Circ.1370.	B+D B+E B+F	16.3.2017	3.6.2020 (III)





	<ul style="list-style-type: none"> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— for combined O<sub>2</sub>/HC systems additionally:</li> <li>— IMO MSC.1/Circ.1370.</li> </ul>				
UK/3.54b Fixed oxygen analysis and gas detection equipment <ul style="list-style-type: none"> <li>— Category 3: (explosive gas atmospheres)</li> </ul> Row 2 of 4	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 50104:2010,</li> <li>— EN 60079-0:2012 incl. A11:2013,</li> <li>— EN 60079-29-1:2016</li> <li>— IEC 60092-504:2016</li> <li>— IEC 60533:2015.</li> </ul>	B+D B+E B+F	19.6.2018	12.8.2023 (III)
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— for combined O<sub>2</sub>/HC systems additionally:</li> <li>— IMO MSC.1/Circ.1370.</li> </ul>	For combined O <sub>2</sub> /HC systems, additionally: <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1370.</li> </ul>			
UK/3.54b Fixed oxygen analysis and gas detection equipment <ul style="list-style-type: none"> <li>— Category 3: (explosive gas atmospheres)</li> </ul> Row 3 of 4	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 50104:2010,</li> <li>— EN 60079-0:2018,</li> <li>— EN 60079-29-1:2016</li> <li>— IEC 60092-504:2016</li> <li>— IEC 60533:2015.</li> </ul>	B+D B+E B+F	12.8.2020	25.8.2024
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> </ul>	For combined O <sub>2</sub> /HC systems, additionally: <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1370.</li> </ul>			



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— for combined O<sub>2</sub>/HC systems additionally:</li> <li>— IMO MSC.1/Circ.1370.</li> </ul>				
UK/3.54b Fixed oxygen analysis and gas detection equipment <ul style="list-style-type: none"> <li>— Category 3: (explosive gas atmospheres)</li> </ul> Row 4 of 4	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3.</li> </ul> Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— SOLAS 74 Reg. VI/3,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 15,</li> <li>— for combined O<sub>2</sub>/HC systems additionally:</li> <li>— IMO MSC.1/Circ.1370.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 50104:2019,</li> <li>— EN 60079-0:2018 incl. AC:2020,</li> <li>— EN 60079-29-1:2016</li> <li>— IEC 60092-504:2016</li> <li>— IEC 60533:2015.</li> </ul> For combined O <sub>2</sub> /HC systems, additionally: <ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1370.</li> </ul>	B+D B+E B+F	25.8.2021	

UK/3.55a Dual purpose type nozzles (spray/jet type):	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 15182-1:2007 incl. A1:2009,</li> <li>— EN 15182-2:2007 incl. A1:2009.</li> </ul>	B+D B+E B+F		12.8.2023 (III)
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<p>— Hand-held branch pipes for fire service use – Combination branch pipes PN 16</p> <p>Row 1 of 2</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>UK/3.55a</p> <p>Dual purpose type nozzles (spray/jet type)</p> <p>— Hand-held branch pipes for fire service use – Combination branch pipes PN 16</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p> <hr/> <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>— EN 15182-1:2019,</p> <p>— EN 15182-2:2019.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
<p>UK/3.55b</p> <p>Dual purpose type nozzles</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p>	<p>— EN 15182-1:2007 incl. A1:2009,</p> <p>— EN 15182-3:2007 incl. A1:2009.</p>	<p>B+D</p> <p>B+E</p>		<p>12.8.2023</p> <p>(III)</p>



<p>(spray/jet type)</p> <p>— Hand-held branch pipes for fire service use – Smooth bore jet and/or one fixed spray jet angle branch pipes PN 16</p> <p>Row 1 of 2</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>		B+F		
<p>UK/3.55b</p> <p>Dual purpose type nozzles</p> <p>(spray/jet type)</p> <p>— Hand-held branch pipes for fire service use – Smooth bore jet and/or one fixed spray jet angle branch pipes PN 16</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p> <hr/> <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>— EN 15182-1:2019,</p> <p>— EN 15182-3:2019.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	12.8.2020	
<p>UK/3.56</p> <p>Fixed firefighting hose systems</p> <p>Hose reels with semi-rigid hose</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/10,</p> <p>— SOLAS 74 Reg. X/3.</p>	<p>— EN 671-1:2012.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



Row 1 of 1	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>				
<p>UK/3.57</p> <p>Medium Expansion Foam Fire Extinguishing Systems components - Fixed Deck Foam for Tankers</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10.8.1,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 14,</li> <li>— IMO MSC/Circ.1239,</li> <li>— IMO MSC.1/Circ.1276.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.798.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.58</p> <p>Fixed Low Expansion Foam Fire Extinguishing Systems Components for Machinery Spaces and Tanker Deck Protection</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 6,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 14,</li> <li>— IMO MSC/Circ.1239,</li> <li>— IMO MSC.1/Circ.1276.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1312,</li> <li>— IMO MSC.1/Circ.1312/Corr.1.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		



<p>UK/3.59</p> <p>Expansion Foam for Fixed Fire Extinguishing Systems for Chemical Tankers</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/1,</li> <li>— IMO Res.MSC.4(48)-(IBC Code) 11.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.4(48)-(IBC Code) 11,</li> <li>— IMO MSC/Circ.553.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1312,</li> <li>— IMO MSC.1/Circ.1312/Corr.1.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.60</p> <p>Nozzles for fixed pressure water-spraying fire-extinguishing systems for cabin balconies</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 7,</li> <li>— IMO MSC.1/Circ.1313.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1268.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.61a</p> <p>Inside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1384.</li> </ul>	<p>B+D</p> <p>B+E</p>		



<p>spaces, special category spaces and cargo spaces</p> <p>Note: Inside/Outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces shall be tested with the approved concentrate to the satisfaction of the Administration.</p> <p>Row 1 of 1</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 6,</li> <li>— IMO MSC.1/Circ.1528.</li> </ul>		B+F		
<p>UK/3.61b</p> <p>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</p> <p>Note: Inside/Outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and ro-ro spaces, special category spaces and cargo spaces shall be tested with the approved concentrate to the satisfaction of the Administration.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10.</li> </ul>	<p>— IMO MSC.1/Circ.1384.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 6,</li> <li>— IMO MSC.1/Circ.1528.</li> </ul>					
<p>UK/3.62</p> <p>Dry chemical powder extinguishing systems</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/1.</li> </ul>	<p>— IMO MSC.1/Circ.1315.</p>	<p>B+D</p> <p>B+E</p>		



Row 1 of 1	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/1.</li> <li>— IMO Res.MSC.5(48)-(IGC Code) 11,</li> <li>— IMO Res.MSC.391(95)-(IGF Code) 11,</li> <li>— IMO MSC.1/Circ. 1617 (new provision).</li> </ul>		B+F		
<p>UK/3.63a</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Control and indicating equipment. Electrical installations in ships.</li> </ul> <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.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> <li>— EN 54-2:1997 incl. AC:1999 and A1:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN 60079-0:2012 incl. A11:2013.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	<p>12.8.2023</p> <p>(III)</p>





<p>UK/3.63a</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Control and indicating equipment. Electrical installations in ships.</li> </ul> <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.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> <li>— EN 54-2:1997 incl. AC:1999 and A1:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2018.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	<p>25.8.2024</p> <p>(III)</p>
<p>UK/3.63a</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Control and indicating equipment. Electrical installations in ships.</li> </ul> <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.</p> <p>Row 3 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> <li>— EN 54-2:1997 incl. AC:1999 and A1:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2018 incl. AC:2020</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	



<p>UK/3.63b</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Power supply equipment</li> </ul> <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.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.98(73)-(FSS Code) 10,</li> <li>— EN 54-4:1997 inc. AC:1999, A1:2002 and A2:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2012 incl. A11:2013</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	<p>12.8.2023</p> <p>(III)</p>
<p>UK/3.63b</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Power supply equipment</li> </ul> <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.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.98(73)-(FSS Code) 10,</li> <li>— EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2018.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	<p>25.8.2024</p> <p>(III)</p>



<p>UK/3.63b</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Power supply equipment</li> </ul> <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.</p> <p>Row 3 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.98(73)-(FSS Code) 10,</li> <li>— EN 54-4:1997 inc. AC:1999, A1:2002 and A2:2006.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2018 <b>incl. AC:2020.</b></li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	
<p>UK/3.63c</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Aspiring smoke detectors</li> </ul> <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.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.98(73)-(FSS Code) 10,</li> <li>— EN 54-20:2006 incl. AC:2008.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2012 incl. A11:2013.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	<p>12.8.2023 (III)</p>



<p>UK/3.63c</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Aspiring smoke detectors</li> </ul> <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.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.98(73)-(FSS Code) 10,</li> <li>— EN 54-20:2006 incl. AC:2008.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2018.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	<p>25.8.2024</p> <p>(III)</p>
<p>UK/3.63c</p> <p>Sample extraction smoke detection systems components</p> <ul style="list-style-type: none"> <li>— Aspiring smoke detectors</li> </ul> <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.</p> <p>Row 3 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/7,</li> <li>— SOLAS 74 Reg. II-2/19,</li> <li>— SOLAS 74 Reg. II-2/20,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res. MSC.98(73)-(FSS Code) 10,</li> <li>— EN 54-20:2006 incl. AC:2008.</li> </ul> <p>And, as applicable, electrical and electronic installations in ships:</p> <ul style="list-style-type: none"> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul> <p>And, as applicable for explosive atmospheres:</p> <ul style="list-style-type: none"> <li>— EN IEC 60079-0:2018 <b>incl. AC:2020.</b></li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	
<p>UK/3.64</p> <p>C class divisions</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3.10.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO Res.MSC.307(88)-(2010 FTP Code), as amended.</li> </ul>	<p>B+D</p> <p>B+E</p>		



Row 1 of 1	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/3.10,</li> <li>— SOLAS 74 Reg. II-2/3.33,</li> <li>— SOLAS 74 Reg. II-2/9,</li> <li>— IMO MSC/Circ.1120.</li> </ul>		B+F		
UK/3.65 Fixed hydrocarbon gas detection system Row 1 of 3	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1370,</li> <li>— EN 60079-0:2012 incl. A11:2013,</li> <li>— EN 60079-29-1:2016,</li> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	B+D B+E B+F	19.6.2018	12.8.2023 (III)
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 16,</li> <li>— IMO MSC.1/Circ.1370,</li> <li>— IMO MSC.1/Circ.1527.</li> </ul>				
UK/3.65 Fixed hydrocarbon gas detection system Row 2 of 3	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1370,</li> <li>— EN IEC 60079-0:2018,</li> <li>— EN 60079-29-1:2016,</li> <li>— IEC 60092-504:2016,</li> <li>— IEC 60533:2015.</li> </ul>	B+D B+E B+F	12.8.2020	25.8.2024 (III)
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/4,</li> <li>— IMO Res.MSC.98(73)-(FSS Code) 16,</li> <li>— IMO MSC.1/Circ.1370,</li> <li>— IMO MSC.1/Circ.1527.</li> </ul>				



UK/3.65 Fixed hydrocarbon gas detection system Row 3 of 3	Type approval requirements — SOLAS 74 Reg. II-2/4.	— IMO MSC.1/Circ.1370, — EN IEC 60079-0:2018 incl. AC:2020 — EN 60079-29-1:2016, — IEC 60092-504:2016, — IEC 60533:2015.	B+D B+E B+F	25.8.2021	
	Carriage and performance requirements — SOLAS 74 Reg. II-2/4, — IMO Res.MSC.98(73)-(FSS Code) 16, — IMO MSC.1/Circ.1370, — IMO MSC.1/Circ.1527.				
UK/3.66 Evacuation guidance systems used as an alternative to low-location lighting systems Row 1 of 1	Type approval requirements — SOLAS 74 Reg. II-2/13.	— IMO MSC.1/Circ.1168.	B+D B+E B+F		
	Carriage and performance requirements — SOLAS 74 Reg. II-2/13, — IMO MSC.1/Circ.1168.				
UK/3.67 Helicopter facility foam fire-fighting appliances Row 1 of 2	Type approval requirements — SOLAS 74 Reg. II-2/18.	— EN 13565-1:2003 incl. A1:2007.	B+D B+E B+F	16.3.2017	12.8.2023 (II)
	Carriage and performance requirements — SOLAS 74 Reg. II-2/18, — IMO MSC.1/Circ.1431.				



<p>UK/3.67</p> <p>Helicopter facility foam fire-fighting appliances</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/18.</p>	<p>— EN 13565-1:2019.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	
<p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/18,</p> <p>— IMO Res.MSC.98(73)-(FSS Code) 17.</p>					
<p>UK/3.68</p> <p>Galley Exhaust Duct Fixed Fire Extinguishing Systems components</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.</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. II-2/9.</p>	<p>— ISO 15371:2015.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	
<p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. II-2/9.</p>					
<p>UK/3.69</p> <p>Mobile water monitor for ships constructed on or after 1 January 2016 designed to carry five or more tiers of containers on or above the weather deck</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg.II-2/10.</p>	<p>— IMO MSC.1/Circ.1472.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg.II-2/10,</p> <p>— SOLAS 74 Reg.II-2/19,</p> <p>— IMO MSC.1/Circ.1472,</p> <p>— IMO MSC.1/Circ.1550.</p>					



<p>UK/3.69</p> <p>Mobile water monitor for ships constructed on or after 1 January 2016 designed to carry five or more tiers of containers on or above the weather deck</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg.II-2/10.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg.II-2/10,</p> <p>— SOLAS 74 Reg.II-2/19,</p> <p>— IMO Res.MSC.98(73)-(FSS Code) 12,</p> <p>— IMO MSC.1/Circ.1472,</p> <p>— IMO MSC.1/Circ.1550.</p>	<p>— IMO MSC.1/Circ.1472.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
<p>UK/3.70</p> <p>Fire-fighting hoses (Semi-rigid hoses for fixed systems)</p> <p>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> <hr/> <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>— EN 694:2014.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		





<p>UK/3.71</p> <p>Fixed firefighting hose systems</p> <p>— Hose systems with lay-flat hose</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<p>— EN 671-2:2012.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/10,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 7,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 7.</li> </ul>					



#### 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
UK/4.1 Magnetic compass Class A for ships Note: IMO Res.MSC.302(87) only applies when the equipment can raise and electronically send (an) alert(s) to a third piece of equipment. Row 1 of 2	Type approval requirements — SOLAS 74 Reg. V/18, — SOLAS 74 Reg. X/3, Carriage and performance requirements — SOLAS 74 Reg. V/19, — IMO Res.A.382(X), — IMO Res.A.694(17), — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13, — IMO Res.MSC.302(87).	— ISO 1069:1973, — ISO 25862:2009, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: — ISO 1069:1973, — ISO 25862:2009, — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008. Note: And where IMO Res.MSC.302(87) is applicable: — EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018.	B+D B+E B+F G	13.9.2019	12.8.2023 (I)



		<p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 61162 series:</li> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul> <p>End of Note on IMO Res.MSC.302(87)</p>			
<p>UK/4.1</p> <p>Magnetic compass</p> <p>Class A for ships</p> <p>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.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.382(X),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code)</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 1069:1973,</li> <li>— ISO 25862:2019,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 1069:1973,</li> <li>— ISO 25862:2019,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul> <p>Note: And where IMO Res.MSC.302(87) is applicable:</p> <ul style="list-style-type: none"> <li>— EN 61162 series:</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>12.8.2020</p>	



	<p>13, — IMO Res.MSC.302(87).</p>	<p>EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018. Or: — IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, — IEC62923-1:2018, — IEC62923-2:2018. End of Note on IMO Res.MSC.302(87)</p>			
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<p>UK/4.2</p> <p>Transmitting heading device THD (magnetic method)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. V/19,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 22090-2:2014,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.116(73),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> <li>Or: <ul style="list-style-type: none"> <li>— ISO 22090-2:2014,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> </ul> </li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> </li> </ul>			



<p>UK/4.3 Gyro compass Row 1 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. V/18.</p>	<p>— ISO 8728:2014, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p>	<p>B+D B+E</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. V/19, — IMO Res.A.424(XI), — IMO Res.A.694(17), — IMO Res.MSC.191(79), — IMO Res.MSC.302(87).</p>	<p>— 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, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018. Or: — ISO 8728:2014, — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, — IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, — IEC 62288 Ed. 2.0:2014-07,</p>	<p>B+F G</p>		



		<ul style="list-style-type: none"> <li>— IEC62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
UK/4.3 Gyro compass Moved to UK/4.65 Row 2 of 2	Type approval requirements  For new certificates refer to item UK/4.65	Testing Standards  For new certificates refer to item UK/4.65	For new certificates refer to item UK/4.65	25.8.2021	
	Carriage and performance requirements  For new certificates refer to item UK/4.65				
UK/4.4, Radar equipment – item moved to UK/4.34, UK/4.35 and UK/4.36.					
UK/4.5, Automatic radar plotting aid (ARPA) – item moved to UK/4.34.					
UK/4.6 Echo-sounding equipment Row 1 of 1	Type approval requirements  <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN ISO 9875:2001 incl. ISO Technical Corr. 1:2006,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998</li> </ul>	B+D  B+E  B+F  G	13.9.2019	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.224(VII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.74(69) Annex 4,</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<p>EN 61162-3:2008 +A1:2010+A2:2014</p> <p>EN IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 9875:2000 incl. ISO Technical Corr. 1:2006,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series:</li> </ul> <p>IEC 61162-1:2016</p> <p>IEC 61162-2 Ed.1.0:1998-09</p> <p>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</p> <p>IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
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<p>UK/4.7</p> <p>Speed and distance measuring equipment (SDME)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61023:2007,</li> <li>— EN 61162 series: EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.824(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61023:2007,</li> <li>— IEC 61162 series: IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>				



UK/4.8, Rudder angle, rpm, pitch indicator – item moved to UK/4.20, UK/4.21 and UK/4.22.					
UK/4.9	Type approval requirements	— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,	B+D	13.9.2019	
Rate-of-turn indicator	— SOLAS 74 Reg. V/18,	— EN 61162 series:	B+E		
Row 1 of 1	— SOLAS 74 Reg. X/3,	EN 61162-1:2016	B+F		
	— IMO Res.MSC.36(63)-(1994 HSC Code) 13,	EN 61162-2:1998	G		
	— IMO Res.MSC.97(73)-(2000 HSC Code) 13.	EN 61162-3:2008 +A1:2010+A2:2014			
		EN IEC 61162-450:2018,			
		— ISO 20672:2007 incl. Corr. 1:2008,			
	Carriage and performance requirements	— EN 62288:2014,			
	— SOLAS 74 Reg. V/19,	— EN IEC 62923-1:2018,			
	— IMO Res.A.526(13),	— EN IEC 62923-2:2018.			
	— IMO Res.A.694(17),	Or:			
	— 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,			
		— ISO 20672:2007 incl Corr 1:2008,			
		— IEC 62288 Ed. 2.0:2014-07,			
		— IEC 62923-1:2018,			
		— IEC 62923-2:2018.			



Item UK/4.10, Direction finder, - Item deliberately left blank

Item UK/4.11, Loran equipment, - Item deliberately left blank.

Item UK/4.12, Chaika equipment, - Item deliberately left blank.

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



<p>UK/4.14</p> <p>GPS equipment</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61108-1:2003,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.112(73),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> <li>Or:</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61108-1 Ed. 2.0: 2003,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> </ul> </li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018,</li> </ul>			



<p>UK/4.14 GPS Equipment Moved to UK/4.63. Row 2 of 2</p>	<p>Type approval requirements For new certificates refer to item UK/4.63</p>	<p>Testing Standards For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>25.8.2021</p>	
<p>UK/4.15 GLONASS equipment Row 1 of 2</p>	<p>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.</p>	<p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — EN 61108-2:1998, — 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, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018. Or: — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, — IEC 61108-2 Ed. 1.0:1998, — IEC 61162 series:</p>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>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.113(73),</p>				



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<p>IEC 61162-1:2016</p> <p>IEC 61162-2 Ed.1.0:1998-09</p> <p>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</p> <p>IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/4.15</p> <p>GLONASS equipment</p> <p>Moved to UK/4.63.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>For new certificates refer to item UK/4.63</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements</p> <p>For new certificates refer to item UK/4.63</p>				
<p>UK/4.16</p> <p>Heading control system (HCS)</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 11674:2006,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	<p>27.11.2022</p> <p>(I)</p>



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.342(IX),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.64(67) Annex 3,</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 11674:2006,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>	G		
<p>UK/4.16 Heading control system (HCS)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 11674:2019,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> </ul>	<p>B+D B+E</p>	12.8.2020	



Row 2 of 2	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.342(IX),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.64(67) Annex 3,</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 11674:2019,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> </ul> </li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>	B+F G		
Item UK/4.17, Mechanical pilot hoist, - moved to UK/4.48					





<p>UK/4.18</p> <p>Search and rescue locating devices (SRLD):</p> <p>9 GHz SAR transponder (SART)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61097-1:2007.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-1: 2007.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>		
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/6,</li> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— IMO Res.A.530(13),</li> <li>— IMO Res.A.802(19),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— ITU-R M.628-5 (03/2012).</li> </ul>					
<p>Item UK/4.19, Radar equipment for high speed craft, - moved to UK /4.37.</p>					



<p>UK/4.20 Rudder angle indicator Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018,</li> <li>— ISO 20673:2007.</li> <li>Or:</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018,</li> <li>— ISO 20673:2007.</li> </ul>			



<p>UK/4.21 Propeller revolution indicator Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018,</li> <li>— ISO 22554:2015.</li> <li>Or:</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018,</li> <li>— ISO 22554:2015.</li> </ul>			



<p>UK/4.22 Pitch indicator Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018,</li> <li>— ISO 22555:2007.</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018,</li> <li>— ISO 22555:2007.</li> </ul>			



<p>UK/4.23 Magnetic compass: - Class B for lifeboats and rescue boats</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code)13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 1069:1973,</li> <li>— ISO 25862:2009,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	<p>B+D B+E B+F G</p>		<p>12.8.2023 (II)</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) V,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>					



<p>UK/4.23 Magnetic compass</p> <ul style="list-style-type: none"> <li>- Class B for lifeboats and rescue boats</li> </ul> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 1069:1973,</li> <li>— ISO 25862:2009,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	<p>B+D B+E B+F G</p>	<p>12.8.2020</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/34,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) IV,</li> <li>— IMO Res.MSC.48(66)-(LSA Code) V,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>					
<p>Item UK/4.24, Automatic radar plotting aid (ARPA) for high speed craft, - moved to UK/4.37.</p>					
<p>Item UK/4.25, Automatic tracking aid (ATA), - moved to UK/4.35.</p>					
<p>Item UK/4.26, Automatic tracking aid (ATA) for high speed craft, - moved to UK/4.38.</p>					
<p>Item UK/4.27, Electronic plotting aid, - moved to UK/4.36.</p>					
<p>Item UK/4.28, Integrated bridge system, - moved to UK/4.30.</p>					



<p>UK/4.29 Voyage data recorder (VDR) Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	<p>30.06.2022</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/20,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO Res.MSC.333(90).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 61996-1:2013 incl. IEC 61996-1 Corr. 1:2014,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61996-1 Ed. 2.0: 2013-05 incl. IEC 61996-1 Corr. 1:2014,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>				



<p>UK/4.29  Voyage data recorder (VDR)  Row 2 of 2    (NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:  EN 61162-1:2016  EN 61162-2:1998  EN 61162-3:2008 +A1:2010+A2:2014  EN IEC 61162-450:2018,</li> <li>— EN 61996-1:2013+A1:2021</li> </ul>	<p>B+D    B+E    B+F  G</p>	<p>01.07.2022</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/20,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO Res.MSC.333(90).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,-</li> <li>— IEC 61996-1 Ed. 2.0:2014+A1:2021</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			





<p>UK/4.30</p> <p>Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS)</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. V/27,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 61174:2015,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2018</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.232(82),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1503. Rev.1.</li> </ul> <p>[ECDIS back-up and RCDS are only applicable when this functionality is included in the ECDIS. The module B certificate shall indicate whether these options were tested].</p>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61174 Ed. 4.0: 2015,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>				



<p>UK/4.30</p> <p>Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS)</p> <p>Row 2 of 2 (NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>- SOLAS 74 Reg. V/18,</li> <li>- SOLAS 74 Reg. V/27,</li> <li>- SOLAS 74 Reg. X/3,</li> <li>- IMO Res. MSC.36(63)-(1994 HSC Code) 13,</li> <li>- IMO Res. MSC.97(73)-(2000 HSC Code) 13</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>01.07.2022</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.232(82),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1503. Rev.1.</li> </ul> <p>[ECDIS back-up and RCDS are only applicable when this functionality is included in the ECDIS. The module B certificate shall indicate whether these options were tested].</p>	<ul style="list-style-type: none"> <li>— EN 61174:2015,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Note: Annex S (normative of EN 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021.</p> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61174 Ed. 4.0: 2015,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> </ul>			



		<p>— IEC62923-2:2018.</p> <p>Note: Annex S (normative of EN 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021.</p>			
<p>UK/4.31</p> <p>Gyro compass for high-speed craft</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. X/3,</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</p>	<p>— ISO 16328:2014,</p> <p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— EN 61162 series:</p> <p>EN 61162-1:2016</p> <p>EN 61162-2:1998</p> <p>EN 61162-3:2008 +A1:2010+A2:2014</p> <p>EN IEC 61162-450:2018,</p> <p>— EN 62288:2014,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018.</p> <p>Or:</p> <p>— ISO 16328:2014,</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2018</p>	
	<p>Carriage and performance requirements</p> <p>— IMO Res.A.694(17),</p> <p>— IMO Res.A.821(19),</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</p> <p>— IMO Res.MSC.191(79),</p> <p>— IMO Res.MSC.302(87),</p>				



	— IMOMSC.1/Circ.1349.	<ul style="list-style-type: none"> <li>— IEC 61162 series:</li> <li style="padding-left: 20px;">IEC 61162-1:2016</li> <li style="padding-left: 20px;">IEC 61162-2 Ed.1.0:1998-09</li> <li style="padding-left: 20px;">IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li style="padding-left: 20px;">IEC 61162-450:2018,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
UK/4.31 Gyro compass for high-speed craft Moved to UK/4.65 Row 2 of 2	<p>Type approval requirements</p> <p>For new certificates refer to item UK/4.65</p> <hr/> <p>Carriage and performance requirements</p> <p>For new certificates refer to item UK/4.65</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.65</p>	For new certificates refer to item UK/4.65	25.8.2021	



<p>UK/4.32</p> <p>Universal automatic identification system equipment (AIS)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.74(69),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— 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).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 61993-2:2018,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61993-2:2018,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>				



<p>UK/4.33</p> <p>Track control system</p> <p>(working at ship's speed from minimum manoeuvring speed up to 30 knots)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. V/18.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. V/19,</p> <p>— IMO Res.A.694(17),</p> <p>— IMO Res.MSC.74(69),</p> <p>— IMO Res.MSC.191(79),</p> <p>— IMO Res.MSC.302(87).</p>	<p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</p> <p>— EN 62065:2014,</p> <p>— EN 62288:2014,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018.</p> <p>Or:</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— 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,</p> <p>— IEC 62065 Ed. 2.0:2014-02,</p> <p>— IEC 62288 Ed. 2.0:2014-07,</p> <p>— IEC62923-1:2018,</p> <p>— IEC62923-2:2018.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	
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<p>UK/4.34 Radar equipment CAT 1 Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:</li> </ul>	<p>B+D</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.278(VIII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— ITU-R M.1177-4 (04/11).</li> </ul>	<ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN 62388:2013,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series:</li> </ul> <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62388 Ed. 2.0: 2013-06,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>	<p>B+E</p> <p>B+F</p> <p>G</p>		



<p>UK/4.34 Radar equipment CAT 1 Moved to UK/4.64 Row 2 of 2</p>	<p>Type approval requirements For new certificates refer to UK/4.64</p>	<p>Testing Standards For new certificates refer to UK/4.64</p>	<p>For new certificates refer to UK/4.64</p>	<p>25.8.2021</p>	
<p>UK/4.35 Radar equipment CAT 2 Row 1 of 2</p>	<p>Type approval requirements — SOLAS 74 Reg. V/18.</p>	<p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, — EN 62388:2013, — EN 62288:2014, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018. Or: — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p>	<p>B+D B+E B+F G</p>	<p>13.9.2018</p>	
<p>Carriage and performance requirements — SOLAS 74 Reg. V/19, — IMO Res.A.278(VIII), — IMO Res.A.694(17), — IMO Res.MSC.191(79), — IMO Res.MSC.192(79), — IMO Res.MSC.302(87), — ITU-R M.1177-4 (04/11).</p>					





		<ul style="list-style-type: none"> <li>— IEC 61162 series:</li> <li style="padding-left: 20px;">IEC 61162-1:2016</li> <li style="padding-left: 20px;">IEC 61162-2 Ed.1.0:1998-09</li> <li style="padding-left: 20px;">IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li style="padding-left: 20px;">IEC 61162-450:2018,</li> <li>— IEC 62388 Ed. 2.0: 2013-06,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
UK/4.35 Radar equipment CAT 2 Moved to UK/4.64 Row 2 of 2	Type approval requirements For new certificates refer to item UK/4.64 <hr/> Carriage and performance requirements For new certificates refer to item UK/4.64	Testing Standards For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.8.2021	



<p>UK/4.36 Radar equipment CAT 3 Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.278(VIII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— ITU-R M.1177-4 (04/11).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN 62388:2013,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62388 Ed. 2.0: 2013-06,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/4.36 Radar equipment CAT 3 Row 2 of 2</p>	<p>Type approval requirements For new certificates refer to item UK/4.64</p>	<p>Testing Standards For new certificates refer to item UK/4.64</p>	<p>For new certificates refer to item UK/4.64</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements For new certificates refer to item UK/4.64</p>				
<p>UK/4.37 Radar equipment for high speed craft applications (CAT 1H and CAT 2H) Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.A.278(VIII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1349,</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN 62388:2013,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09</li> </ul>			



	— ITU-R M.1177-4 (04/11).	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 62388 Ed. 2.0: 2013-06,  — IEC62923-1:2018,  — IEC62923-2:2018.			
UK/4.37  Radar equipment for high speed craft applications (CAT 1H and CAT 2H)  Moved to UK/4.64  Row 2 of 2	Type approval requirements For new certificates refer to item UK/4.64  Carriage and performance requirements For new certificates refer to item UK/4.64	Testing Standards For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.8.2021	
UK/4.38a  Radar equipment approved with a chart option, namely: CAT 1C.  Row 1 of 3	Type approval requirements — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13.  Carriage and performance requirements — IMO Res.A.278(VIII),	— 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,  — EN 62288:2014,  — EN 62388:2013,	B+D  B+E  B+F  G	13.9.2019	12.8.2023  (I)



	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— ITU-R M.1177-4 (04/11).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62388 Ed. 2.0: 2013-06,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/4.38a</p> <p>Radar equipment approved with a chart option, namely:</p> <p>CAT 1C.</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN 62388:2013,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	12.8.2020	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.A.278(VIII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> </ul>				



	<p>— ITU-R M.1177-4 (04/11).</p>	<p>— EN IEC 62923-1:2018,  — EN IEC 62923-2:2018.</p> <p>Or:</p> <p>— 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 62388 Ed. 2.0: 2013-06,  — IEC62923-1:2018,  — IEC62923-2:2018.</p>			
<p>UK/4.38a</p> <p>Radar equipment approved with a chart option namely:</p> <p>CAT 1C.</p> <p>Note: New certification shall be carried out according to UK/4.64 CAT 1.</p> <p>Row 3 of 3</p>	<p>Type approval requirements</p> <p>For new certificates refer to item UK/4.64</p> <hr/> <p>Carriage and performance requirements</p> <p>For new certificates refer to item UK/4.64</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.64</p>	<p>For new certificates refer to item UK/4.64</p>	<p>25.8.2021</p>	



<p>UK/4.38b  Radar equipment approved with a chart option, namely:  CAT 2C.  Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:  EN 61162-1:2016  EN 61162-2:1998  EN 61162-3:2008 +A1:2010+A2:2014  IEC 61162-450:2018,</li> </ul>	<p>B+D  B+E  B+F  G</p>	<p>13.9.2019</p>	<p>12.8.2023  (I)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.A.278(VIII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— ITU-R M.1177-4 (04/11).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN 62388:2013,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62388 Ed. 2.0: 2013-06,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/4.38b  Radar equipment approved with a chart option, namely:  CAT 2C.  Row 2 of 3</p>	<p>Type approval requirements  — SOLAS 74 Reg. V/18.</p>	<p>— 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,</p>	<p>B+D  B+E  B+F  G</p>	<p>12.8.2020</p>	
<p>Carriage and performance requirements  — IMO Res.A.278(VIII),  — IMO Res.A.694(17),  — IMO Res.MSC.191(79),  — IMO Res.MSC.192(79),  — IMO Res.MSC.302(87),  — ITU-R M.1177-4 (04/11).</p>	<p>— EN 62288:2014,  — EN 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,  — IEC 62388 Ed. 2.0: 2013-06,  — IEC62923-1:2018,  — IEC62923-2:2018.</p>				





<p>UK/4.38b</p> <p>Radar equipment approved with a chart option, namely:</p> <p>CAT 2C.</p> <p>Note: New certification shall be carried out according to UK/4.64 CAT 2.</p> <p>Row 3 of 3.</p>	<p>Type approval requirements</p> <p>For new certificates refer to item UK/4.64</p> <hr/> <p>Carriage and performance requirements</p> <p>For new certificates refer to item UK/4.64</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.64</p>	<p>For new certificates refer to item UK/4.64</p>	<p>25.8.2021</p>	
<p>UK/4.38c</p> <p>Radar equipment for high speed craft applications approved with a chart option, namely:</p> <p>CAT 1HC.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.A.278(VIII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— ITU-R M.1177-4 (04/11),</li> <li>— IMO Res.MSC.302(87),</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN 62388:2013,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	



	— IMO MSC.1/Circ.1349.	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 62388 Ed. 2.0: 2013-06, — IEC62923-1:2018, — IEC62923-2:2018.			
UK/4.38c  Radar equipment approved with a chart option, namely:  CAT 1HC.  Note: New certification shall be carried out according to UK/4.64 CAT 1H.  Row 2 of 2	Type approval requirements  Refer to item UK.4.64	Testing Standards  For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.8.2021	
	Carriage and performance requirements  For new certificates refer to item UK/4.64				
UK/4.38d  Radar equipment for high speed craft applications approved with a chart option, namely:  CAT 2HC.  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.	— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014  EN IEC 61162-450:2018, — EN 62288:2014, — EN 62388:2013,	B+D  B+E  B+F  G	13.9.2019	
	Carriage and performance requirements — IMO Res.A.278(VIII),				



	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1349,</li> <li>— ITU-R M.1177-4 (04/11).</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62388 Ed. 2.0: 2013-06,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/4.38d</p> <p>Radar equipment approved with a chart option, namely:</p> <p>CAT 2HC.</p> <p>Note: New certification shall be carried out according to UK/4.64 CAT 2H.</p> <p>Row 2 of 2</p>	<p>Type approval requirements For new certificates refer to item UK/4.64</p> <hr/> <p>Carriage and performance requirements For new certificates refer to item UK/4.64</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.64</p>	<p>For new certificates refer to item UK/4.64</p>	<p>25.8.2021</p>	



<p>UK/4.39 Radar reflector - passive type Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<p>— ISO 8729-1:2010, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or: — ISO 8729-1:2010, — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</p>	<p>B+D B+E B+F G</p>		
<p>UK/4.40 Heading control system for high speed craft Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<p>— ISO 16329:2003, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, — EN 62288:2014, — EN IEC 62923-1:2018,</p>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.822(19),</li> </ul>					



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMOMSC.1/Circ.1349.</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 16329:2003,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
UK/4.41 Transmitting heading device THD (GNSS method) Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 22090-3:2014,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul>	B+D B+E B+F G	13.9.2019	
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> </ul>				



	<ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.116(73),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 22090-3:2014,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>And as applicable:</p> <ul style="list-style-type: none"> <li>— EN 61162 series: EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— 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.</li> </ul>			
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<p>UK/4.42</p> <p>Searchlight for high speed craft</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 17884:2004,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 17884:2004,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>		
<p>UK/4.43</p> <p>Night vision equipment for high speed craft</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 16273:2003,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 62288:2014.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 16273:2003,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>		



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.94(72),</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 62288 Ed. 2.0:2014-07.</li> </ul>			
<p>UK/4.43</p> <p>Night vision equipment for high speed craft</p> <p>Row 2 of 2</p> <p>(NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.94(72),</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79).</li> </ul>	<ul style="list-style-type: none"> <li>—ISO 16273:2020</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 62288:2014.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>—ISO 16273:2020,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 62288 Ed. 2.0:2014-07.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	01.07.2022	





<p>UK/4.44</p> <p>Differential beacon receiver for DGPS and DGLONASS Equipment</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61108-4:2004,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.114(73).</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61108-4:2004,</li> <li>— 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.</li> </ul>				



<p>UK/4.44</p> <p>Differential beacon receiver for DGPS and DGLONASS Equipment</p> <p>Moved to UK/4.63</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>For new certificates refer to item UK/4.63.</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.63.</p>	<p>For new certificates refer to item UK/4.63.</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements</p> <p>For new certificates refer to item UK/4.63.</p>				
<p>Item UK/4.45, Chart facilities for shipborne radar, - item deleted, as it is covered by UK/4.38.</p>					
<p>UK/4.46</p> <p>Transmitting heading device THD (Gyroscopic method)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 22090-1:2014,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.116(73),</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 22090-1:2014,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> </ul> </li> </ul>			



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<p>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</p> <p>IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
<p>UK/4.47</p> <p>Simplified voyage data recorder (S-VDR)</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/20.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/20,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.163(78),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> <li>— EN 61996-2:2008,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	



		<ul style="list-style-type: none"> <li>— IEC 61162 series:</li> <li style="padding-left: 20px;">IEC 61162-1:2016</li> <li style="padding-left: 20px;">IEC 61162-2 Ed.1.0:1998-09</li> <li style="padding-left: 20px;">IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li style="padding-left: 20px;">IEC 61162-450:2018,</li> <li>— IEC 61996-2: 2007,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
Item UK/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”).					
UK/4.49 Pilot ladder Row 1 of 2	Type approval requirements	<ul style="list-style-type: none"> <li>— IMO Res. A.1045(27), as amended,</li> <li>— ISO 799:2004.</li> </ul>	B+D B+E B+F G		12.8.2023 (II)
	Carriage and performance requirements				
	<ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/23,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>				
	<ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/23,</li> <li>— IMO Res. A.1045(27),</li> <li>— IMO MSC/Circ.1428.</li> </ul>				
UK/4.49 Pilot ladder Row 2 of 2	Type approval requirements	<ul style="list-style-type: none"> <li>— IMO Res. A.1045(27), as amended,</li> <li>— ISO 799-1:2019.</li> </ul>	B+D B+E B+F	12.8.2020	
	<ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/23,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>				



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/23,</li> <li>— IMO Res. A.1045(27),</li> <li>— IMO MSC/Circ.1428.</li> </ul>		G		
<p>UK/4.50 DGPS Equipment Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61108-1:2003,</li> <li>— EN 61108-4:2004,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F G</p>	13.9.2019	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.112(73),</li> <li>— IMO Res.MSC.114(73),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61108-1: 2003,</li> <li>— IEC 61108-4: 2004,</li> <li>— IEC 61162 series: 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> </ul>			



		<ul style="list-style-type: none"> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
UK/4.50 DGPS equipment Moved to UK/4.63 Row 2 of 2	Type approval requirements For new certificates refer to item UK/4.63	Testing Standards For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	25.8.2021	
	Carriage and performance requirements For new certificates refer to item UK/4.63				
UK/4.51 DGLONASS Equipment Row 1 of 2	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61108-2:1998,</li> <li>— EN 61108-4:2004,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998</li> </ul>	B+D B+E B+F G	13.9.2019	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.113(73),</li> <li>— IMO Res.MSC.114(73),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<p>EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61108-2 Ed. 1.0:1998,</li> <li>— IEC 61108-4: 2004,</li> <li>— IEC 61162 series:</li> <li style="padding-left: 20px;">IEC 61162-1:2016</li> <li style="padding-left: 20px;">IEC 61162-2 Ed.1.0:1998-09</li> <li style="padding-left: 20px;">IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li style="padding-left: 20px;">IEC 61162-450:2018,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/4.51 DGLONASS equipment Moved to UK/4.63</p>	<p>Type of approval requirements For new certificates refer to item UK/4.63</p>	<p>Testing Standards For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>25.8.2021</p>	



Row 2 of 2	Carriage and performance requirements For new certificates refer to item UK/4.63				
UK/4.52 Daylight signalling lamp Row 1 of 1	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code),</li> <li>— IMO Res.MSC.97(73)-(2000 HSCCode).</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code),</li> <li>— IMO Res.MSC.95(72),</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ISO 25861:2007.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ISO 25861:2007.</li> </ul>	B+D B+E B+F		
UK/4.53 Radar target enhancer Row 1 of 1	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 8729-2:2009,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 8729-2:2009,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	B+D B+E B+F G		





	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.164(78),</li> <li>— ITU-R M.1176-1 (02/13).</li> </ul>				
<p>UK/4.54</p> <p>Compass Bearing Device</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 25862:2009,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>		<p>12.8.2023</p> <p>(I)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19.</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 25862:2009,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>			
<p>UK/4.54</p> <p>Compass Bearing Device</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— ISO 25862:2019,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19.</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— ISO 25862:2019,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.</li> </ul>			



<p>UK/4.55</p> <p>Search and rescue locating devices (SRLD):</p> <p>AIS SART equipment</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/4,</li> <li>— SOLAS 74 Reg. IV/14.</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/6,</li> <li>— SOLAS 74 Reg. III/26,</li> <li>— SOLAS 74 Reg. IV/7,</li> <li>— IMO Res.MSC.246(83),</li> <li>— ITU-RM.1371-5:2014.</li> </ul>	<p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— EN 61097-14:2010.</p> <p>Or:</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— IEC 61097-14:2010.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>		
<p>UK/4.56</p> <p>Galileo Equipment</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— EN 61108-3:2010,</p> <p>— EN 61162 series:</p> <p>EN 61162-1:2016</p> <p>EN 61162-2:1998</p> <p>EN 61162-3:2008 +A1:2010+A2:2014</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.9.2019</p>	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.233(82),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<p>EN IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61108-3:2010,</li> <li>— IEC 61162 series:</li> <li style="padding-left: 20px;">IEC 61162-1:2016</li> <li style="padding-left: 20px;">IEC 61162-2 Ed.1.0:1998-09</li> <li style="padding-left: 20px;">IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li style="padding-left: 20px;">IEC 61162-450:2018,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/4.56</p> <p>Galileo equipment</p> <p>Moved to UK/4.63</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>For new certificates refer to item UK/4.63</p> <hr/> <p>Carriage and performance requirements</p> <p>For new certificates refer to item UK/4.63</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>25.8.2021</p>	



<p>UK/4.57 Bridge Navigational Watch Alarm System (BNWAS) Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.128(75),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1474.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN 62616:2010 incl. IEC 62616 Corr. 1:2012,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62616:2010 incl. IEC 62616 Corr. 1:2012,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/4.58 Sound reception system Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code),</li> <li>— IMO Res.MSC.97(73)-(2000 HSCCode).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code),</li> <li>— IMO Res.MSC.86(70),</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018,</li> <li>— ISO 14859:2012.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018,</li> <li>— ISO 14859:2012.</li> </ul>			



<p>UK/4.59 Integrated navigation system Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/15,</li> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> </ul>	<p>B+D B+E B+F G</p>	<p>13.9.2019</p>	<p>12.8.2023 (I)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.252(83),</li> <li>— IMO Res. MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 61924-2 Ed. 1.0: 2012-12,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> <li>Or:</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 61924-2 Ed. 1.0: 2012-12,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/4.59 Integrated navigation system Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/15,</li> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> </ul>	<p>B+D B+E B+F G</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.252(83),</li> <li>— IMO Res. MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN 61924-2:2013 incl. IEC 61924-2 Corr. 1:2013,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 61924-2:2012 incl. IEC 61924-2 Corr. 1:2013,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/4.59</p> <p>Integrated navigation system</p> <p>Row 3 of 3</p> <p>(NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/15,</li> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<p>EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <ul style="list-style-type: none"> <li>— EN 61162 series:</li> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>01.07.2022</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.252(83),</li> <li>— IMO Res. MSC.302(87).</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 61924-2:2021</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series:</li> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— EN IEC 61924-2:2021</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			





<p>UK/4.60</p> <p>Radar equipment approved with a chart option, namely:</p> <p>CAT 3C.</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. V/18.</p>	<p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— EN 61162 series:</p> <p>EN 61162-1:2016</p> <p>EN 61162-2:1998</p> <p>EN 61162-3:2008 +A1:2010+A2:2014</p> <p>EN IEC 61162-450:2018,</p> <p>— EN 62288:2014,</p> <p>— EN 62388:2013,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <p>— IMO Res.A.278(VIII),</p> <p>— IMO Res.A.694(17),</p> <p>— IMO Res.MSC.191(79),</p> <p>— IMO Res.MSC.192(79),</p> <p>— IMO Res.MSC.302(87),</p> <p>— ITU-R M.1177-4 (04/11).</p>	<p>Or:</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— IEC 61162 series:</p> <p>IEC 61162-1:2016</p> <p>IEC 61162-2 Ed.1.0:1998-09</p> <p>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</p> <p>IEC 61162-450:2018,</p> <p>— IEC 62288 Ed. 2.0:2014-07,</p> <p>— IEC 62388 Ed. 2.0: 2013-06,</p> <p>— IEC62923-1:2018,</p> <p>— IEC62923-2:2018.</p>			



<p>UK/4.60</p> <p>Radar equipment approved with a chart option, namely:</p> <p>CAT 3C.</p> <p>Note: New certification shall be carried out according to UK/4.64 CAT 3.</p> <p>Row 2 of 2</p>	<p>Type approval requirements</p> <p>For new certificates refer to item UK/4.64</p> <hr/> <p>Carriage and performance requirements</p> <p>For new certificates refer to item UK/4.64</p>	<p>Testing Standards</p> <p>For new certificates refer to item UK/4.64</p>	<p>For new certificates refer to item UK/4.64</p>	<p>25.8.2021</p>	
<p>UK/4.61</p> <p>Radar equipment for high speed craft applications</p> <p>CAT 3H</p>	<p>Item removed by MSN 1874 amendment 6</p>				
<p>UK/4.62</p> <p>Radar equipment for high speed craft applications approved with a chart option, namely:</p> <p>CAT 3HC.</p>	<p>Item removed by MSN 1874 amendment 6</p>				



<p>UK/4.63</p> <p>GNSS Equipment</p> <p>Incorporating one or more of the following elements:</p> <ul style="list-style-type: none"> <li>— GPS equipment (Moved from ex UK/4.14)</li> <li>— GLONASS equipment (Moved from ex UK/4.15)</li> <li>— DGPS equipment (Moved from ex UK/4.50)</li> <li>— DGLONASS equipment (Moved from ex UK.4.51)</li> <li>— Galileo equipment (Moved from ex UK/4.56)</li> <li>— Beidou (BDS)</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13</li> </ul> <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul> <p>And for:</p> <p>GPS Equipment:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.112(73).</li> </ul> <p>GLONASS equipment:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.113(73).</li> </ul> <p>DGPS Equipment:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.112(73),</li> <li>— IMO Res.MSC.114(73).</li> </ul> <p>DGLONASS Equipment:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.113(73),</li> <li>— IMO Res.MSC.114(73),</li> </ul> <p>Galileo Equipment:</p> <ul style="list-style-type: none"> <li>— IMO Res.MSC.233(82).</li> </ul> <p>Beidou:</p>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> </ul> <p>EN 61162 series:</p> <ul style="list-style-type: none"> <li>— EN 61162-1:2016</li> <li>— EN 61162-2:1998</li> <li>— EN 61162-3:2008+A1:2010+A2:2014</li> <li>— EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>And for:</p> <p>GPS Equipment:</p> <ul style="list-style-type: none"> <li>— EN 61108-1:2003.</li> </ul> <p>GLONASS equipment:</p> <ul style="list-style-type: none"> <li>— EN 61108-2:1998,</li> </ul> <p>DGPS Equipment:</p> <ul style="list-style-type: none"> <li>— EN 61108-1:2003,</li> <li>— EN 61108-4:2004.</li> </ul> <p>DGLONASS Equipment:</p> <ul style="list-style-type: none"> <li>— EN 61108-2:1998,</li> <li>— EN 61108-4:2004.</li> </ul> <p>Galileo Equipment:</p> <ul style="list-style-type: none"> <li>— EN 61108-3:2010.</li> </ul> <p>Beidou (BDS)</p> <ul style="list-style-type: none"> <li>— EN IEC 61108-5:2020.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>25.8.2021</p>	
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	<p>IMO Res. MSC379(93)</p>	<p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> </ul> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> <li>— IEC 61162-1:2016</li> <li>— IEC 61162-2 Ed.1.0:1998-09</li> <li>— IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>— IEC 61162-450:2018</li> <li>— IEC 62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul> <p>And for:</p> <p>GPS Equipment:</p> <ul style="list-style-type: none"> <li>— IEC 61108-1 Ed. 2.0: 2003.</li> </ul> <p>GLONASS equipment:</p> <ul style="list-style-type: none"> <li>— IEC 61108-2 Ed. 1.0:1998.</li> </ul> <p>DGPS Equipment:</p> <ul style="list-style-type: none"> <li>— IEC 61108-1 Ed. 2.0: 2003,</li> <li>— IEC 61108-4: 2004.</li> </ul> <p>DGLONASS Equipment:</p> <ul style="list-style-type: none"> <li>— IEC 61108-2 Ed. 1.0:1998,</li> <li>— IEC 61108-4: 2004.</li> </ul> <p>Galileo Equipment:</p> <ul style="list-style-type: none"> <li>— IEC 61108-3:2010.</li> </ul> <p>Beidou (BDS):</p> <ul style="list-style-type: none"> <li>— IEC 61108-5:2020.</li> </ul>			
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<p>UK/4.64 Radar equipment</p> <ul style="list-style-type: none"> <li>— CAT 1 (Moved from Ex UK/4.34)</li> <li>— CAT 2 (Moved from Ex UK/4.35)</li> <li>— CAT 3 (Moved from Ex UK/4.36)</li> <li>— CAT 1H (Moved from Ex UK/4.37)</li> <li>— CAT 2H (Moved from Ex UK/4.37)</li> </ul> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18,</li> </ul> <p>And for High Speed Craft:</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008+A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— EN 62288:2014,</li> <li>— EN 62388:2013 incl. IEC 62388 Corr 1:2014</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul>	<p>B+D B+E B+F G</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.278(VIII),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13.</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.192(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1349,</li> <li>ITU-R M.1177-4 (04/11).</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC62288 Ed. 2.0:2014-07,</li> <li>— IEC 62388 Ed. 2.0: 2013-06 incl. IEC 62388 Corr 1:2014,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			



<p>UK/4.65 Gyro compass (Moved from Ex UK/4.3) (Moved from Ex 4.31) Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/18.</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008+A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F G</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements</p> <p>For gyro compass:</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. V/19,</li> <li>— IMO Res.A.424(XI),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87).</li> </ul> <p>For gyro compass for HSC:</p> <ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.821(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 13,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 13,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1349.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 62288:2014,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>And additionally for gyro compass:</p> <ul style="list-style-type: none"> <li>— ISO 8728:2014.</li> </ul> <p>And additionally for gyro compass for HSC:</p> <ul style="list-style-type: none"> <li>— ISO 16328:2014.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC62288 Ed. 2.0:2014-07,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul> <p>And additionally for gyro compass:</p> <ul style="list-style-type: none"> <li>— ISO 8728:2014.</li> </ul> <p>And additionally for gyro compass HSC:</p> <ul style="list-style-type: none"> <li>— ISO 16328:2014</li> </ul>			



<p>UK/4.66</p> <p>Electronic record book (ERB)</p> <p>Row 1 of 1</p> <p>New item inserted by MSN 1874 amendment 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>- SOLAS 74 Reg. V/18</li> <li>- SOLAS 74 Reg. X/3</li> <li>- IMO Res. MSC.36(63)-(1994 HSC Code) 13,</li> <li>- IMO Res. MSC.97(73)-(2000 HSC Code) 13.</li> </ul>	<ul style="list-style-type: none"> <li>- EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>- EN 61162 series: <ul style="list-style-type: none"> <li>- EN 61162-1:2016</li> <li>- EN 61162-2:1998</li> <li>- EN 61162-3:2008 +A1:2010+A2:2014</li> <li>- EN IEC 61162-450:2018,</li> <li>- EN 62288:2014, EN IEC 62923-1:2018,</li> <li>- EN IEC 62923-2:2018,</li> <li>- ISO 21745:2019.</li> </ul> </li> </ul>	<p>B</p>	<p>01.07.2022</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>- IMO Res.A.694(17),</li> <li>- IMO Res. MSC.36(63)-(1994-hsc Code) 13,</li> <li>- IMO Res. MSC.97(73)-(2000 HSC Code) 13,</li> <li>- IMO Res.MSC.191(79),</li> <li>- IMO Res. MSC.302(87).</li> </ul>	<p>Or:</p> <ul style="list-style-type: none"> <li>- IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>- IEC 61162 series: <ul style="list-style-type: none"> <li>- IEC 61162-1:2016</li> <li>- IEC 61162-2 Ed.1.0:1998-09</li> <li>- IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>- IEC 61162-450:2018,</li> </ul> </li> <li>- IEC 62288 Ed. 2.0:2014-07,</li> <li>- IEC 62923-1:2018,</li> <li>- IEC 62923-2:2018,</li> <li>- ISO 21745:2019.</li> </ul>			



## 5. Radio-communication equipment

### Notes applicable to section 5: Radio-communication equipment.

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

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

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
1	2	3	4	5	6
UK/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 1 of 6	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.385(X),</li> <li>— IMORes.A.524(13),</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2011 EN 61162-2:1998 EN 61162-3:2008 EN 61162-450:2011,</li> <li>— ETSI EN 300 338-1 V1.3.1:2010-02,</li> <li>— ETSI EN 300 338-2 V1.3.1:2010-02,</li> <li>— ETSI EN 301 843-2 V2.1. 1:2016-03,</li> <li>— ETSI EN 301 925 V1.4.1:2013-05.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	16.3.2017	1.2.2020  (III)





	<ul style="list-style-type: none"> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>				
UK/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 2 of 6	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— ETSI EN 300 338-1 V1.4.1:2017-02,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 843-2 V2.1. 1:2016-03,</li> <li>— ETSI EN 301 925 V1.5.1:2017-10.</li> </ul>	B+D  B+E  B+F	19.6.2018	29.8.2021  (III)
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.385(X),</li> <li>— IMORes.A.524(13),</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> </ul>				



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>				
UK/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 3 of 6	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:  EN 61162-1:2016  EN 61162-2:1998  EN 61162-3:2008 +A1:2010+A2:2014  IEC 61162-450:2018,</li> <li>— ETSI EN 300 338-1 V1.4.1:2017-02,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 843-2 V2.2. 1:2017-11,</li> <li>— ETSI EN 301 925 V1.5.1:2017-10,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>	B+D  B+E  B+F	13.9.2019	12.8.2023  (III)
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.385(X),</li> <li>— IMORes.A.524(13),</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> </ul>	Or: <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> </ul>			



	<ul style="list-style-type: none"> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-7: 1996 with A1: 2018,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
UK/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 4 of 6	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014</li> </ul>	B+D B+E B+F	12.8.2020	25.8.2024 (II)



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.385(X),</li> <li>— IMORes.A.524(13),</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-15(01/19),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>	<p>EN IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 843-2 V2.2. 1:2017-11,</li> <li>— ETSI EN 301 925 V1.5.1:2017-10,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-7: 1996 with A1: 2018,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
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<p>UK/5.1</p> <p>VHF radio capable of transmitting and receiving DSC and radiotelephony</p> <p>Row 5 of 6</p>	<ul style="list-style-type: none"> <li>— Type approval requirements</li> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.385(X),</li> <li>— IMO Res. A.524(13),</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.803(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-15 (01/19),</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 301 843-2 V2.2. 1:2017-11,</li> <li>— ETSI EN 301925 V1.6.1:2020-10,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-7: 1996 with A1: 2018,</li> <li>— 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</li> </ul>			



	<ul style="list-style-type: none"> <li>— ITU-R M.541-10 (10/15).</li> </ul>	<ul style="list-style-type: none"> <li>IEC 61162-450:2018,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
UK/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 6 of 6 (NEW ROW)	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:  EN 61162-1:2016  EN 61162-2:1998  EN 61162-3:2008 +A1:2010+A2:2014  EN IEC 61162-450:2018,</li> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 301 843-2 V2.2. 1:2017-11,</li> <li>— ETSI EN 301925 V1.6.1:2020-10,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul>	B+D  B+E  B+F	01.07.2022	
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.385(X),</li> <li>— IMO Res. A.524(13),</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.803(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> </ul>	Or: <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-7: 1996 with A1: 2018,</li> </ul>			



	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1460 Rev. 2</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 61162 series: IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> <li>— IEC 62923-1:2018,</li> <li>IEC 62923-2:2018.</li> </ul>			
UK/5.2 VHF DSC watch-keeping receiver Row 1 of 5	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2011</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008</li> <li>EN 61162-450:2011,</li> </ul>	B+D B+E B+F	16.3.2017	1.2.2020  (III)



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.3.1:2010-02,</li> <li>— ETSI EN 300 338-2 V1.3.1:2010-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-2 V2.1.1:2016-03.</li> </ul>			
<p>UK/5.2</p> <p>VHF DSC watch-keeping receiver</p> <p>Row 2 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> </ul> </li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	19.6.2018	29.8.2021 (III)





	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>	<p>EN 61162-450:2011+A1:2016,</p> <ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.4.1:2017-02,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-2 V2.1.1:2016-03.</li> </ul>			
<p>UK/5.2</p> <p>VHF DSC watch-keeping receiver</p> <p>Row 3 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> </ul> </li> <li>IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	<p>12.8.2023</p> <p>(III)</p>



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.4.2:2017-11,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> </ul> </li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
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<p>UK/5.2 VHF DSC watch-keeping receiver Row 4 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— ETSI EN 300 338-1 V1.5.1:2019-09</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> </ul>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	<p>25.8.2024  (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.803(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-15(01/19),</li> <li>— ITU-R M.541-10(10/15).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/5.2 VHF DSC watch-keeping receiver Row 5 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul>	<p>B+D  B+E  B+F</p>	<p>25.8.2021</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.803(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.489-2 (10/95),</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 301033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— 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,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			



<p>UK/5.3 NAVTEX receiver Row 1 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ETSI EN 300 065-1 V1.2.1:2009-01,</li> <li>— ETSI EN 301 843-4 V2.1.1:2016-03.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-6: 2005</li> </ul>	<p>B+D B+E B+F</p>	<p>16.3.2017</p>	<p>1.9.2020 (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.148(77),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.540-2 (06/90),</li> <li>— ITU-R M.625-4 (03/12).</li> </ul>				



<p>UK/5.3 NAVTEX receiver Row 2 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> </ul>	<p>B+D B+E B+F</p>	<p>19.6.2018</p>	<p>29.8.2021 (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.148(77),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.540-2 (06/90),</li> <li>— ITU-R M.625-4 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 065-1 V1.2.1:2009-01,</li> <li>— ETSI EN 301 843-4 V2.1.1:2016-03.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61097-6: 2005</li> </ul>			



<p>UK/5.3 NAVTEX receiver Row 3 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>13.9.2019</p>	<p>12.8.2023 (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.148(77),</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.540-2 (06/90),</li> <li>— ITU-R M.625-4 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 065-1 V1.2.1:2009-01,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61097-6: 2005,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/5.3 NAVTEX receiver Row 4 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.148(77),</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.540-2 (06/90),</li> <li>— ITU-R M.625-4 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 065-1 V1.2.1:2009-01,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61097-6:2012-01+A1:2011+A2: 2019,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			





UK/5.4 EGC receiver Row 1 of 4	Type approval requirements — SOLAS 74 Reg. IV/14, — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 14, — IMO Res.MSC.97(73)-(2000 HSC Code) 14.	— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — ETSI ETS 300 460 Ed.1:1996-05, — ETSI ETS 300 460/A1:1997-11, — ETSI EN 301 843-1 V2.1.1:2016-03. Or:	B+D B+E B+F	16.3.2017	1.9.2020 (III)
	Carriage and performance requirements — SOLAS 74 Reg. IV/7, — SOLAS 74 Reg. X/3, — IMORes.A.570(14), — IMORes.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.	— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, — IEC 61097-4:2012.			
UK/5.4 EGC receiver Row 2 of 4	Type approval requirements — SOLAS 74 Reg. IV/14, — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 14, — IMO Res.MSC.97(73)-(2000 HSC Code) 14.	— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014	B+D B+E B+F	19.6.2018	29.8.2021 (III)



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.570(14),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.306(87),</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<p>EN 61162-450:2011+A1:2016,</p> <ul style="list-style-type: none"> <li>— ETSI ETS 300 460 Ed.1:1996-05,</li> <li>— ETSI ETS 300 460/A1:1997-11,</li> <li>— ETSI EN 301 843-1 V2.1.1:2016-03.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-4:2012,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450 Ed.1.0:2011-06 with A1:2016.</li> </ul> </li> </ul>			
<p>UK/5.4</p> <p>EGC receiver</p> <p>Row 3 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>IEC 61162-450:2018,</li> </ul> </li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	<p>12.8.2023</p> <p>(III)</p>



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.570(14),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO Res.MSC.306(87),</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 460 Ed.1:1996-05,</li> <li>— ETSI ETS 300 460/A1:1997-11,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-4 2012,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
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<p>UK/5.4 EGC receiver Row 4 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> </ul>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.570(14),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO Res.MSC.306(87),</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 460 Ed.1:1996-05,</li> <li>— ETSI ETS 300 460/A1:1997-11,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-4:2012 +A1:2016+A2:2019,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> </ul> </li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver) Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2011 EN 61162-2:1998 EN 61162-3:2008 EN 61162-450:2011,</li> </ul>	<p>B+D B+E B+F</p>		<p>1.9.2020 (III)</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.699(17),</li> <li>— IMO Res.A.700(17),</li> <li>— IMO Res.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.492-6 (10/95),</li> <li>— ITU-R M.540-2 (06/90),</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.688 (06/90).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: IEC 61162-1 Ed.4.0:2010-11 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,</li> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10.</li> </ul>				



<p>UK/5.5</p> <p>HF marine safety information (MSI) equipment (HF NBDP receiver)</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	<p>29.8.2021</p> <p>(III)</p>
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.699(17),</li> <li>— IMORes.A.700(17),</li> <li>— IMORes.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.492-6 (10/95),</li> <li>— ITU-R M.540-2 (06/90),</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.688 (06/90).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10,</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10.</li> </ul>				



1	2	3	4	5	6
UK/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver) Row 3 of 3	Type approval requirements — SOLAS 74 Reg. IV/14, — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 14, — IMO Res.MSC.97(73)-(2000 HSC Code) 14.	— EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, — ETSI ETS 300 067 Ed.1:1990-11,	B+D B+E B+F	13.9.2019	
	Carriage and performance requirements — SOLAS 74 Reg. IV/7, — SOLAS 74 Reg. X/3, — IMO Res.A.694(17), — IMO Res.A.699(17), — IMO Res.A.700(17), — IMO Res.A.806(19), — IMO Res.MSC.36(63)-(1994 HSC Code) 14, — IMO Res.MSC.97(73)-(2000 HSC Code) 14, — IMO Res. MSC.302(87), — IMO MSC.1/Circ.1460, — IMO COMSAR/Circ.32, — ITU-R M.492-6 (10/95),	— ETSI ETS 300 067/A1 Ed.1:1993-10, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018. Or: — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, — IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, — ETSI ETS 300 067 Ed.1:1990-11, — ETSI ETS 300 067/A1 Ed.1:1993-10, — IEC62923-1:2018, — IEC62923-2:2018.			



	<ul style="list-style-type: none"> <li>— ITU-R M.540-2 (06/90),</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.688 (06/90).</li> </ul>				
UK/5.6 406 MHz EPIRB (COSPAS-SARSAT) Row 1 of 2	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> </ul> <p>Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself.</p> <ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ETSI EN 300 066 V1.3.1:2001-01.</li> </ul> <p>Or:</p>	B+D B+E B+F		30.06.2022
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— IMO Res.A.662(16),</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.696(17),</li> <li>— IMO Res.A.810(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.633-4 (12/10),</li> <li>— ITU-R M.690-3 (03/15).</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> </ul> <p>Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself.</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-2 ed3.0:2008.</li> </ul>			





<p>UK/5.6 406 MHz EPIRB (COSPAS-SARSAT) Row 2 of 2 (NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> </ul> <p>Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself.</p> <ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ETSI EN 300 066 V1.3.1:2001-01.</li> </ul> <p>Or:</p>	<p>B+D B+E B+F</p>	<p>01.07.2022</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/7,</li> <li>— IMORes.A.662(16),</li> <li>— IMORes.A.694(17),</li> <li>— IMO Res. MSC.471(101)</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.633-4 (12/10),</li> <li>— ITU-R M.690-3 (03/15)</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> </ul> <p>Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself.</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-2 ed4.0:2021.</li> </ul>			
<p>Item UK/5.7, L band EPIRB (INMARSAT), - deliberately left blank.</p>					
<p>Item UK/5.8, MF DSC Receiver, - deliberately left blank.</p>					
<p>Item UK/5.9, Two-tone alarm generator, - deliberately left blank.</p>					



<p>UK/5.10 MF radio capable of transmitting and receiving DSC and radiotelephony</p> <p>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.</p> <p>Row 1 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2011</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008</li> <li>EN 61162-450:2011,</li> </ul> </li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>1.9.2020 (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14 (09/15),</li> <li>— ITU-R M.541-10 (10/15),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.3.1:2010-02,</li> <li>— ETSI EN 300 338-2 V1.3.1:2010-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul>			



<p>UK/5.10</p> <p>MF radio capable of transmitting and receiving DSC and radiotelephony</p> <p>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.</p> <p>Row 2 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN 61162-450:2011)+A1:2016,</li> </ul> </li> <li>— ETSI EN 300 338-1 V1.4.1:2017-02,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	<p>29.8.2021</p> <p>(III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>				



<p>UK/5.10</p> <p>MF radio capable of transmitting and receiving DSC and radiotelephony</p> <p>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.</p> <p>Row 3 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> </ul> </li> <li>IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	<p>12.8.2023</p> <p>(III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.4.2:2017-11,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-9: 1997,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> </ul> </li> <li>IEC 61162-450:2018,</li> </ul>			



		<ul style="list-style-type: none"> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/5.10</p> <p>MF radio capable of transmitting and receiving DSC and radiotelephony</p> <p>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.</p> <p>Row 4 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-9: 1997,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	<p>25.8.2024</p> <p>(III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC.1/Circ.1460,</li> </ul>				



	<ul style="list-style-type: none"> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-15(01/19),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 61162 series:</li> <li style="padding-left: 20px;">IEC 61162-1:2016</li> <li style="padding-left: 20px;">IEC 61162-2 Ed.1.0:1998-09</li> <li style="padding-left: 20px;">IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li style="padding-left: 20px;">IEC 61162-450:2018,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/5.10</p> <p>MF radio capable of transmitting and receiving DSC and radiotelephony</p> <p>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.</p> <p>Row 5 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:</li> <li style="padding-left: 20px;">EN 61162-1:2016</li> <li style="padding-left: 20px;">EN 61162-2:1998</li> <li style="padding-left: 20px;">EN 61162-3:2008 +A1:2010+A2:2014</li> <li style="padding-left: 20px;">EN IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	25.8.2021	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.694(17),</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> </ul>			



	<ul style="list-style-type: none"> <li>— IMO Res. A.804(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945: 2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-9: 1997,</li> <li>— 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,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
UK/5.11 MF DSC watch-keeping receiver Row 1 of 5	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2011 EN 61162-2:1998 EN 61162-3:2008 EN 61162-450:2011,</li> </ul>	B+D B+E B+F	16.3.2017	1.9.2020 (III)



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14 (09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.3.1:2010-02,</li> <li>— ETSI EN 300 338-2 V1.3.1:2010-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul>			
<p>UK/5.11 MF DSC watch-keeping receiver Row 2 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1 2016, EN 61162-2:1998, EN 61162-3:2008 +A1:2010+A2:2014,</li> </ul>	<p>B+D B+E B+F</p>	19.6.2018	29.8.2021 (III)





	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<p>EN 61162-450:2011+A1:2016,</p> <ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.4.1:2017-02,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul>			
<p>UK/5.11 MF DSC watch-keeping receiver Row 3 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>13.9.2019</p>	<p>12.8.2023 (III)</p>



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.4.2:2017-11,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/5.11 MF DSC watch-keeping receiver Row 4 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	<p>25.8.2024  (III)</p>



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.804(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-15(01/19),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/5.11</p> <p>MF DSC watch-keeping receiver</p> <p>Row 5 of 5</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/9,</li> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.804(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 301033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— 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,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
<p>UK/5.12 Inmarsat-B SES this item has been deleted as Inmarsat-B SES Service has been discontinued on 31 December 2016.</p>					



<p>UK/5.13 Approved SES  Row 1 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2011</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008</li> <li>EN 61162-450:2011,</li> </ul> </li> </ul>	<p>B+D B+E B+F</p>	<p>16.3.2017</p>	<p>1.9.2020 (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.570(14),</li> <li>— IMO Res.A.664(16),</li> </ul> <p>Note for Res. A.664(16): applicable only if the Approved SES supports EGC functions.</p> <ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.807(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> <li>— IMO Res.MSC.306(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 460 Ed.1:1996-05,</li> <li>— ETSI ETS 300 460/A1:1997-11,</li> <li>— ETSI EN 301 843-1 V2.1.1:2016-03.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-4:2012,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1 Ed.4.0:2010-11</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450 Ed.1.0:2011-06.</li> </ul> </li> </ul>			



<p>UK/5.13 Approved SES  Row 2 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN 61162-450:2011+A1:2016,</li> </ul> </li> </ul>	<p>B+D B+E B+F</p>	<p>19.6.2018</p>	<p>29.8.2021 (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.570(14),</li> <li>— IMO Res.A.664(16),</li> </ul> <p>Note for Res. A.664(16): applicable only if the Approved SES supports EGC functions.</p> <ul style="list-style-type: none"> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.807(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.306(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 460 Ed.1:1996-05,</li> <li>— ETSI ETS 300 460/A1:1997-11,</li> <li>— ETSI EN 301 843-1 V2.1.1:2016-03.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-4:2012,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450 Ed.1.0:2011-06 with A1:2016.</li> </ul> </li> </ul>			



<p>UK/5.13 Approved SES Row 3 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>		<p>12.8.2023 (III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.570(14),</li> <li>— IMORes.A.664(16),</li> </ul> <p>Note for Res. A.664(16): applicable only if the Approved SES supports EGC functions.</p> <ul style="list-style-type: none"> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.807(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO Res.MSC.306(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 460 Ed.1:1996-05,</li> <li>— ETSI ETS 300 460/A1:1997-11,</li> <li>— ETSI EN 301 843-1 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-4: 2012,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			



<p>UK/5.13 Approved SES Row 4 of 4</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	
<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.570(14),</li> <li>— IMORes.A.664(16),</li> </ul> <p>Note for Res. A.664(16): applicable only if the approved SES supports EGC functions.</p> <ul style="list-style-type: none"> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.807(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO Res.MSC.306(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 460 Ed.1:1996-05,</li> <li>— ETSI ETS 300 460/A1:1997-11,</li> <li>— ETSI EN 301 843-1 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-4: 2012 +A1:2016+A2:2019,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>				





<p>UK/5.14</p> <p>MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony</p> <p>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.</p> <p>Row 1 of 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2011 EN 61162-2:1998 EN 61162-3:2008 EN 61162-450:2011,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>16.3.2017</p>	<p>1.9.2020</p> <p>(III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.476-5 (10/95),</li> <li>— ITU-R M.492-6 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10,</li> <li>— ETSI EN 300 338-1 V1.3.1:2010-02,</li> <li>— ETSI EN 300 338-2 V1.3.1:2010-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul>			



<p>UK/5.14</p> <p>MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony</p> <p>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.</p> <p>Row 2 of 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN 61162-450:2011+A1:2016,</li> </ul> </li> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10,</li> <li>— ETSI EN 300 338-1 V1.4.1:2017-02,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	<p>29.8.2021</p> <p>(III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.476-5 (10/95),</li> <li>— ITU-R M.492-6 (10/95),</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>				



<p>UK/5.14</p> <p>MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony</p> <p>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.</p> <p>Row 3 of 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>13.9.2019</p>	<p>12.8.2023</p> <p>(III)</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.476-5 (10/95),</li> <li>— ITU-R M.492-6 (10/95),</li> <li>— ITU-R M.493-14 (09/15),</li> <li>— ITU-R M.541-10 (10/15)</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10,</li> <li>— ETSI EN 300 338-1 V1.4.2:2017-11,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-9: 1997,</li> <li>— 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</li> </ul>			



		<p>IEC 61162-450:2018,  — IEC62923-1:2018,  — IEC62923-2:2018.</p>			
<p>UK/5.14</p> <p>MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony</p> <p>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.</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:  EN 61162-1:2016  EN 61162-2:1998  EN 61162-3:2008 +A1:2010+A2:2014  EN IEC 61162-450:2018,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>12.8.2020</p>	<p>25.5.2024</p> <p>(III)</p>
<p>Row 4 of 6</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.476-5 (10/95),</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI ETS 300 067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10,</li> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-9: 1997,</li> </ul>			



	<ul style="list-style-type: none"> <li>— ITU-R M.492-6(10/95),</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15)</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> </ul> </li> <li>IEC 61162-450:2018,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
UK/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 A4H are no longer applicable in testing standards.  Row 5 of 6	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> </li> <li>— ETSI ETS 300067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10,</li> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> </ul>	B+D  B+E  B+F	25.8.2021	
	Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.806(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> </ul>				



	<ul style="list-style-type: none"> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.476-5 (10/95),</li> <li>— ITU-R M.492-6 (10/95),</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15)</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-9: 1997,</li> <li>— 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,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
<p>UK/5.14</p> <p>MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephony</p> <p>Note: In line with IMO and ITU decisions, the requirements for Two Tone Alarm generator and transmission on A4H are no longer applicable in testing standards.</p> <p>Row 6 of 6 (NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> <li>— ETSI ETS 300067 Ed.1:1990-11,</li> <li>— ETSI ETS 300 067/A1 Ed.1:1993-10,</li> <li>— ETSI EN 300 338-1 V1.6 1:2021-05,</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	01.07.2022	



	<ul style="list-style-type: none"> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.806(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO MSC.1/Circ.1460,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.476-5 (10/95),</li> <li>— ITU-R M.492-6 (10/95),</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15)</li> <li>— ITU-R M.625-4 (03/12),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 300 373-1 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-9: 1997,</li> <li>— 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,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
UK/5.15 MF/HF DSC scanning watch keeping receiver Row 1 of 6	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2011 EN 61162-2:1998 EN 61162-3:2008</li> </ul>	B+D B+E B+F	16.3.2017	1.9.2020 (III)



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<p>EN 61162-450:2011,</p> <ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.3.1:2010-02,</li> <li>— ETSI EN 300 338-2 V1.3.1:2010-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC61097-3:1994,</li> <li>— IEC61097-8:1998,</li> <li>— IEC 61162 series: IEC 61162-1 Ed.4.0:2010-11 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.</li> </ul>			
<p>UK/5.15 MF/HF DSC scanning watch keeping receiver Row 2 of 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> </ul>	<p>B+D B+E B+F</p>	<p>19.6.2018</p>	<p>29.8.2021 (III)</p>





	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMORes.A.694(17),</li> <li>— IMORes.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.4.1:2017-02,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.1.1:2016-03.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC61097-3:1994,</li> <li>— IEC61097-8:1998,</li> <li>— 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.</li> </ul>			
<p>UK/5.15 MF/HF DSC scanning watch keeping receiver Row 3 of 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>13.9.2019</p>	<p>12.8.2023 (III)</p>



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-14(09/15),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.4.2:2017-11,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— IEC 61097-9: 1997,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/5.15 MF/HF DSC scanning watch keeping receiver Row 4 of 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>12.8.2020</p>	<p>25.8.2024</p>



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.806(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-15(01/19),</li> <li>— ITU-R M.541-10(10/15),</li> <li>— ITU-R M.1173-1(03/12).</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.4.1:2017-02,</li> <li>— ETSI EN 301 033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— IEC 61097-9: 1997,</li> <li>— 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,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> </ul>			
<p>UK/5.15 MF/HF DSC scanning watch keeping receiver Row 5 of 6</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014</li> </ul>	<p>B+D B+E B+F</p>	<p>25.8.2020</p>	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.806(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>	<p>EN IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— ETSI EN 300 338-1 V1.5.1:2019-09,</li> <li>— ETSI EN 300 338-2 V1.5.1:2020-06,</li> <li>— ETSI EN 301033 V1.4.1:2013-09,</li> <li>— ETSI EN 301 843-5 V2.2.1:2017-11,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— IEC 61097-9: 1997,</li> <li>— 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,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
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<p>UK/5.15 MF/HF DSC scanning watch keeping receiver Row 6 of 6 (NEW ROW)</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<p>EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <ul style="list-style-type: none"> <li>— EN 61162 series: EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> </ul> <p>— ETSI EN 300 338-1 V1.6.1:2021-05,</p> <p>— ETSI EN 300 338-2 V1.5.1:2020-06,</p> <p>— ETSI EN 301033 V1.4.1:2013-09,</p> <p>— ETSI EN 301 843-5 V2.2.1:2017-11,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018.</p> <p>Or:</p> <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61097-3: 2017,</li> <li>— IEC 61097-8:1998,</li> <li>— IEC 61097-9: 1997,</li> <li>— IEC 61162 series: IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> </ul>	<p>B+D B+E B+F</p>	<p>01.07.2022</p>	
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res. A.694(17),</li> <li>— IMO Res. A.806(19),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ITU-R M.493-15 (01/19),</li> <li>— ITU-R M.541-10 (10/15),</li> <li>— ITU-R M.1173-1 (03/12).</li> </ul>				



		<ul style="list-style-type: none"> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul>			
UK/5.16 Aeronautical two-way VHF radio telephone apparatus Ex. UK/9/5.8 Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul> Carriage and performance requirements <ul style="list-style-type: none"> <li>— SOLAS 74/2009 Reg. IV/7,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.80(70),</li> <li>— IMO COMSAR/Circ.32,</li> <li>— ICAO Convention, Annex 10, Radio Regulations.</li> </ul>	<ul style="list-style-type: none"> <li>— ETSI EN 301 688 V1.2.1:2016-03,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr.1:2008.</li> </ul> Or: <ul style="list-style-type: none"> <li>— ETSI EN 301 688 V1.2.1:2016-03,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr.1:2008.</li> </ul>	B+D B+E B+F	12.8.2020	
UK/5.17 Portable survival craft two-way VHF radiotelephone apparatus Row 1 of 1	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ETSI EN 300 225 V1.5.1:2015-12,</li> <li>— ETSI EN 301 843-2 V2.2.1:2017-11.</li> </ul> Or: <ul style="list-style-type: none"> <li>— IEC 60945:2002 incl. IEC 60945 Corr.1:2008,</li> </ul>	B+D B+E B+F	13.9.2019	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/6,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.809(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.149(77),</li> <li>— ITU-R M.489-2 (10/95).</li> </ul>	<p>— IEC 61097-12: 1996 +A1:2017.</p>			
<p>UK/5.18</p> <p>Fixed survival craft two-way VHF radio-telephone apparatus</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14.</li> </ul>	<p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— ETSI EN 301 466 V1.2.1:2015-12.</p> <p>Or:</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— IEC 61097-12: 1996 + A1:2017.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>19.6.2018</p>	



	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. III/6,</li> <li>— IMO Res.A.694(17),</li> <li>— IMO Res.A.809(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 8,</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 8,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— ITU-R M.489-2 (10/95).</li> </ul>				
<p>UK/5.19 – Item deleted as the Inmarsat F77 service has been discontinued as from 1 December 2020.</p>					
<p>UK/5.20</p> <p>Fire-fighter's two-way radiotelephone apparatus</p> <p>New item inserted by Implementing Regulation 2019/1397</p> <p>Row 1 of 1</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. II-2/2.</li> <li>— SOLAS 74 Reg. II-2/10.</li> </ul>	<ul style="list-style-type: none"> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ETSI EN 301 843-1 V2.2.1:2017-11,</li> <li>— ETSI EN 301 843-2 V2.2. 1:2017-11,</li> <li>— ATEX Directive 2014/34/EU or UKEx</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74/2014 Reg. II-2/10.</li> <li>— IMO Res.A.694(17),</li> <li>— IMO MSC.1Circ 1616,</li> <li>— ITU-R M.489-2 (10/95),</li> </ul>	<p>(a) UHF portable radios:</p> <ul style="list-style-type: none"> <li>— ETSI EN 300 720 V2.1.1:2017-01,</li> </ul> <p>(b) VHF portable radios:</p> <ul style="list-style-type: none"> <li>— ETSI EN 301 178 V.2.2.2 :2017-04.</li> </ul>			





	<p>— ITU-R M.1174-4 (10/2019) (new provision).</p>	<p>Or:</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— ETSI EN 301 843-1 V2.2.1:2017-11,</p> <p>— ETSI EN 301 843-2 V2.2. 1:2017-11,</p> <p>— ATEX Directive 2014/34/EU.</p> <p>(a) UHF portable radios:</p> <p>— ETSI EN 300 720 V2.1.1:2017-01,</p> <p>(b) VHF portable radios:</p> <p>— ETSI EN 301 178 V.2.2.2 :2017-04</p>			
<p>UK/5.21</p> <p>Integrated communication system (ICS)</p> <p>Row 1 of 2</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. IV/14,</p> <p>— SOLAS 74 Reg. X/3.</p>	<p>— IMO MSC/Circ.862,</p> <p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— EN 61162 series:</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. IV/14,</p> <p>— SOLAS 74 Reg. X/3,</p> <p>— IMO Res.A694(17),</p> <p>— IMO Res. A.811(19),</p> <p>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</p> <p>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</p> <p>— IMO Res.MSC.191(79),</p> <p>— IMO Res.MSC.302(87),</p>	<p>EN 61162-1:2016</p> <p>EN 61162-2:1998</p> <p>EN 61162-3:2008 +A1:2010+A2:2014</p> <p>EN IEC 61162-450:2018,</p> <p>— EN 62940:2017,</p> <p>— EN 61924-2:2013 incl. IEC 61924-2: Corr. 1:2013,</p> <p>— EN 62288:2014,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018.</p> <p>— For GMDSS functions and units included in the ICS, the test</p>			



	<ul style="list-style-type: none"> <li>— IMO MSC.1/Circ.1389,</li> <li>— IMO COMSAR/Circ.32.</li> <li>— For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.</li> </ul>	<p>requirements for those functions and units apply.</p> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 62940:2016,</li> <li>— IEC 61924-2:2012 incl. IEC 61924-2 Corr. 1:2013,</li> <li>— IEC 62288:2014,</li> <li>— IEC62923-1:2018,</li> <li>— IEC62923-2:2018.</li> <li>— For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply.</li> </ul>			
UK/5.21 Integrated communication system (ICS) Row 2 of 2	Type approval requirements <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:</li> </ul>	B+D B+E B+F	01.07.2022	



(NEW ROW)	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3,</li> <li>— IMO Res.A694(17),</li> <li>— IMO Res. A.811(19),</li> <li>— IMO Res.MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res.MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res.MSC.191(79),</li> <li>— IMO Res.MSC.302(87),</li> <li>— IMO MSC.1/Circ.1389,</li> <li>— IMO COMSAR/Circ.32.</li> <li>— For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.</li> </ul>	<p>EN 61162-1:2016</p> <p>EN 61162-2:1998</p> <p>EN 61162-3:2008 +A1:2010+A2:2014</p> <p>EN IEC 61162-450:2018,</p> <p>— EN 62940:2017,</p> <p>— EN IEC 61924-2:2021.</p> <p>— EN 62288:2014,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018.</p> <p>— For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply.</p> <p>Or:</p> <p>— IMO MSC/Circ.862,</p> <p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— IEC 61162 series:</p> <p>IEC 61162-1:2016</p> <p>IEC 61162-2 Ed.1.0:1998-09</p> <p>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</p> <p>IEC 61162-450:2018,</p> <p>— IEC 62940:2016,</p> <p>— EN IEC 61924-2:2021.</p> <p>— IEC 62288:2014,</p> <p>— IEC62923-1:2018,</p>			
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		<ul style="list-style-type: none"> <li>— IEC62923-2:2018.</li> <li>— For GMDSS functions and units included in the ICS, the test requirements for those functions and units apply.</li> </ul>			
<p>UK/5.22</p> <p>Ship Earth station for use in the GMDSS</p> <p>New item inserted by Implementing Regulation (EU) 2020/1170</p> <p>Ex UK/9/5.9.</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series:</li> <li>EN 61162-1:2016</li> <li>EN 61162-2:1998</li> <li>EN 61162-3:2008 +A1:2010+A2:2014</li> <li>EN IEC 61162-450:2018,</li> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018,</li> <li>— ETSI EN 301 441 V2.1.1:2016,</li> <li>— IEC 61097-16:2019.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— ETSI EN 301 441 V2.1.1:2016,</li> <li>— IEC 61162 series:</li> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		<p>25.8.2024</p> <p>(II)</p>



		<p>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</p> <p>IEC 61162-450:2018,</p> <p>— IEC 61097-16:2019,</p> <p>— IEC62923-1:2018,</p> <p>— IEC62923-2:2018.</p> <p>And additionally, for Approved SES equipment:</p> <p>— ETSI ETS 300 460:1996 + A1:1997.</p>			
<p>UK/5.22</p> <p>Ship Earth station for use in the GMDSS</p> <p>Inmarsat C equipment:</p> <p>Inmarsat Fleet Broad Band (FBB) equipment and Iridium equipment:</p> <p>New item added by MSN 1874 (amendment 5).</p> <p>Ex UK/9/5.9</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <p>— SOLAS 74 Reg. IV/14,</p> <p>— SOLAS 74 Reg. X/3.</p> <hr/> <p>Carriage and performance requirements</p> <p>— SOLAS 74 Reg. IV/10,</p> <p>— IMO Res. A694(17),</p> <p>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</p> <p>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</p> <p>— IMO Res. MSC.302(87),</p> <p>— IMO Res. MSC.434(98),</p> <p>— IMO MSC/Circ.862,</p> <p>— IMO COMSAR/Circ.32.</p>	<p>— IMO MSC/Circ.862,</p> <p>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018,</p> <p>— IEC 61097-16:2019.</p> <p>And additionally, for Inmarsat C equipment:</p> <p>— ETSI ETS 300 460:1996 + A1:1997.</p> <p>And additionally, for Inmarsat Fleet Broad Band (FBB) equipment:</p> <p>— ETSI EN 301444 V2.1.2:2016.</p> <p>And additionally, for Iridium equipment:</p> <p>— ETSI EN 301441 V2.1.1:2016.</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.8.2021</p>	



		<p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— IEC 61162 series: <ul style="list-style-type: none"> <li>IEC 61162-1:2016</li> <li>IEC 61162-2 Ed.1.0:1998-09</li> <li>IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07</li> <li>IEC 61162-450:2018,</li> </ul> </li> <li>— IEC 61097-16:2019,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul> <p>And additionally, for Inmarsat C equipment:</p> <ul style="list-style-type: none"> <li>— ETSI ETS 300 460:1996 + A1:1997.</li> </ul> <p>And additionally, for Inmarsat Fleet Broad Band (FBB)equipment:</p> <ul style="list-style-type: none"> <li>— ETSI EN 301444 V2.1.2:2016.</li> </ul> <p>And additionally, for Iridium equipment:</p> <ul style="list-style-type: none"> <li>— ETSI EN 301441 V2.1.1:2016.</li> </ul>			
<p>UK/5.22</p> <p>Ship Earth station for use in the GMDSS</p> <p>Inmarsat C equipment:</p> <p>Inmarsat Fleet Broad Band (FBB) equipment and Iridium equipment:</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/14,</li> <li>— SOLAS 74 Reg. X/3.</li> </ul>	<ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— EN 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— EN 61162 series: <ul style="list-style-type: none"> <li>EN 61162-1:2016</li> </ul> </li> </ul>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>01.07.2022</p>	



<p>New item added by MSN 1874 (amendment 5).</p> <p>Ex UK/9/5.9</p> <p>Row 3 of 3</p> <p>(NEW ROW)</p>	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> <li>— SOLAS 74 Reg. IV/10,</li> <li>— IMO Res. A694(17),</li> <li>— IMO Res. MSC.36(63)-(1994 HSC Code) 14,</li> <li>— IMO Res. MSC.97(73)-(2000 HSC Code) 14,</li> <li>— IMO Res. MSC.302(87),</li> <li>— IMO Res. MSC.434(98),</li> <li>— IMO MSC/Circ.862,</li> <li>— IMO COMSAR/Circ.32.</li> </ul>	<p>EN 61162-2:1998  EN 61162-3:2008 +A1:2010+A2:2014  EN IEC 61162-450:2018,</p> <ul style="list-style-type: none"> <li>— EN IEC 62923-1:2018,</li> <li>— EN IEC 62923-2:2018,</li> <li>— IEC 61097-16:2019.</li> </ul> <p>And additionally, for Inmarsat C equipment:</p> <ul style="list-style-type: none"> <li>— ETSI ETS 300 460:1996 + A1:1997.</li> </ul> <p>And additionally, for Inmarsat Fleet Broad Band (FBB) equipment:</p> <ul style="list-style-type: none"> <li>— ETSI EN 301 444 V2.2.1:2021</li> </ul> <p>And additionally, for Iridium equipment:</p> <ul style="list-style-type: none"> <li>— ETSI EN 301441 V2.1.1:2016.</li> </ul> <p>Or:</p> <ul style="list-style-type: none"> <li>— IMO MSC/Circ.862,</li> <li>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</li> <li>— 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,</li> <li>— IEC 61097-16:2019,</li> <li>— IEC 62923-1:2018,</li> <li>— IEC 62923-2:2018.</li> </ul> <p>And additionally, for Inmarsat C equipment:</p>			
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		<ul style="list-style-type: none"><li>— ETSI ETS 300 460:1996 + A1:1997.</li></ul> <p>And additionally, for Inmarsat Fleet Broad Band (FBB)equipment:</p> <ul style="list-style-type: none"><li>— ETSI EN 301 444 V2.2.1:2021</li></ul> <p>And additionally, for Iridium equipment:</p> <ul style="list-style-type: none"><li>— ETSI EN 301441 V2.1.1:2016.</li></ul>			
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## 6. Equipment required under COLREG

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
UK/6.1 Navigation lights Row 1 of 1	Type approval requirements — COLREG 72 Annex I/14.	— EN 14744:2005 incl. AC:2006, — EN 60945:2002 incl. IEC 60945 Corr. 1:2008. Or:	B+D B+E B+F G		
	Carriage and performance requirements — COLREG 72 Annex I/14, — IMO Res.A.694(17), — IMO Res.MSC.253(83).	— EN 14744:2005 incl. AC:2006, — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.			



## 7. Other safety equipment

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
UK/7.1 Self-contained compressed-air-operated breathing apparatus for entry and work in gas-filled space (New item inserted by Implementing Regulation (EU) 2018/773, refer to item 3.7) Row 1 of 1	Type approval requirements — SOLAS 74 Reg.II-2/10, — IMO Res.MSC.98(73)-(FSS Code) 3.  Carriage and performance requirements — SOLAS 74 Reg. II-2/10, — SOLAS 74 Reg. II-2/15, — IMO Res.MSC.98(73)-(FSS Code) 3, — IMO Res.MSC.4(48)-(IBC Code) 14, — IMO Res.MSC.5(48)-(IGC Code) 14, — IMO MSC.1/Circ.1499.	— ISO 23269-3:2011.  Note: Associated fireproof lifeline (UK 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 UK fireproof lifeline as mandatory combined component.	B+D B+E B+F G	19.6.2018	



## 8. Equipment under SOLAS Chapter II-1

Number and item designation	Regulation SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Modules for conformity assessment	First placing on the market	Last placing on board
UK/8.1 Water level detectors Row 1 of 3	Type approval requirements — SOLAS 74 Reg. II-1/22-1, — SOLAS 74 Reg. II-1/25, — SOLAS 74 Reg. XII/12.	— IEC 60092-504:2001 incl. IEC 60092-504 Corr.1:2011, — IEC 60529 Ed. 2.2:2013, — IMO Res.MSC.188(79), — IMOMSC.1/Circ.1291.	B+D B+E B+F		22.11.2019 (III)
	Carriage and performance requirements — SOLAS 74 Reg. II-1/25, — SOLAS 74 Reg. XII/12.  — IMO Res.A.1021(26), Rev.1. — IMO Res.MSC.188(79), — IMO MSC.1/Circ.1464 Rev. 1				
UK/8.1 Water level detectors Row 2 of 3	Type approval requirements — SOLAS 74 Reg. II-1/22-1, — SOLAS 74 Reg. II-1/25, — SOLAS 74 Reg. XII/12.	— IEC-60092-504:2016, — IEC 60529 Ed. 2.2:2013, — IMO Res.MSC.188(79), — IMO MSC.1/Circ.1291.	B+D B+E B+F	16.3.2017	13.9.2022 (III)
	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.1464 Rev.1.				



UK/8.1 Water level detectors Row 3 of 3	Type approval requirements — SOLAS 74 Reg. II-1/22-1, — SOLAS 74 Reg. II-1/25, — SOLAS 74 Reg. XII/12.	— IEC-60092-504:2016, — IEC 60529 Ed. 2.2: 2013 incl. Corr1:2013 and Corr2: 2015, — IMO Res.MSC.188(79), — IMOMSC.1/Circ.1291.	B+D B+E B+F	13.9.2019	
	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 UK certification is not complete

Note applicable to section 9:

A set of standards for UK 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
UK/9/1.1	Radar reflector for liferafts
UK/9/1.2	Immersion suit materials
UK/9/1.3	Float-free launching appliances for survival craft
UK/9/1.5	Public address & general emergency alarm system (when used as fire alarm device item A.1/3.53 shall apply)
UK/9/2.3	Equipment using other equivalent methods to reduce on board NO <sub>x</sub> emissions
UK/9/2.4	Equipment using other technological methods to limit SO <sub>x</sub> emissions
UK/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



## 2. Fire protection equipment

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

## 3. Navigation equipment

No	Item designation
UK/9/4.11	Combined GPS/GLONASS equipment
UK/9/4.20	Track control system for - high-speed craft
UK/9/4.33	Track control system (working at ship's speed from 30 knots and above)
UK/9/4.37	Electronic Inclinometer
UK/9/4.66	Nautical publications in digital form as defined by SOLAS V/27



4. Radiocommunication equipment

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

5. Equipment required under COLREG 72

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

6. Other safety equipment

No	Item designation
UK/9/7.1	Loading instrument
UK/9/7.2	Water level detectors on bulk carriers



7. SOLAS Chapter II-1 equipment

No	Item designation
UK/9/8.1	Cold weather starting of generator sets (starting devices)