



Maritime &
Coastguard
Agency

MERCHANT SHIPPING NOTICE

MSN 1874 (M+F) Amendment 9 Marine Equipment – United Kingdom conformity assessment procedures for marine equipment, Other Approval and Standards

Notice to all:

- Manufacturers and Distributors of Marine Equipment
- Masters, Officers and Skippers of: Merchant Ships, Fishing Vessels, Small Commercial Vessels and Pleasures Vessels
- Ship: Builders, Designers, Operators, Owners and Managers
- Marine Consultants, Recognised Organisations, Certifying Authorities, and Approved and Nominated Bodies

This Notice should be read with the Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended by the Merchant Shipping (Marine Equipment) (Amendment etc.) (EU Exit) Regulations 2019 SI 2019/470, the Merchant Shipping (Marine Equipment) (Amendment) (UK and US Mutual Recognition Agreement) (EU Exit) Regulations 2019 SI 2019/1304 (“the Regulations”) and MIN 590 Amendment 5 – United Kingdom conformity assessment procedures for marine equipment following the transition period and relevant UK carriage requirement instruments.

This Notice replaces MSN 1874 (M+F) amendment 8.

Summary

This Notice has been given force of law by Statute (SI 2016/1025) as amended.

The objective of the Regulations is to enhance safety at sea and prevention of pollution to the marine environment through the uniform application of the relevant international instruments relating to equipment to be placed on board ships registered with the UK.

This Notice gives technical information and guidance about the procedures for obtaining type approval in conformity with the Regulations. It also gives information regarding the United Kingdom's policy for enforcing these requirements, and other standards to be applied to equipment on board United Kingdom ships.

This Notice replaces Merchant Shipping Notice 1874 (M+F) amendment 8 in view of amendments to the Regulations (as originally enacted) to operate effectively and other deficiencies arising from the withdrawal of the United Kingdom from the European Union.

1. Introduction

1.1 The Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended ("the Regulations") and this Notice sets out performance and testing standards to be met by marine equipment placed or to be placed on board a UK ship in accordance with the UK's conformity assessment procedures, as detailed in Part I of this Notice.

1.1.1 This Notice also sets out type approval procedures for equipment placed or to be placed on board UK ships which is outside the scope of the UK's conformity assessment procedures for marine equipment, but which requires conformity approval by various UK instruments. Such type approvals are carried out by nominated bodies in accordance with the procedures in Part II of this Notice.

1.1.2 Vessels are required to install on board UK approved marine equipment, however, in situations where this is not possible, a three-step approach to allow fitting of non-UK conformity marked equipment on board a UK vessel is detailed in 1.1.2 (i) to (iii)

- i. Owners/operators/masters are advised of the requirement and expectation to procure and fit UK approved equipment on board a UK registered vessel.
- ii. If it is not possible to comply with 1.1.2(i), equipment approved by the United States Coast Guard (USCG) under the UK/US Mutual Recognition Agreement (MRA) as detailed in Annex 6 to this notice is accepted and can be placed on board a UK registered vessel.
- iii. If it is not possible to comply with 1.1.2 (i) and (ii), the owner/operator/master should liaise with their MCA Customer Service Manager to request the MCA to review their proposal to fit non-UK approved equipment which has alternative international approval (eg: EU MED or Type approval) and consider issuing a 'Letter of Acceptance'. This is on the basis that Reg. 6(1) of the Merchant Shipping (Marine Equipment) Regulations 2016 allows for acceptance of equipment when compliance is impracticable or unreasonable provided an equivalent level of safety is achieved.

1.2 Further, this Notice sets out the technical standards for equipment not requiring conformity assessment of type approval, before being placed on board a UK ship and for which the carriage requirement does not provide for a specific standard of equipment.

1.3 This Notice is split into three parts, covering three overarching categories of equipment:

1.3.1 Part I, sets out the equipment within the scope of the UK's conformity assessment procedures for marine equipment and the associated technical requirements to which equipment must be approved by an approved body.

1.3.2 Part II, sets out the requirements for equipment that falls outside the scope of the

- UK's conformity assessment procedures for marine equipment but nonetheless requires approval of the Maritime & Coastguard Agency ("MCA") as the flag administration for UK ships under the international instruments, and equipment required to be approved in accordance with other UK domestic instruments; and
- 1.3.3 Part III sets out technical standards and arrangements for other equipment, where there is no specified standard for such equipment in existing UK instruments.

1.4 Interpretation:

In this notice:

- 1.4.1 "The Regulations" shall mean the Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended by the Merchant Shipping (Marine Equipment) (Amendment etc.) (EU Exit) Regulations 2019 SI 2019/470.
- 1.5.2 Where a specific regulation is cited, unless specifically stated otherwise, this shall be construed as reference to a regulation within the Regulations.
- 1.5.3 Where the term "Part" is used in relation to Part I, II or III of this Notice, this refers to the respective part of this Notice.
- 1.5.4 Unless expressly stated otherwise, a term used in this Notice shall have the same meaning as defined in regulation 2 of the Regulations.

Part I – Equipment within scope of the UK conformity assessment procedures for marine equipment

2. Scope of equipment approval according to the UK conformity assessment procedures for marine equipment

- 2.1 Equipment within the scope of Part I is that which is required by the international instruments and must be approved by the flag State administration of the relevant ship, as provided for in regulation 5(1).
- 2.2 Equipment to which Part I applies must be approved by one or more approved bodies. For more information regarding the approval procedure and/or the application of requirements of such equipment, an approved body which may assess the relevant equipment should be contacted. A full list of approved bodies can be found in paragraph 5.3 of this Part.
- 2.3 Manufacturers with existing approval certificates in accordance with the EU Marine Equipment Directive (Directive 2014/90/EU on marine equipment) ("MED") were, until 1 January 2023, able to make their equipment available to the UK market and be placed on board UK ships as provided for in regulation 5 (provided MED and UK standards remained equivalent). However, from 1 January 2023, this is no longer accepted – except for the circumstances outlined in paragraphs 2.5 and 2.6 below.
- 2.4 MED approved marine equipment placed on board a UK flagged vessel before 1 January 2023 can remain on board for the duration of its operational life and only when items are replaced, after 1 January 2023, must they be replaced with UK approved marine equipment in accordance with the requirements in this MSN. This means that MED approved equipment that is on board a UK flagged vessel prior to the 1 January 2023 can remain on board until the end of the equipment's operational life. For example, if a piece of MED approved equipment was on board a UK flagged vessel prior to 1 January 2023, and then reached the end of its operational life after 1 January 2023; it would need to be replaced with UK approved marine equipment thereafter.
- 2.5 Additionally, MED approved marine equipment that has been manufactured **before 1 January 2023** can continue to be placed on board United Kingdom ships as if it was a United Kingdom approved piece of marine equipment, subject to the timeframes around placing on board outlined elsewhere in this notice. If such

equipment has been manufactured after 1 January 2023, then it must be UK approved.

3. Requirements for equipment to be placed on board a UK ship

- 3.1 Equipment placed on board a UK ship to which this Part applies must meet the design, construction and performance requirements of the international instruments detailed in Annex 1 of this Notice applicable at the time when that equipment is placed on board in accordance with regulation 5(1)
- 3.2 Unless there is a change in the applicable standards specified in Annex 1 of this Notice for equipment already placed on board a UK ship, existing approval will continue to be accepted providing equipment continues to operate in accordance with its existing approval. If equipment is replaced, it must be replaced with equipment which complies with the Regulations.

4. Domestic passenger ships and large fishing vessels

- 4.1 As required by regulation 5(2), where equipment is specified in Annex 1 of this Notice, a domestic passenger ship or fishing vessel must carry equipment that complies with applicable international standards, except where a carriage requirement provides for an alternative standard. The carriage requirements are listed in Annex 4 of this Notice.
- 4.2 Regulation 5(2)(c) provides an exception to regulation 5(2) detailed above, such that equipment voluntarily placed on board must meet the standard(s) specified by the Secretary of State. This provision is to allow flexibility while ensuring a minimum standard of safety. Such specified standards will be agreed by a ship's appointed MCA surveyor where it is proven that the equipment complying with applicable international standards does not offer a practicable solution for reasons of size of the equipment/ integration with the ship or vessel etc.

5. UK Approved Bodies

- 5.1 The MCA has designated organisations listed below as approved bodies for the purpose of carrying out approvals of equipment to undertake the examination, testing and certification of the equipment specified in Annex 1 of this Notice.
- 5.2 For information regarding the equipment types and modules of conformity an approved body may perform, the specific body must be contacted.
- 5.3 Please see paragraph 6 for information regarding provisionally appointed UK Approved Bodies, including a definition.

<p>Apragaz Shearway Road Folkestone CT19 4RH Email: B.Neve@apragaz.com</p>	<p>BSI Group Kitemark Court Davy Avenue Knowhill Milton Keynes MK5 8PP Tel: +44(0) 845 080 9000 Email: Richard.gurney@bsigroup.com</p>
<p>Shirley Technologies Limited Trading as BTTG Unit 6 Wheel Forge Way Trafford Park Manchester M17 1EH Tel: +44(0) 161 876 4211 Email: Certification@bttg.co.uk</p>	<p>BRE Global Bucknalls Lane Garston WD25 9XX Tel: +44(0) 333 321 8811 Email: enquiries@bregroup.com</p>

<p>Bureau Veritas 206 Fort Dunlop Fort Parkway Birmingham B24 9FD</p> <p>Email: marineequipment.paris@bureauveritas.com</p>	<p>Centexbel International Ltd 8 Northumberland Avenue London WC2N 5BY</p> <p>Tel: Email: info@centexbelinternational.co.uk</p>
<p>DBI Certification UK Ltd Unit 1 & 2 Northcot Park Station Road Blockley Gloucestershire GL56 9LH</p> <p>Email: info@dbicertification.co.uk</p>	<p>DNV UK Ltd Technical manager for DNV UK Ltd: Mark.Hayward@DNV.com</p> <p>Service area responsible: Burkhard.Lilienthal@DNV.com</p> <p>Marine equipment practice responsibilities: Christine.Mydlak@DNV.com Oyvind.Hoff@DNV.com</p> <p>Vivo Building 30 Stamford Street London SE1 9LQ</p>
<p>Fleetwood Test House Blackpool & Fylde College Fleetwood FY7 8JZ</p> <p>Tel: +44(0) 1253 504725 Email: Brooke.Schofield@blackpool.ac.uk</p>	<p>KIWA Ltd Kiwa House Malvern View Business Park Stella Way Bishops Cleeve Cheltenham Gloucestershire GL52 7DQ</p> <p>Tel: +44(0) 1242 677877 Email: uk.enquiries@kiwa.com</p>
<p>Lloyds Register Marine Ltd Lloyd's Register Marine Ltd. Global Technology Centre Hampshire House Hampshire Corporate Park Southampton SO53 3RY</p> <p>Tel: +44(0)330 414 0425 Email: TASS@lr.org</p>	<p>TUV SUD BAPT Unlimited Octagon House, Concorde Way, Segensworth, North Fareham P015 5RL Hampshire</p> <p>Tel: 01489 558100 Email: babt@tuvsud.com</p>
<p>UL International (UK) Ltd Unit 1 – 3 Horizon Kingsland Business Park Wade Road Basingstoke Hampshire RG24 8AH</p> <p>Tel: +44 (0) 01256 312100 Email: Neil.Friggi@ul.com Michael.Kirkland@ul.com</p>	<p>Warrington Testing and Certification Ltd Suite 302 Genesis Centre Birchwood Warrington Cheshire WA3 7BH</p> <p>Tel: +44 (0) 1925 646 671 Tel: +44 (0) 1925 655 116 Email: Stacey.Deeming@warringtonfire.com</p>

5.4 Approved Bodies must meet the requirements of Schedule 3 of the Regulations and will be assessed at least once every 2 years to confirm compliance with

these requirements. The United Kingdom Accreditation Services (UKAS) as the national accreditation body is delegated this assessment responsibility. Further information and guidance is available for conformity assessment bodies wishing to be designated as an approved body in Marine Guidance Note 554 as amended.

- 5.5 An Approved body is permitted, at their discretion, to issue a UK certificate of conformity of any module, provided the product has an existing valid, in date EU MED conformity assessment certificate. Any new UK certificate issued should have the same expiry date as the EU certificate.
- 5.6 The MCA is responsible for designating approved bodies on behalf of the Secretary of State. For this purpose, the MCA can be contacted at the following address:

UK Technical Services Ship Standards
Maritime and Coastguard Agency
Bay 2/21
Spring Place
105 Commercial Road
Southampton
SO15 1EG
Email: MEQA@mcga.gov.uk

6. UK Market surveillance

- 6.1 The MCA, on behalf of the Secretary of State for Transport, is the market surveillance authority for equipment and is required to carry out market surveillance. Approved Bodies, manufacturers and manufacturers' authorised representatives must cooperate with MCA market surveillance inspectors as indicated in this Part and in accordance with the Regulations. Market surveillance seeks to ensure the safety of products offered for supply to the UK market and UK ships. Such market surveillance will take into consideration the conformity assessment procedures applicable to equipment and the responsibilities of the flag State administrations in the international instruments.
- 6.2 Market surveillance may include the inspection of documents supplied with equipment to confirm its compliance as well as checks of equipment specified in regulation 5(1), whether or not it has been placed on board a UK ship. Where checks are carried out on equipment placed on board a UK ship, such checks will be limited to examinations that can be carried out while the equipment remains fully functional on board.
- 6.3 When the MCA has received evidence to suggest equipment specified in Part I may not be in compliance with the international instruments and/or poses a risk to the safety of persons on board UK ships or the marine environment it may seek further evidence by carrying out sample checks of such equipment. Accordingly, the MCA may request the manufacturer to provide the necessary samples at the manufacturer's own cost or give on-the-spot access to the samples at the manufacturer's premises.
- 6.4 Where the MCA has sufficient reason to believe that equipment to which this Part is applicable presents a risk to maritime safety, to health or to the environment, it may carry out an evaluation in relation to the equipment concerned covering all the requirements for such equipment. The relevant economic operators must cooperate as necessary with the MCA in accordance with the Regulations. Additionally, the MCA may inform the public on the potential risk via the publication of safety bulletins etc.

6.5 Where the MCA finds that, subject to the evaluation in 6.4, the equipment does not comply with the requirements in this Part, the MCA may without delay require the relevant economic operator to take all appropriate corrective actions to bring the equipment into compliance with those requirements, using existing powers in the Merchant Shipping Act 1995 by way of an Improvement or Prohibition Notice. This will be commensurate with the nature and extent of the risk which the MCA considers is posed by the equipment, as it may prescribe, or any other corrective measure justified by the MCA. The MCA will inform the relevant approved body accordingly. Where the economic operator does not carry out such corrective measures within the timeframe specified by the MCA, the MCA may initiate such appropriate measures as are necessary to prohibit or restrict non-compliant equipment from being supplied to the UK market or placed on board UK ships.

6.6 Where it is considered that non-compliance may not be limited to the UK market, the MCA may inform other parties to the international instruments flag administrations and international organisations to include the nature of the non-compliance and the corrective actions which has been implemented.

PART II – Approved equipment outside the scope of the UK’s conformity assessment procedures but requiring approval under international instruments or other UK domestic instruments

7. Scope of Approval

7.1 Equipment to which this Part applies is that equipment outside the scope the UK’s conformity assessment procedures for marine equipment, but nonetheless requires approval by the MCA as a UK ship’s flag administration under international instruments. Part II also applies to equipment that requires approval by other UK domestic instruments and are specified in Annex 2 of this Notice. This equipment must be type approved by the UK Nominated Bodies.

7.2 Where equipment within the scope of this Part is of a novel nature or subject to significant design changes or the specifications or testing requirements are not considered to be sufficiently developed or experience of their usage is limited, the MCA must be contacted regarding the undertaking of the necessary approval procedure. For this purpose, the MCA contact details in paragraph 5.5 above should be used. This is in addition to also contacting a relevant Nominated Body.

8. Requirements for equipment

8.1 Equipment which is placed on board a UK ship to which this Part applies must hold a valid type approval certificate issued by a nominated body at the time when that equipment is placed on board.

8.2 The performance and testing standards of equipment within the scope of this Part are specified in Annex 2 of this Notice. In consultation with the MCA, a nominated body may waive the requirements for any test specifically cited in a performance standard providing it is satisfied that the sample has met the criteria of a specification superior to that of the prescribed test.

8.3 Existing type approval certificates for equipment within the scope of this Part will remain valid before the certificate’s expiry date, or until cancelled. Upon the expiry date of the certificate, manufacturers must re-apply for renewal of their certificate to a nominated body. If requirements have not changed a new certificate will be issued. All certificates of type approval will be valid for up to 5 years.

8.4 Unless there is a change in the required standards specified in Annex 2 of this Notice applicable to equipment already placed on board a UK ship, existing approval will continue to be accepted providing the equipment operates satisfactorily. If it needs to be replaced, then it must be replaced with equipment for which a current

type approval certificate is in force.

9. Domestic passenger ships and large fishing vessels

- 9.1 As required by regulation 5(2), where equipment is specified in Annex 2 of this Notice, a domestic passenger ship or fishing vessel must carry equipment that has been approved by a nominated body, except where a carriage requirement provides for an alternative standard to be met. The carriage requirements are listed in Annex 4 of this Notice.
- 9.2 Regulation 5(2)(c) provides an exception to regulation 5(2) detailed above, such that equipment voluntarily placed on board must meet the standard(s) specified by the Secretary of State. This provision is to allow flexibility while ensuring a minimum standard of safety. Such specified standards will be agreed by a ship's appointed MCA surveyor where it is proven that the equipment complying with applicable international standards does not offer a practicable solution for reasons of size of the equipment/ integration with the ship or vessel etc.

10. Application for type approval

- 10.1 A manufacturer or person wishing to obtain type approval of equipment specified in Annex 2 of this Notice must submit an application to a nominated body, in accordance with Part 4 of the Regulations. The application must include:
- 10.1.1 The name and address of the manufacturer and, if the application is lodged by an authorised representative, their name and address.
 - 10.1.2 A written declaration that the same or a similar application has not been lodged with another nominated body.
 - 10.1.3 The technical documentation described in 10.3 below; and
 - 10.1.4 The applicant must place at the disposal of the nominated body, sufficient specimens representative of the production envisaged. The nominated body may request further specimens if needed for carrying out the test programme.
- 10.2 The technical documentation must enable a nominated body to assess conformity of the product with the requirements and testing standards specified in Annex 2 of this Notice. It must cover the design, build standards, manufacture and functioning of the equipment, as far as relevant for conformity assessment.
- 10.3 The technical documentation must contain all relevant data or means used by the manufacturer to ensure that the equipment complies with the essential requirements relating to it. It must also enable understanding of the design, manufacture and operation of the product and assessment of conformity with the relevant requirements.
- 10.4 The documentation shall contain so far as is relevant for assessment:
- 10.4.1 A general description of the equipment.
 - 10.4.2 Conceptual design and manufacturing drawings and schemes of components and relevant supporting drawings.
 - 10.4.3 Descriptions and explanations necessary for the understanding of the drawings and schemes including operation of the equipment.
 - 10.4.4 Results of design calculations made, impartial examinations carried out etc.
 - 10.4.5 Impartial test reports; and
 - 10.4.6 Manuals for installation, use and maintenance.

10.5 Where appropriate, the design documentation must contain the following elements:

10.5.1 Attestations relating to the equipment incorporated in the appliance.

10.5.2 Attestations and certificates relating to the methods of manufacture and/or inspections and/or monitoring of the appliance; and

10.5.3 Any other document making it possible for the nominated body to improve its assessment.

11. Assessment of type approval

11.1 On receipt of an application for type approval in accordance with paragraph 10 above, a nominated body must:

11.1.1 Examine the technical documentation and verify that the equipment has been manufactured in conformity with the technical documentation;

11.1.2 Agree with the applicant the location where the examination and necessary tests are to be carried out; and

11.1.3 Perform or have performed the appropriate examination and necessary tests to check whether the relevant requirements specified in Annex 2 are complied with.

11.2 Type approval tests must be conducted at a laboratory accredited for such tests by the UKAS or equivalent national accreditation body. However, if no such laboratory is available, a laboratory recognised by the nominated body as offering suitable and satisfactory guarantee of technical and professional competence, quality procedures and autonomy with particular reference to the application of ISO/IEC 17025 (2017), as amended may be used.

11.3 Where the equipment meets the provisions of the relevant requirements specified in Annex 2 of this Notice and test and performance standards, the nominated body must issue a certificate of type approval to the applicant. The certificate must contain the name and address of the manufacturer, details of the equipment, conclusions of the examination, conditions for its validity and the necessary data for identification of the approved type.

11.4 A list of the relevant parts of the technical documentation including drawings and instructions must be annexed to the certificate and a copy kept by the nominated body.

11.5 If the manufacturer is refused a certificate of type approval, the nominated body must provide detailed reasons for such refusal in writing, to the applicant for type approval.

11.6 Where an application is rejected after completion of the type approval procedure, the manufacturer must modify the equipment to take account of the reasons for rejection before making a new submission to the nominated body. In the manufacturer's application to the nominated body they must include:

11.6.1 the original examination and test results.

11.6.2 the detailed reasons provided by the nominated body for the previous refusal; and

11.6.3 details of all modifications made to the equipment since the previous application.

11.7 Upon receipt of the re-submission of the application for type approval, the nominated body must re-open the approval procedure.

11.8 The applicant must inform the nominated body that holds the technical

documentation concerning the certificate of type approval of all modifications to the approved product which must receive additional approval where such changes may affect the conformity with the requirements or the prescribed conditions for use of the equipment. This additional approval must be given in the form of an addition to the original certificate of type approval.

12. Issue of type approval

- 12.1 Providing that a nominated body is satisfied that the equipment complies in all respects with the requirements in Annex 2 of this Notice and any specifications laid down by the MCA and subject to the provisions below, the nominated body must issue a certificate of type approval stating the terms and conditions of approval and period of validity which must be up to 5 years.
- 12.2 A certificate of type approval refers only to equipment identical to that assessed. It is also a condition of issue of the certificate that a manufacturer must consult with the nominated body prior to any alteration to the approved standard of the equipment, hardware, software or firmware.
- 12.3 The nominated body may require further testing and assessment to be undertaken in the event of a modification, or series of modifications, being considered to constitute sufficient departure from the approved standard of the equipment hardware, software or firmware for which the certificate of type approval was originally issued.
- 12.4 The certificates of type approval and/or their additions and annexes to the certificates, technical documentation, other documentary evidence used to type approve the equipment must be kept at the disposal of the MCA and other nominated bodies for a period of not less than 10 years after the last product has been manufactured.
- 12.5 The manufacturer or his authorised representative shall keep with the technical documentation copies of certificates of type approval and their additions for a period of at least 10 years after the last product has been manufactured.

13. Nominated Bodies

- 13.1 Nominated Bodies are those bodies which have been designated by the Secretary of State to carry out type approval of equipment placed on board UK ships under regulation 4 of the Regulations. The designated UK nominated bodies are listed below along with the equipment types they are designated to approve.

<p>Bureau Veritas Bureau Veritas 206 Fort Dunlop Fort Parkway Birmingham B24 9FD</p> <p>Email: marineequipment.paris@bureauveritas.com</p>	<p>DNV UK Ltd Vivo Building 30 Stamford Street London SE1 9LQ Tel: 020 3816 4000</p> <p>Technical Manager for DNV UK Ltd Mark.Hayward@DNV.com MER Mailbox: UKMER@DNV.com</p>
<p>Lloyd's Register Global Technology Centre Hampshire House Hampshire Corporate Park Southampton</p>	<p>RINA Services S.p.A. North Wing, 1st Floor 2 Charlotte Place 29-31 Kingston Crescent Southampton</p>

SO53 3RY Tel: +44(0)330 414 0425 Email: TASS@lr.org	SO14 0TB Tel: +44 (0)2380 332271 Email: southampton.office@rina.org
TUV SUD BABT Unlimited Octagon House, Concorde Way, Segensworth North Fareham PO15 5RL Hampshire Tel: +44 (0)1489 558100 Email: babt@tuvsud.com	

The nominated bodies listed in Column 1 of Table A below may undertake type approval of any of the categories of equipment listed in Column 2 of Table A.

The nominated bodies listed in Column 1 of Table B below may undertake type approval only of the categories of equipment listed in Column 2 of Table B.

Table A

Column 1	Column 2
Nominated Body	Equipment category
Bureau Veritas DNV UK Ltd Lloyds Register RINA Services S.p.A	Life-saving appliances Marine pollution prevention equipment Fire protection equipment Marine engineering equipment Crew accommodation equipment Equipment required under COLREG 72 Bulk carrier safety equipment SOLAS Chapter II-1 equipment

Table B

Column 1	Column 2
Nominated Body	Equipment category
TUV SUD BABT Unlimited	Navigation equipment Radiocommunication equipment Life-saving appliances (radar reflector for liferafts)

13.2 Each nominated body must provide upon request to the MCA and other nominated bodies the relevant information concerning the certificates of type approval and additions issued and withdrawn.

Part III – Other equipment standards

14. Scope of equipment standards and requirements

14.1 Equipment within this Part is equipment required by UK instruments and specified in Annex 3 of this Notice, but where no standard for such equipment is specified to provide an acceptable level of safety to domestic ships outside the scope of the international conventions. This equipment may not be of an approved type and in all cases must comply with the relevant standard specified in Annex 3 of this Notice.

15. Requirements for equipment

15.1 Equipment specified in Annex 3 of this Notice and placed on board a UK ship to which this Part applies in accordance with regulation 5(3) must meet the design, construction and performance requirements of the standards in Annex 3 valid at the time when that equipment is placed on board. Annex 3 of this Notice also sets out the ship type to which each specified standard is applicable.

More information

UK Technical Services Ship Standards
Maritime and Coastguard Agency
Bay 2/21
Spring Place
105 Commercial Road
Southampton
SO15 1EG

Telephone: +44 (0)203 81 72000

Email: MEQA@mcga.gov.uk

Website: www.gov.uk/mca

General enquiries: infoline@mcga.gov.uk

Please note that all addresses and telephone numbers are correct at time of publishing.

Published: 24 April 2024

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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 8.

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.
NO _x ,	Nitrogen Oxides.
O ₂ /HC systems,	Oxygen Hydro Carbon systems.
SOLAS,	International Convention for the Safety of Life at Sea, 1974.
SO _x ,	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.

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
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1. Lifesaving appliances

UK/1.1 Lifebuoys Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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 MSC.1/Circ.1628	IMO Res MSC.81(70) as amended.	B + D B + E B + F		10.10.2026 (II)
UK/1.1 Lifebuoys Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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.481(102) IMO MSC.1/Circ.1628/Rev.1	IMO Res MSC.81(70) as amended. IMO Res. MSC.481(102)	B + D B + E B + F	21.03.2024	
UK/1.2a Position-indicating lights for	Type Approval Requirements SOLAS 74 Reg III/4	IMO Res MSC.81(70) as amended.	B+D	13.09.2019	12.08.2023

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
life saving appliances: for Survival craft and rescue boats. Row 1 of 3	SOLAS 74 Reg X/3 Carriage & 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	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+E B+F		(II)
UK/1.2a Position-indicating lights for life saving appliances: for Survival craft and rescue boats. Row 2 of 3 (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.)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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.1/Circ.1628	IMO Res MSC.81(70) as amended. EN 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005 Or: IMO Res MSC.81(70) as amended. IEC 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005	B+D B+E B+F	12.08.2020	
UK/1.2a Position-indicating lights for life saving appliances: for Survival craft and rescue boats. Row 3 of 3 (Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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.81(70) as amended. EN 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005 Or: IMO Res MSC.81(70) as amended. IEC 60945:2002 incl. IEC 60945 corr. 1:2008	B+D B+E B+F	21.03.2024	

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
referred to at IMO Res. MSC 81(70) Clause 10.4 shall be carried out.) (NEW ROW)	IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.1/Circ.1628/Rev.1	ISO 24408:2005			
UK/1.2b Position-indicating lights for life saving appliances: for Lifebuoys. Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8	IMO Res MSC.81(70) as amended. EN 60945:2002 incl. IEC 60945 corr. 1:2008 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	13.09.2019	12.08.2023 (II)
UK/1.2b Position-indicating lights for life saving appliances: for Lifebuoys. Row 2 of 2 (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.)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1628	IMO Res MSC.81(70) as amended. EN 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005 Or: IMO Res MSC.81(70) as amended. IEC 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005	B+D B+E B+F	12.08.2020	

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
<p>UK/1.2b</p> <p>Position-indicating lights for life saving appliances: for Lifebuoys.</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.) (NEW ROW)</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1628/Rev.1</p>	<p>IMO Res MSC.81(70) as amended. EN 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005</p> <p>Or:</p> <p>IMO Res MSC.81(70) as amended. IEC 60945:2002 incl. IEC 60945 corr. 1:2008</p> <p>ISO 24408:2005</p>	<p>B+D B+E B+F</p>	<p>21.03.2024</p>	
<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> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/26 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8</p>	<p>IMO Res MSC.81(70) as amended. EN 60945:2002 incl. IEC 60945 corr. 1:2008</p> <p>Or:</p> <p>IMO Res MSC.81(70) as amended. IEC 60945:2002 incl. IEC 60945 corr. 1:2008</p>	<p>B+D B+E B+F</p>	<p>13.09.2019</p>	<p>12.08.2023 (II)</p>
<p>UK/1.2c</p> <p>Position-indicating lights for</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4</p>	<p>IMO Res MSC.81(70) as amended.</p>	<p>B+D</p>	<p>12.08.2020</p>	

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
life saving appliances: for lifejackets Row 2 of 3 (Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those referred to in IMO Res. MSC 81(70), clause 10.4 shall be carried out.)	SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/26 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1628	EN 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005 Or: IMO Res MSC.81(70) as amended. IEC 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005	B+E B+F		
UK/1.2c Position-indicating lights for life saving appliances: for lifejackets Row 3 of 3 (Note: EN 60945's and IEC 60945's Electromagnetic Compatibility tests are excluded and only those referred to in IMO Res. MSC 81(70), clause 10.4 shall be carried out.) (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/26 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1628/Rev.1	IMO Res MSC.81(70) as amended. EN 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005 Or: IMO Res MSC.81(70) as amended. IEC 60945:2002 incl. IEC 60945 corr. 1:2008 ISO 24408:2005	B+D B+E B+F	21.03.2024	
UK/1.3	Type Approval Requirements SOLAS 74 Reg III/4	IMO Res MSC.81(70) as amended.	B+D		12.08.2023 (II)

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
Lifebuoys self-activating smoke signals Row 1 of 3	SOLAS 74 Reg X/3 Carriage & 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		B+E B+F		
UK/1.3 Lifebuoys self-activating smoke signals Row 2 of 3	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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 MSC.1/Circ.1628	IMO Res MSC.81(70) as amended. ISO 15376:2006	B+D B+E B+F	12.08.2020	
UK/1.3 Lifebuoys self-activating smoke signals Row 3 of 3 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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.81(70) as amended. ISO 15376:2006	B+D B+E B+F	21.03.2024	

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
	IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1628/Rev.1				
UK/1.4 Lifejackets Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7, SOLAS 74 Reg III/22, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) II, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC/Circ.922, IMO MSC.1/Circ.1304, IMO MSC.1/Circ.1470 IMO MSC.1/Circ.1628.	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)
UK/1.4 Lifejackets Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.481(102) IMO MSC/Circ.922	IMO Res MSC.81(70) as amended. IMO Res MSC.481(102)	B+D B+E B+F	21.03.2024	

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
	IMO MSC.1/Circ.1304 IMO MSC.1/Circ.1470 IMO MSC.1/Circ.1628/Rev.1				
<p>UK/1.5a</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket:</p> <p>Immersion suit without inherent insulation.</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)
<p>UK/1.5a</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket:</p> <p>Immersion suit without inherent insulation.</p> <p>Row 2 of 2 (NEW ROW)</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II</p>	IMO Res MSC.81(70) as amended. IMO Res MSC.481(102)	B+D B+E B+F	21.03.2024	

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
	IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.481(102) IMO MSC/Circ.1046 IMO MSC.1/Circ.1628/Rev.1				
<p>UK/1.5b</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket:</p> <p>Immersion suit with inherent insulation</p> <p>Row 1 of 2</p>	<p>Type Approval requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage and performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)
<p>UK/1.5b</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket:</p> <p>Immersion suit with inherent insulation</p> <p>Row 2 of 2</p> <p>(NEW ROW)</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I</p>	IMO Res MSC.81(70) as amended. IMO Res MSC.481(102)	B+D B+E B+F	21.03.2024	

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
	IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.481(102) IMO MSC/Circ.1046 IMO MSC.1/Circ.1628/Rev.1				
UK/1.5c Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: Anti-exposure suits Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)
UK/1.5c Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: Anti-exposure suits Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II	IMO Res MSC.81(70) as amended. IMO Res. MSC.481(102)	B+D B+E B+F	21.03.2024	

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
	IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res. MSC.481(102) IMO MSC/Circ.1046 IMO MSC.1/Circ.1628/Rev.1				
<p>UK/1.6a</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITHOUT a lifejacket:</p> <p>Immersion suit without inherent insulation</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)
<p>UK/1.6a</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITHOUT a lifejacket:</p> <p>Immersion suit without inherent insulation</p> <p>Row 2 of 2 (NEW ROW)</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II</p>	IMO Res MSC.81(70) as amended IMO Res MSC.481(102)	B+D B+E B+F	21.03.2024	

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
	IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.481(102) IMO MSC/Circ.1046 IMO MSC.1/Circ.1628/Rev.1				
<p>UK/1.6b</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITHOUT a lifejacket:</p> <p>Immersion suit without inherent insulation</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)
<p>UK/1.6b</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITHOUT a lifejacket:</p> <p>Immersion suit without inherent insulation</p> <p>Row 2 of 2</p> <p>(NEW ROW)</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II</p>	IMO Res MSC.81(70) as amended. IMO Res MSC.481(102)	B+D B+E B+F	21.03.2024	

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
	IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.481(102) IMO MSC/Circ.1046 IMO MSC.1/Circ.1628/Rev.1				
<p>UK/1.6c</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITHOUT a lifejacket:</p> <p>Anti-exposure suit</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)
<p>UK/1.6c</p> <p>Immersion suits and anti-exposure suits designed to be worn in conjunction WITHOUT a lifejacket:</p> <p>Anti-exposure suit</p> <p>Row 2 of 2</p> <p>(NEW ROW)</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg III/7 SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II</p>	IMO Res MSC.81(70) as amended IMO Res. MSC.481(102)	B+D B+E B+F	21.03.2024	

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
	IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res. MSC.481(102) IMO MSC/Circ.1046 IMO MSC.1/Circ.1628/Rev.1				
UK/1.7 Thermal protective aids Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628	IMO Res MSC.81(70) as amended.	B+D B+E B+F		
UK/1.7 Thermal protective aids Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/22 SOLAS 74 Reg III/32 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.1046 IMO MSC.1/Circ.1628/Rev.1	IMO Res MSC.81(70) as amended.	B+D B+E B+F	21.03.2024	

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
UK/1.8 Rocket Parachute flares (pyrotechnics) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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) II IMO Res MSC.97(73) (2000 HSC Code) 8	IMO Res MSC.81(70) as amended.	B+D B+E B+F		12.08.2023 (II)
UK/1.8 Rocket Parachute flares (pyrotechnics) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & 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) II IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1629	IMO Res MSC.81(70) as amended. ISO 15736:2006	B+D B+E B+F	12.08.2020 (II)	
UK/1.9 Hand flares (pyrotechnics) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8	IMO Res MSC.81(70) as amended.	B+D B+E B+F		12.08.2023 (II)

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
	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/1.9 Hand flares (pyrotechnics) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) III IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1629	IMO Res MSC.81(70) as amended. ISO 15736:2006	B+D B+E B+F	12.08.2020	
UK/1.10 Buoyant smoke signals (pyrotechnics) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) III	IMO Res MSC.81(70) as amended.	B+D B+E B+F		12.08.2023 (II)
UK/1.10 Buoyant smoke signals (pyrotechnics) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) III IMO MSC.1/Circ.1629	IMO Res MSC.81(70) as amended. ISO 15736:2006	B+D B+E B+F	12.08.2020	

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
UK/1.11 Line throwing appliances 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		12.08.2023 (II)
	Carriage & Performance requirements SOLAS 74 Reg III/18 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) VII IMO Res MSC.97(73) (2000 HSC Code) 8				
UK/1.11 Line throwing appliances 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	12.08.2020	
	Carriage & Performance requirements SOLAS 74 Reg III/18 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) VII IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1633				
UK/1.12 Inflatable liferafts Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended. And for extended service intervals: IMO MSC.1/Circ.1328.	B+D B+E B+F		10.10.2026 (II)
	Carriage & Performance requirements SOLAS 74 Reg III/13 SOLAS 74 Reg III/21				

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		
	SOLAS 74 Reg III/26 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.811 IMO MSC.1/Circ.1328 IMO MSC.1/Circ.1630						
UK/1.12 Inflatable liferafts Row 2 of 2 (NEW ROW)	<table border="1"> <tr> <td> Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 </td> <td rowspan="2"> IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102) And for extended service intervals: IMO MSC.1/Circ.1328. </td> </tr> <tr> <td> Carriage & Performance requirements SOLAS 74 Reg III/13 SOLAS 74 Reg III/21 SOLAS 74 Reg III/26 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res.481(102) IMO MSC/Circ.811 IMO MSC.1/Circ.1328 IMO MSC.1/Circ.1630/Rev.2 </td> </tr> </table>	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102) And for extended service intervals: IMO MSC.1/Circ.1328.	Carriage & Performance requirements SOLAS 74 Reg III/13 SOLAS 74 Reg III/21 SOLAS 74 Reg III/26 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res.481(102) IMO MSC/Circ.811 IMO MSC.1/Circ.1328 IMO MSC.1/Circ.1630/Rev.2	B+D B+E B+F	21.03.2024	
Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102) And for extended service intervals: IMO MSC.1/Circ.1328.						
Carriage & Performance requirements SOLAS 74 Reg III/13 SOLAS 74 Reg III/21 SOLAS 74 Reg III/26 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res.481(102) IMO MSC/Circ.811 IMO MSC.1/Circ.1328 IMO MSC.1/Circ.1630/Rev.2							
UK/1.13 Rigid liferafts	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)		

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
Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg III/21 SOLAS 74 Reg III/26 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1630				
UK/1.13 Rigid liferafts Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21 SOLAS 74 Reg III/26 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.481(102) IMO MSC.1/Circ.1630/Rev.2	IMO Res MSC.81(70) as amended IMO Res MSC 481(102)	B+D B+E B+F	21.03.2024	
UK/1.14a	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)

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
Automatically self-righting liferafts: Inflatable Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg III/26, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC/Circ.809, IMO MSC/Circ.811, IMO MSC.1/Circ.1328, IMO MSC.1/Circ.1630.	And for extended service intervals: IMO MSC.1/Circ.1328			
UK/1.14a Automatically self-righting liferafts: Inflatable Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/26, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC/Circ.809, IMO MSC/Circ.811, IMO MSC.1/Circ.1328, IMO MSC.1/Circ.1630/Rev.2	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102) And for extended service intervals: IMO MSC.1/Circ.1328	B+D B+E B+F	21.03.2024	
UK/1.14b	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)

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
Automatically self-righting liferafts: Rigid Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.809 IMO MSC/Circ.811 IMO MSC.1/Circ.1328 IMO MSC.1/Circ.1630				
UK/1.14b Automatically self-righting liferafts: Rigid Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res. MSC 481(102) IMO MSC/Circ.809 IMO MSC/Circ.811 IMO MSC.1/Circ.1328 IMO MSC.1/Circ.1630/Rev.2	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102).	B+D B+E B+F	21.03.2024	
UK/1.15	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended.	B+D B+E B+F		10.10.2026 (II)

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
Canopied reversible liferafts Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC/Circ.809 IMO MSC/Circ.811 IMO MSC.1/Circ.1328 IMO MSC.1/Circ.1630	And for extended service intervals: IMO MSC.1/Circ.1328			
UK/1.15 Canopied reversible liferafts Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/26, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC/Circ.809, IMO MSC/Circ.811, IMO MSC.1/Circ.1328, IMO MSC.1/Circ.1630/Rev.2	IMO Res MSC.81(70) as amended, IMO Res. MSC 481(102). And for extended service intervals: IMO MSC.1/Circ.1328	B+D B+E B+F	21.03.2024	
UK/1.16	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		

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
Float-free arrangements for liferafts (hydrostatic release units)	Carriage & Performance requirements SOLAS 74 Reg III/13, SOLAS 74 Reg III/26, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC/Circ.811, IMO MSC.1/Circ.1630.				
UK/1.17a Lifeboats Davit-launched lifeboats: - Partially enclosed - Totally enclosed Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) IV IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1423 IMO MSC.1/Circ.1630	IMO Res MSC.81(70) as amended. IMO MSC/Circ.1006	B+D B+F G		10.10.2026 (II)
UK/1.17a Lifeboats Davit-launched lifeboats:	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended, IMO Res MSC.481(102), IMO MSC/Circ.1006	B+D B+F G	21.03.2024	

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
<ul style="list-style-type: none"> - Partially enclosed - Totally enclosed Row 2 of 2 (NEW ROW)	Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res MSC 481(102), IMO MSC.1/Circ.1423, IMO MSC.1/Circ.1630/Rev.2				
UK/1.17b Lifeboats Free-fall lifeboats Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1423, IMO MSC.1/Circ.1630.	IMO Res MSC.81(70) as amended. IMO MSC/Circ.1006	B+D B+F G		10.10.2026 (II)
UK/1.17b Lifeboats Free-fall lifeboats	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements	IMO Res MSC.81(70) as amended, IMO Res. MSC 481(102)	B+D B+F G	21.03.2024	

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
Row 2 of 2 (NEW ROW)	SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res. MSC 481(102), IMO MSC.1/Circ.1423, IMO MSC.1/Circ.1630/Rev.2.	IMO MSC/Circ.1006			
UK/1.17c Davit-launched liferafts used as a rescue boat - Partially enclosed - Totally enclosed Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 <hr/> Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.48(66) (LSA Code) V, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1423, IMO MSC.1/Circ.1630, IMO MSC.1/Circ.1631.	IMO Res MSC.81(70) as amended. IMO MSC/Circ.1006	B+D B+F G	29.03.2023	10.10.2026 (II)
UK/1.17c Davit-launched liferafts used as a rescue boat	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102),	B+D B+F G	21.03.2024	

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
<ul style="list-style-type: none"> - Partially enclosed - Totally enclosed Row 2 of 2 (NEW ROW)	Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.48(66) (LSA Code) V, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC.1/Circ.1423, IMO MSC.1/Circ.1630/Rev.2 IMO MSC.1/Circ.1631/Rev.1	IMO MSC/Circ.1006.			
UK/1.18 Rigid rescue boats Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) V, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1631.	IMO Res MSC.81(70) as amended. IMO MSC/Circ.1006	B+D B+F G		10.10.2026 (II)
UK/1.18 Rigid rescue boats	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res MSC.81(70) as amended, IMO Res MSC.481(102),	B+D B+F G	21.03.2024	

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
Row 2 of 2 (NEW ROW)	Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) V, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC.1/Circ.1631/Rev.1.	IMO MSC/Circ.1006			
UK/1.19 Inflated rescue boats Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) V, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1631.	IMO Res MSC.81(70) as amended. ISO 15372:2000	B+D B+E B+F		10.10.2026 (II)
UK/1.19 Inflated rescue boats Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21, SOLAS 74 Reg III/31,	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102) ISO 15372:2000	B+D B+E B+F	21.03.2024	

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
	SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) V, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC.1/Circ.1631/Rev.1				
UK/1.20a Fast rescue boat: Inflated Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 <hr/> Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V IMO MSC/Circ.1016 IMO MSC/Circ.1094 IMO MSC.1/Circ.1631	IMO Res MSC.81(70) as amended. ISO 15372:2000	B+D B+F G		10.10.2026 (II)
UK/1.20a Fast rescue boat: Inflated Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 <hr/> Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V IMO Res. MSC 481(102) IMO MSC/Circ.1016 IMO MSC/Circ.1094 IMO MSC.1/Circ.1631/Rev.1	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102), ISO 15372:2000	B+D B+F G	21.03.2024	

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
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UK/1.20b Fast rescue boast: Rigid Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 <hr/> Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V IMO MSC/Circ.1016 IMO MSC/Circ.1094 IMO MSC.1/Circ.1631	IMO Res MSC.81(70) as amended. IMO MSC/Circ.1006	B+D B+F G		10.10.2026 (II)
UK/1.20b Fast rescue boast: Rigid Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 <hr/> Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V IMO Res. MSC.481(102) IMO MSC/Circ.1016 IMO MSC/Circ.1094 IMO MSC.1/Circ.1631/Rev.1.	IMO Res MSC.81(70) as amended, IMO Res. MSC.481(102) IMO MSC/Circ.1006	B+D B+F G	21.03.2024	

UK/1.20c	Type Approval Requirements SOLAS 74 Reg III/4	IMO Res MSC.81(70) as amended.	B+D B+F		10.10.2026
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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
Fast rescue boats: Rigid-inflatable Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V IMO MSC/Circ.1016 IMO MSC/Circ.1094 IMO MSC.1/Circ.1631	IMO MSC/Circ.1006 ISO 15372:2000	G		(II)
UK/1.20c Fast rescue boats: Rigid-inflatable Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4	IMO Res MSC.81(70) as amended	B+D B+F	21.03.2024	
	Carriage & Performance requirements SOLAS 74 Reg III/26 SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V IMO Res MSC.481(102) IMO MSC/Circ.1016 IMO MSC/Circ.1094 IMO MSC.1/Circ.1631/Rev.1	IMO Res. MSC.481(102) IMO MSC/Circ.1006 ISO 15372:2000	G		
UK/1.21 Launching appliances using falls (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 & Performance requirements SOLAS 74 Reg III/23 SOLAS 74 Reg III/33 SOLAS 74 Reg III/34				

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
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	IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) VI IMO Res MSC.97(73) 2000 HSC Code 8 IMO MSC.1/Circ.1632				
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Item UK/1.22, Float-free launching appliances for survival craft – moved to UK/9/1.3

<p>UK/1.23 Launching appliances for free-fall lifeboats Row 1 of 1</p>	<p>Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & 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, IMO MSC.1/Circ.1632.</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F G		
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<p>UK/1.24 Liferaft launching appliances (Davits) Row 1 of 1</p>	<p>Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements SOLAS 74 Reg III/12, SOLAS 74 Reg III/16, SOLAS 74 Reg III/34,</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F G		
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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
	IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) VI, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1632.				
UK/1.25 Fast rescue boat launching appliances (Davits) Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 Carriage & 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 MSC.1/Circ.1632	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 Carriage & Performance requirements SOLAS 74 Reg III/16, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1419, IMO MSC.1/Circ.1630.	IMO Res MSC.81(70) as amended.	B+D B+E B+F		

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
UK/1.26b Release mechanism for: Liferafts (launched by a fall or falls) Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/16, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1632.	IMO Res MSC.81(70) as amended.	B+D B+E B+F		
UK/1.26c Release mechanism for: Free fall lifeboats Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/16, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1630.	IMO Res MSC.81(70) as amended.	B+D B+E B+F		
UK/1.27 Marine evacuation systems	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		

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
Row 1 of 1	Carriage & 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) IV, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1632.				
UK/1.28 Means of rescue Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 Carriage & 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 MSC.1/Circ.1632	IMO Res MSC.81(70) as amended.	B+D B+F		
UK/1.29 Embarkation ladders Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg III/11 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/11 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) IMO Res MSC.48(66) (LSA Code) I	IMO Res MSC.81(70) as amended. ISO 5489:2008	B+D B+E B+F		

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
	IMO Res MSC.48(66) (LSA Code) VI IMO Res MSC.97(73) (2000 HSC Code) IMO MSC.1/Circ.1285 IMO MSC.1/Circ.1630				
UK/1.30 Retro-reflective materials Row 1 of 3	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.97(73) (2000 HSC Code) 8	IMO Res.A.658(16) as amended.	B+D B+E B+F		15.08.2025
UK/1.30 Retro-reflective materials Row 2 of 3	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1628	IMO Res.MSC.481(102)	B+D B+E B+F	29.03.2023	
UK/1.30 Retro-reflective materials	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3	IMO Res.MSC.481(102)	B+D B+E B+F	21.03.2024	

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
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Row 3 of 3 (NEW ROW)	Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.97(73) (2000 HSC Code) 8 IMO MSC.1/Circ.1628/Rev.1				
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Item UK/1.31, Survival craft two-way VHF radio telephone apparatus – moved to UK/5.17 and UK/5.18

Item UK/1.32, 9GHz SAR transponder (SART) – moved to UK/4.18

UK/1.33 Radar reflector for lifeboats and rescue boats (passive) Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg. III/34, IMO Res.A.384(X), IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res.MSC.48(66) LSA Code I IMO Res.MSC.48(66) LSA Code IV IMO Res.MSC.48(66) LSA Code V IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res.MSC.164(78)	EN ISO 8729:1998 EN 60945:2002 incl. 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	B+D B+E B+F		
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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
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		IEC 60945:2002 incl. IEC Corr.1:2008			
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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/4.23

<p>UK/1.36 Lifeboat/rescue boat propulsion engine Row 1 of 1</p>	<p>Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements SOLAS 74 Reg. III/34, IMO Res.MSC.48(66) (LSA Code) IV IMO Res.MSC.48(66) (LSA Code) V IMO MSC.1/Circ.1630</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F		
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<p>UK/1.37 Rescue boat propulsion engine Outboard motor Row 1 of 1</p>	<p>Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements SOLAS 74 Reg. III/34 IMO Res.MSC.48(66) (LSA Code) V IMO MSC.1/Circ.1631</p>	IMO Res MSC.81(70) as amended.	B+D B+E B+F		
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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
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 Carriage & Performance requirements SOLAS 74 Reg. III/34, IMO Res.MSC.36(63) (1994 HSC Code) 8, IMO Res.MSC.48(66) (LSA Code) I, IMO Res.MSC.48(66) (LSA Code) IV, IMO Res.MSC.48(66) (LSA Code) V, IMO Res. MSC.97(73) (2000 HSC Code) 8.	IMO Res MSC.81(70) as amended.	B+D B+E B+F		13.09.2022 (II)
UK/1.38 Searchlights for use in lifeboats and rescue boats Row 2 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg. III/34, IMO Res.MSC.36(63) (1994 HSC Code) 8, IMO Res.MSC.48(66) (LSA Code) I, IMO Res.MSC.48(66) (LSA Code) IV, IMO Res.MSC.48(66) (LSA Code) V, IMO Res. MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.1630.	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	13.09.2019	
UK/1.39 Open reversible liferafts Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements IMO Res.MSC.36(63) (1994 HSC Code) 8,	IMO Res MSC.36(63) (1994 HSC Code) Annex 10 IMO Res MSC.97(73) (2000 HSC Code) Annex 11 And for extended service intervals IMO MSC.1/Circ.1328	B+D B+F		10.10.2026 (II)

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
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	IMO Res.MSC.36(63) (1994 HSC Code) Annex 10, IMO Res.MSC.48(66) (LSA Code) I, IMO Res. MSC.97(73) (2000 HSC Code) 8, IMO Res. MSC.97(73) (2000 HSC Code) Annex 11, IMO MSC.1/Circ.1328.				
UK/1.39 Open reversible liferafts Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements IMO Res.MSC.36(63) (1994 HSC Code) 8 IMO Res.MSC.36(63) (1994 HSC Code) Annex 10 IMO Res.MSC.48(66) (LSA Code) I IMO Res. MSC.97(73) (2000 HSC Code) 8 IMO Res. MSC.97(73) (2000 HSC Code) Annex 11 IMO Res MSC.481(102) IMO MSC.1/Circ.1328	IMO Res MSC.36(63) (1994 HSC Code) Annex 10, IMO Res MSC.97(73) (2000 HSC Code) Annex 11, IMO Res MSC.481(102). And for extended service intervals IMO MSC.1/Circ.1328	B+D B+F	21.03.2024	

Item UK/1.40, Mechanical pilot hoist – moved to UK/4.48

UK/1.41a Winches for survival craft and rescue boats: Davit launched lifeboats	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/16,	IMO Res MSC.81(70) as amended.	B+D B+E B+F G		
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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
Row 1 of 1	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, IMO MSC.1/Circ.1632.				
UK/1.41b Winches for survival craft and rescue boats: Free-fall lifeboats Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/16 SOLAS 74 Reg III/23 SOLAS 74 Reg III/24 SOLAS 74 Reg III/34 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) VI IMO MSC.1/Circ.1632	IMO Res MSC.81(70) as amended.	B+D B+E B+F G		
UK/1.41c Winches for survival craft and rescue boats: Liferafts Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/16, SOLAS 74 Reg III/17, SOLAS 74 Reg III/23, SOLAS 74 Reg III/24,	IMO Res MSC.81(70) as amended.	B+D B+E B+F G		

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
	SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) VI, IMO MSC.1/Circ.1632.				
UK/1.41d Winches for survival craft and rescue boats: Rescue boats Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/16, SOLAS 74 Reg III/17, SOLAS 74 Reg III/23, SOLAS 74 Reg III/34, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) VI, IMO MSC.1/Circ.1632.	IMO Res MSC.81(70) as amended.	B+D B+E B+F G		
UK/1.41e Winches for survival craft and rescue boats: Fast rescue boats Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/16, SOLAS 74 Reg III/17, SOLAS 74 Reg III/23, SOLAS 74 Reg III/34,	IMO Res MSC.81(70) as amended.	B+D B+E B+F G		

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
	IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO Res MSC.48(66) (LSA Code) I, IMO Res MSC.48(66) (LSA Code) VI, IMO MSC.1/Circ.1632.				
Item UK/1.42, Pilot ladder – moved to UK/4.49					
UK/1.43 Rigid inflatable rescue boats Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V	IMO Res MSC.81(70) as amended. IMO MSC/Circ.1006 ISO 15372:2000	B+D B+F G		15.08.2025 (II)
UK/1.43 Rigid inflatable rescue boats Row 2 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/21 SOLAS 74 Reg III/31 SOLAS 74 Reg III/34 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) (LSA Code) V	IMO Res MSC.81(70) as amended. IMO MSC/Circ.1006 ISO 15372:2000 + A1:2021	B+D B+F G	29.03.2023	

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
	IMO MSC.1/Circ.1631				
<p>UK/1.44a</p> <p>Public Address and General Alarm systems (PAGA)</p> <ul style="list-style-type: none"> - Control and distribution system (when used as fire alarm device UK/3.53 shall apply) <p>Ship:</p> <ul style="list-style-type: none"> - Cargo ship - Passenger ship (excluding safe return to port) - Passenger ship (including safe return to port) <p>Systems:</p> <ul style="list-style-type: none"> - General Alarm (GA) systems - Public Address (PA) systems - Public Address and General Alarm (PAGA) systems 	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 IMO Res MSC.36(63) (1994 HSC Code) 4 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.97(73) (2000 HSC Code) 4 IMO Res MSC.97(73) (2000 HSC Code) 8</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/12 SOLAS 74 Reg II-2/21 SOLAS 74 Reg II-2/22 SOLAS 74 Reg III/6 IMO Res A.1021(26) 5 IMO Res 48(66) (LSA Code) VII IMO Res MSC.36(63) (1994 HSC Code) 4 IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.97(73) (2000 HSC Code) 4 IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.302(87) IMO MSC.1/Circ.808 IMO MSC.1/Circ.1369/Add.1</p>	<p>EN 50695:2021 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN 61162-450:2018 EN IEC 62288:2022 EN 62923-1:2018 EN 62923-2:2018 Or: EN 50695:2021 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed.1.0:2010-11 and A2 Ed.1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018</p>	<p>B+D B+E B+F G</p>	<p>29.03.2023</p>	

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
New item inserted by MSN 1874 amendment 7 (moved from UK/9/1.5) Row 1 of 1					
<p>UK/1.44b</p> <p>Public Address and General Alarm systems (PAGA)</p> <p>Speakers (when used as fire alarm device item UK/3.53 shall apply)</p> <p>Note: The certificate shall specify for which of the following categories of ship and systems the equipment is suitable:</p> <p>Ship:</p> <ul style="list-style-type: none"> - Cargo ship - Passenger ship (excluding safe return to port) - Passenger ship (including safe return to port) <p>Systems:</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg III/4, SOLAS 74 Reg X/3, IMO Res MSC.36(63) (1994 HSC Code) 4, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.97(73) (2000 HSC Code) 4, IMO Res MSC.97(73) (2000 HSC Code) 8.</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/12, SOLAS 74 Reg II-2/21, SOLAS 74 Reg II-2/22, SOLAS 74 Reg III/6, IMO Res A.1021(26) 5, IMO Res 48(66) (LSA Code) VII, IMO Res MSC.36(63) (1994 HSC Code) 4, IMO Res MSC.36(63) (1994 HSC Code) 8, IMO Res MSC.97(73) (2000 HSC Code) 4, IMO Res MSC.97(73) (2000 HSC Code) 8, IMO MSC.1/Circ.808, IMO MSC.1/Circ.1369/Add.1.</p>	<p>EN 50695:2021</p> <p>EN 60945:2002 incl. IEC 60945 Corr.1:2008</p> <p>Or:</p> <p>EN 50695:2021</p> <p>IEC 60945:2002 incl. IEC 60945 Corr.1:2008</p>	<p>B+D B+E B+F G</p>	<p>29.03.2023</p>	

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
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<ul style="list-style-type: none"> - General Alarm (GA) systems - Public Address (PA) systems <p>New item inserted by MSN 1874 amendment 7 (moved from UK/9/1.5)</p> <p>Row 1 of 1</p>					
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2. Marine pollution prevention

<p>UK/2.1</p> <p>Oil-filtering equipment (for an oil content of the effluent not exceeding 15ppm)</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>MARPOL 73/78 Annex I, Reg 14</p>	<p>IMO Res MEPC.107(49), as amended</p> <p>IMO MEPC.1/Circ.643</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage & Performance requirements</p> <p>MARPOL 73/78 Annex I, Reg 14</p> <p>IMO MEPC.1/Circ.643</p>				

<p>UK/2.2</p> <p>Oil water interface detectors</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>MARPOL 73/78 Annex I, Reg 32</p>	<p>IMO Res MEPC.5(XIII)</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>		
	<p>Carriage & Performance requirements</p> <p>MARPOL 73/78 Annex I, Reg 32</p>				

<p>UK/2.3</p>	<p>Type Approval Requirements</p> <p>MARPOL 73/78 Annex I, Reg 14</p>	<p>IMO Res MEPC.107(49), as amended</p>	<p>B+D</p>		
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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
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Oil Content meters Row 1 of 1	Carriage & Performance requirements MARPOL 73/78 Annex I, Reg 14 IMO MEPC.1/Circ.643	IMO MEPC.1/Circ.643	B+E B+F		
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Item UK/2.4, Process units intended for attachment to existing oil/water separating equipment (for an oil content of the effluent not exceeding 15ppm) has been deliberately left blank

UK/2.5 Oil discharge monitoring and control system for oil tankers Row 1 of 2	Type Approval Requirements MARPOL 73/78 Annex I, Reg 31 IMO MEPC.1/Circ.858 Carriage & Performance requirements MARPOL 73/78 Annex I, Reg 31	IMO Res MEPC.108(49), as amended,	B+D B+E B+F		
UK/2.5 Oil discharge monitoring and control system for oil tankers Row 2 of 2	Type Approval Requirements MARPOL 73/78 Annex I, Reg 31 IMO MEPC.1/Circ.858 Carriage & Performance requirements MARPOL 73/78 Annex I, Reg 31	IMO Res MEPC.108(49), as amended, IMO Res. MEPC.240(65) – Annex – Revised Guidelines and Specifications for Oil Discharge Monitoring and Control Systems for Tankers	B+D B+E B+F	21.03.2024	

UK/2.6a Sewage systems (for use by passenger ships in all areas including a	Type Approval Requirements MARPOL 73/78 Annex IV, Reg 9 Carriage & 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	16.03.2017	
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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
MARPOL Annex IV special area) Row 1 of 1					
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) Row 1 of 1	Type Approval Requirements MARPOL 73/78 Annex IV, Reg 9 Carriage & Performance 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	16.03.2017	
UK/2.7 Shipboard incinerators (incinerator plants with capacities up to 4000kW) Row 1 of 1	Type Approval Requirements MARPOL 73/78 Annex VI, Reg 16 Carriage & Performance requirements MARPOL 73/78 Annex VI, Reg 16	IMO Res MEPC.244(66)	B+D B+E B+F G	16.03.2017	
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 & Performance requirements IMO Res MEPC.176(58) (Revised MARPOL Annex VI Reg 13),	IMO Res MEPC.177(58) NOx Technical Code 2008, as amended	B+D B+E B+F G		

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
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	IMO Res MEPC.177(58) (NOx Technical Code 2008), IMO Res MEPC.198(62).				
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Item UK/2.9 Equipment using technological methods to limit Sox emissions – moved to UK/9/2.4

UK/2.10 On board exhaust gas cleaning systems Row 1 of 2	Type Approval Requirements IMO Res MEPC.176(58) (Revised MARPOL Annex VI, Reg 4), IMO Res MEPC.259(68).	IMO Res MEPC.259(68).	Scheme A B+F G Scheme B G	19.06.2018	01.06.2023 (III)
	Carriage & Performance requirements IMO Res MEPC.176(58) (Revised MARPOL Annex VI, Reg 4).				
UK/2.10 On board exhaust gas cleaning systems Row 2 of 2	Type Approval Requirements IMO Res MEPC.328(76) (Revised MARPOL Annex VI, Reg 4), IMO Res MEPC.259(68).	IMO Res MEPC.340(77)	Scheme A B+F G Scheme B G	29.03.2023	
	Carriage & Performance requirements IMO Res MEPC.328(76) (Revised MARPOL Annex VI, Reg 4).				

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
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3. Fire protection equipment

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 Carriage & 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) (1994 HSC Code) 7	IMO Res MSC.307(88) 2010 FTP Code, as amended.	B+D B+E B+F		
UK/3.2 Portable fire extinguishers Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 4 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/10 SOLAS 74 Reg II-2/18 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res A.951(23) IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (FSS Code) 4 IMO Res MSC.391(95) (IGF Code) 11 IMO MSC.Circ.1239 IMO MSC.Circ.1275	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		15.08.2025 (II)

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
UK/3.2 Portable fire extinguishers Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73)(FSS Code) 4 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/10 SOLAS 74 Reg II-2/18 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res A.951(23) IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 4 IMO Res MSC.391(95) (IGF Code) 11 IMO MSC.Circ.1239 IMO MSC.Circ.1275	EN 3-7:2004 incl. A1:2007 EN 3-8:2021 EN 3-9:2006 incl. AC:2007 EN 3-10:2009	B+D B+E B+F	29.03.2023	
UK/3.3a Fire fighter's outfit: Protective clothing (close proximity clothing) Protective non-reflective clothing for fire fighting Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 4	EN 469:2005 incl.A1:2006 and AC:2006	B+D B+E B+F		25.08.2024 (II)
UK/3.3a	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3	EN 469:2020	B+D B+E B+F	25.08.2021	

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
Fire fighter's outfit: Protective clothing (close proximity clothing) Protective non-reflective clothing for fire fighting Row 2 of 2	IMO Res MSC.98(73) FSS Code 3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 3				
UK/3.3b Fire fighter's outfit: Protective clothing (close proximity clothing) Protective clothing for fire fighting: Reflective clothing for specialized fire fighting Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 3	EN 1486:2007	B+D B+E B+F		
UK/3.3c Fire fighter's outfit: Protective clothing (close proximity clothing) Protective clothing for firefighting: Protective clothing with reflective outer surface Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 3	ISO 15538:2001 Note: Level 2	B+D B+E B+F		

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
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UK/3.4 Fire Fighter's outfit: Boots Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 3	EN 15090:2012	B+D B+E B+F		
	Carriage & 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				

UK/3.5 Fire Fighter's outfit: Gloves Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 3	EN 659:2003 incl.AC:2008 and AC:2009	B+D B+E B+F		
	Carriage & 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				

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
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<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> <hr/> <p>Carriage & 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>EN 443:2008</p>	<p>B+D B+E B+F</p>		
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<p>UK/3.7 Self-contained compressed air operated breathing apparatus Note: For use in accidents involving dangerous goods where a positive pressure type mask is required (Refer to item UK/7.1) 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> <hr/> <p>Carriage & Performance requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg II-2/15 SOLAS 74 Reg II-2/19 IMO Res MSC.4(48) (IBC Code) 11 IMO Res MSC.5(48) (IGC Code) 11 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 3 IMO MSC.1/Circ 1499 IMO MSC.1/Circ.1555</p>	<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</p>	<p>B+D B+E B+F</p>		
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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
		<p>detached when the lifeline is operated.</p> <p>The breathing apparatus module B shall indicate the UK fireproof lifeline as mandatory combined component</p>			
<p>UK/3.8</p> <p>Compressed air line breathing apparatus</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg X/3 IMO Res MSC.36(63) (1994 HSC Code) 7</p> <p>Note: This equipment is only for high-speed craft built under provisions of the 1994 HSC Code</p> <hr/> <p>Carriage & Performance requirements</p> <p>IMO Res MSC.36(63) (1994 HSC Code) 7</p>	<p>EN 14593-1:2018</p> <p>Or:</p> <p>EN 14594:2018</p>	<p>B+D B+E B+F</p>	<p>19.09.2019</p>	
<p>UK/3.9</p> <p>Sprinkler systems components for accommodation 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</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 8</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/9 SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.44(65) IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 8</p>	<p>IMO Res.A.800(19) as amended</p>	<p>B+D B+E B+F</p>		

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
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as spare parts of existing installations the relevant standards at the time of placing on board can still be applied Row 1 of 1	IMO MSC/Circ.912 IMO MSC/Circ.1556				
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UK/3.11a 'A' and 'B' class divisions fire integrity: 'A' Class division Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/3.2 IMO MSC Circ.1120	IMO Res MSC.307(88) 2010 FTP Code as amended IMO MSC Circ.1435	B+D B+E B+F		15.08.2025 (III)
	Carriage & Performance requirements SOLAS 74 Reg II-2/3.2 SOLAS 74 Reg II-2/9 IMO MSC Circ.1120 IMO MSC Circ.1434 IMO MSC Circ.1616				
UK/3.11a 'A' and 'B' class divisions fire integrity: 'A' Class division Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/3.2 IMO MSC Circ.1120	IMO Res MSC.307(88) (2010 FTP Code), as amended IMO MSC Circ.1435	B+D B+E B+F	29.03.2023	
	Carriage & Performance requirements SOLAS 74 Reg II-2/3.2 SOLAS 74 Reg II-2/9 IMO MSC Circ.1120 IMO MSC Circ.1434 IMO MSC Circ.1616 IMO MSC Circ 1621				

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
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<p>UK/3.11b</p> <p>'A' and 'B' class divisions fire integrity:</p> <p>'B' Class division</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 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> <p>SOLAS 74 Reg II-2/3.4 IMO MSC Circ.1120</p>	<p>IMO Res MSC.307(88) (2010 FTP Code), as amended</p>	<p>B+D B+E B+F</p>		
	<p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/3.4 SOLAS 74 Reg II-2/9 IMO MSC Circ.1120 IMO MSC Circ.1581</p>				

<p>UK/3.12a</p> <p>Devices to prevent the passage of flame into the cargo tanks in tankers:</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16</p>	<p>IMO MSC Circ.677, as amended EN ISO 16854:2016 ISO 15364:2016</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	<p>25.08.2024 (III)</p>
	<p>Carriage & Performance requirements</p>				

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
P/V valves Row 1 of 2	SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 IMO Res MSC.98(73) (FSS Code) 15				
UK/3.12a Devices to prevent the passage of flame into the cargo tanks in tankers: P/V valves Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 IMO Res MSC.98(73) (FSS Code) 15	IMO MSC Circ.677 as amended EN ISO 16854:2016 ISO 15364:2021	B+D B+E B+F	25.08.2021	
UK/3.12b Devices to prevent the passage of flame into the cargo tanks in tankers: Flame arresters Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 IMO Res MSC.98(73) (FSS Code) 15	IMO MSC Circ.677 as amended EN ISO 16852:2016	B+D B+E B+F	19.06.2018	
UK/3.12c Devices to prevent the passage of flame into the cargo tanks in tankers: Detonation flame arresters Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 IMO Res MSC.98(73) (FSS Code) 15	IMO MSC Circ.677, as amended EN ISO 16852:2016	B+D B+E B+F	19.06.2018	

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
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UK/3.12d Devices to prevent the passage of flame into the cargo tanks in tankers: High velocity vent valves Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16	IMO MSC Circ.677, as amended, EN ISO 16852:2016 ISO 15364:2016	B+F	19.06.2018	25.08.2024 (III)
	Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 IMO Res MSC.98(73) (FSS Code) 15				
UK/3.12d Devices to prevent the passage of flame into the cargo tanks in tankers: High velocity vent valves Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16	IMO MSC Circ.677, as amended. EN ISO 16852:2016 ISO 15364:2016	B+F	25.08.2021	
	Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg II-2/16 IMO Res MSC.98(73) (FSS Code) 15				

UK/3.13 Non-combustible materials Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/16	IMO Res MSC.307(88) (2010 FTP Code) as amended.	B+D B+E B+F		
	Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7				

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

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
<p>UK/3.15a</p> <p>Materials other than steel for pipes conveying oil or fuel:</p> <ul style="list-style-type: none"> - Plastic pipes and fittings <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/4 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.36(63) (1994 HSC Code) 10 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 10 IMO MSC/Circ.1120</p>	<p>IMO Res.A753(18) as amended. IMO Res MSC.307(88) 2010 (FTP Code), as amended.</p>	<p>B+D B+E B+F</p>		
<p>UK/3.15b</p> <p>Materials other than steel for pipes conveying oil or fuel:</p> <ul style="list-style-type: none"> - Valves <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/4 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/4 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.36(63) (1994 HSC Code) 10 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 10 IMO MSC/Circ.1120</p>	<p>EN ISO 10497:2010</p>	<p>B+D B+E B+F</p>		
<p>UK/3.15c</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/4 SOLAS 74 Reg X/3</p>	<p>ISO 15540:2016 ISO 15541:2016</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	

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
Materials other than steel for pipes conveying oil or fuel: - Flexible pipe assemblies and compensators Row 1 of 1	Carriage & Performance requirements SOLAS 74 Reg II-2/4 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.36(63) (1994 HSC Code) 10 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 10 IMO MSC/Circ.1120				
UK/3.15d Materials other than steel for pipes conveying oil or fuel: - Metallic pipe components with resilient and elastomeric seals Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/4 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.36(63) (1994 HSC Code) 10 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 10 IMO MSC Circ.1120 IMO MSC Circ.1527	ISO 19921:2005 ISO 19922:2005	B+D B+E B+F		
UK/3.16 Fire doors Note: Fire door control system components are subject to conformity assessment according to item UK/3.17 Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/9 Carriage & Performance requirements SOLAS 74 Reg II-2/9 IMO MSC Circ.1511	IMO Res MSC.307(88) (2010 FTP Code), as amended. IMO MSC.1/Circ.1319	B+D B+E B+F		

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
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<p>UK/3.17</p> <p>Fire door control system 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 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 & Performance requirements</p> <p>SOLAS 74 Reg II-2/9 IMO Res MSC.97(73) (2000 HSC Code) 7</p>				

<p>UK/3.18a</p> <p>Surface materials and floor coverings with low flame spread characteristics:</p> <ul style="list-style-type: none"> - Decorative veneers <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/6 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 & Performance requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5</p>				

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

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
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	IMO MSC Circ.1120				
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<p>UK/3.18d</p> <p>Surface materials and floor coverings with low flame spread characteristics:</p> <ul style="list-style-type: none"> - Pipe insulation covers <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO MSC Circ.1120</p>	<p>IMO Res MSC.307(88) (2010 FTP Code), as amended.</p>	<p>B+D B+E B+F</p>		
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<p>UK/3.18e</p> <p>Surface materials and floor coverings with low flame spread characteristics:</p> <ul style="list-style-type: none"> - Adhesives used in the construction of 'A', 'B' and 'C' class divisions <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO MSC Circ.1120</p>	<p>IMO Res MSC.307(88) (2010 FTP Code), as amended.</p>	<p>B+D B+E B+F</p>		
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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
<p>UK/3.18f</p> <p>Surface materials and floor coverings with low flame spread characteristics:</p> <ul style="list-style-type: none"> - Combustible ducts membrane <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO MSC Circ.1120</p>	IMO Res MSC.307(88) (2010 FTP Code) as amended	B+D B+E B+F		
<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> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7</p>	IMO Res MSC.307(88) (2010 FTP Code) as amended IMO MSC.1/Circ.1456 as amended	B+D B+E B+F		
<p>UK/3.20</p> <p>Upholstered furniture</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9</p>	IMO Res MSC.307(88) (2010 FTP Code), as amended.	B+D B+E B+F		12.08.2023 (I)

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
Row 1 of 1	SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7				
UK/3.20a Upholstered furniture - Complete piece of furniture (including cover material, filling material and non-combustible rack) Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7	IMO Res MSC.307(88) (2010 FTP Code), as amended.	B+D B+E B+F	12.08.2020	
UK/3.20b Upholstered furniture - Cover material for any filling material Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5	IMO Res MSC.307(88) (2010 FTP Code), Annex 1 Part 8 Appendix 3, as amended.	B+D B+E B+F	12.08.2020	

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
	SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7				
UK/3.20c Upholstered furniture <ul style="list-style-type: none"> - Cover material for flame retardant filling material (tested in specific combination as intended for further application) Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3 <hr/> Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7	IMO Res MSC.307(88) (2010 FTP Code), Annex 1 Part 8 Appendix 3 as amended.	B+D B+E B+F	12.08.2020	
UK/3.20d Upholstered furniture <ul style="list-style-type: none"> - flame retardant filling material Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3 <hr/> Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/5 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7	IMO Res MSC.307(88) (2010 FTP Code), Annex 1 Part 8 Appendix 3 as amended.	B+D B+E B+F	12.08.2020	

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		
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	<table border="1"> <tr> <td> Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3 </td> <td> Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 </td> </tr> </table>	Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3	Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7	IMO Res MSC.307(88) (2010 FTP Code), as amended.	B+D B+E B+F		
Type Approval Requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 SOLAS 74 Reg X/3	Carriage & Performance requirements SOLAS 74 Reg II-2/3 SOLAS 74 Reg II-2/9 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7						
UK/3.22 Fire dampers Row 1 of 1	<table border="1"> <tr> <td> Type Approval Requirements SOLAS 74 Reg II-2/9 </td> <td> Carriage & Performance requirements SOLAS 74 Reg II-2/9 </td> </tr> </table>	Type Approval Requirements SOLAS 74 Reg II-2/9	Carriage & Performance requirements SOLAS 74 Reg II-2/9	IMO Res MSC.307(88) (2010 FTP Code), as amended	B+D B+E B+F		
Type Approval Requirements SOLAS 74 Reg II-2/9	Carriage & Performance requirements SOLAS 74 Reg II-2/9						
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	<table border="1"> <tr> <td> Type Approval Requirements SOLAS 74 Reg II-2/9 </td> <td> Carriage & Performance requirements SOLAS 74 Reg II-2/9 </td> </tr> </table>	Type Approval Requirements SOLAS 74 Reg II-2/9	Carriage & Performance requirements SOLAS 74 Reg II-2/9	IMO Res MSC.307(88) '92010 FTP Code), as amended	B+D B+E B+F		
Type Approval Requirements SOLAS 74 Reg II-2/9	Carriage & Performance requirements SOLAS 74 Reg II-2/9						

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
	IMO Res MSC.5(48) (IGC Code) 3 IMO MSC Circ.1120				
UK/3.26a Penetration through 'A' class divisions: Electric cable transits Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/9 <hr/> Carriage & Performance 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		
UK/3.26b Penetration through 'A' class divisions: Pipe, duct, trunk etc. penetrations Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/9 <hr/> Carriage & Performance requirements SOLAS 74 Reg II-2/9 IMO MSC.1/Circ.1276	IMO Res MSC.307(88) (2010 FTP Code), as amended IMO MSC.1/Circ.1488	B+D B+E B+F		
UK/3.26c Penetration through 'A' class divisions: Busbar trunking penetration systems Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/9 <hr/> Carriage & Performance 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		

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
UK/3.27a Penetration 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 & Performance requirements SOLAS 74 Reg II-2/9				
UK/3.27b Penetration through 'B' 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.	B+D B+E B+F		
	Carriage & Performance requirements SOLAS 74 Reg II-2/9				
UK/3.28 Sprinkler systems (limited to sprinkler heads) (Nozzles for fixed sprinkler systems for high-speed craft (HSC) are included under this item) Note: For products used as spare parts of existing installations the relevant standards at the time of	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.44(65) IMO Res MSC.98(73) (FSS Code) 8 IMO MSC/Circ.912 IMO MSC.1/Circ.1556	ISO 6182-1:2014 Or: EN 12259-1:1999 incl. A1:2001, A2:2004 and A3:2006.	B+D B+E B+F		15.08.2025 (III)

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
placing on board can still be applied. Row 1 of 2					
UK/3.28 Sprinkler systems (limited to sprinkler heads) (Nozzles for fixed sprinkler systems for high-speed craft (HSC) are included under this item) Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be applied. Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.44(65) IMO Res MSC.98(73) – (FSS Code) 8 IMO MSC/Circ.912 IMO MSC.1/Circ.1556	ISO 6182-1:2021 Or: EN 12259-1:1999 incl. A1:2001, A2:2004 and A3:2006	B+D B+E B+F	29.03.2023	
UK/3.29 Firefighting hoses: Non-percolating lay flat firefighting hoses (range of the inside diameter from 25mm to 52mm) Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7	EN 14540:2014	B+D B+E B+F		
UK/3.30a	Type Approval Requirements	EN 50104:2010	B+D	12.08.2020	25.08.2024

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
Portable Oxygen analysis and gas detection equipment: Category 1 – (safe area) Row 1 of 2	SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 SOLAS 74 Reg XI/7 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 SOLAS 74 Reg XI/7 IMO Res MSC.97(73) (2000 HSC Code) 15 IMO MSC.1/Circ.1477 IMO MSC.1/Circ.1581	EN 60079-29:2016 EN 60945:2002 incl. IEC 60945 corr.1:2008 or IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 60092-504:2016 IEC 60533:2015	B+E B+F		(II)
UK/3.30a Portable Oxygen analysis and gas detection equipment: Category 1 – (safe area) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 SOLAS 74 Reg XI/7 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 SOLAS 74 Reg XI-1/7 IMO Res MSC.98(73)-(FSS Code) 15 IMO MSC.1/Circ.1477 IMO MSC.1/Circ.1581	EN 50104:2019 EN 60079-29:2016 EN 60945:2002 incl. IEC 60945 corr.1:2008 or IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	25.08.2021	
UK/3.30b Portable Oxygen analysis and gas detection equipment: Category 2 – (explosive gas atmospheres) Row 1 of 4	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 SOLAS 74 Reg XI-1/7 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3	EN 50104:2010 EN 60079-29:2016 EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-10-1:2015 EN 60079-11:2012 EN 60079-15:2010 EN 60079-26:2015	B+D B+E B+F	12.08.2020	25.08.2024 (II)

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
	SOLAS 74 Reg XI-1/7 IMO Res MSC.98(73) (FSS Code) 15 IMO MSC.1/Circ.1477 IMO MSC.1/Circ.1581	EN 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>UK/3.30b</p> <p>Portable Oxygen analysis detection equipment: Category 2 – (explosive gas atmospheres) Row 2 of 4</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> <hr/> <p>Carriage & 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>EN 50104:2019 EN 60079-29-1:2016 EN IEC 60079-0:2018 incl. AC:2020 EN 60079-1:2014 EN 60079-10-1:2015 EN 60079-11:2012 EN 60079-15:2010 EN 60079-26:2015 EN 60945:2002 incl. IEC 60945 corr.1:2008 or IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	<p>15.08.2025</p>
<p>UK/3.30b</p> <p>Portable Oxygen analysis and/or gas detection equipment: Category 2 – (explosive gas atmospheres) Row 3 of 4</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> <hr/> <p>Carriage & 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>EN 50104:2019 EN 60079-29-1:2016 EN IEC 60079-0:2018 incl. AC:2020 EN 60079-1:2014 incl.AC:2018-09 EN 60079-10-1:2021 EN 60079-11:2012 EN 60079-15:2010 EN 60079-26:2015 EN 60945:2002 incl. IEC 60945 corr.1:2008 or IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>29.03.2023</p>	<p>10.10.2026 (II)</p>

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
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<p>UK/3.30b</p> <p>Portable Oxygen analysis and/or gas detection equipment:</p> <p>Category 2 – (explosive gas atmospheres)</p> <p>Row 4 of 4</p> <p>(NEW ROW)</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> <hr/> <p>Carriage & 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) IMO MSC.1/Circ.1477 IMO MSC.1/Circ.1581</p>	<p>EN 50104:2019, EN 60079-29-1:2016, EN IEC 60079-0:2018 incl. AC:2020, EN 60079-1:2014 incl.AC:2018-09, EN 60079-10-1:2021, EN 60079-11:2012, EN 60079-15:2019, EN 60079-26:2015, EN 60945:2002 incl. IEC 60945 corr.1:2008 or IEC 60945:2002 incl. IEC 60945 corr.1:2008, IEC 60092-504:2016, IEC 60533:2015,</p>	<p>B+D B+E B+F</p>	<p>21.03.2024</p>	
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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

<p>UK/3.32</p> <p>Fire restricting materials (except furniture) for high-speed craft</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO MSC.1/Circ.1457</p>	<p>IMO Res MSC.307(88) (2010 FTP Code), as amended</p>	<p>B+D B+E B+F</p>		
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<p>UK/3.33</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg X/3</p>	<p>IMO Res MSC.307(88) (2010 FTP Code), as amended.</p>	<p>B+D</p>		
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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
Fire restricting materials for furniture for high-speed craft Row 1 of 1	Carriage & Performance requirements IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7		B+E B+F		
UK/3.34 Fire resistant divisions for high-speed craft Row 1 of 1	Type Approval Requirements SOLAS 74 Reg X/3	IMO Res MSC.307(88) (2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage & 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				
UK/3.35 Fire doors for high-speed craft Row 1 of 1 Note: Fire door control system components are subject to conformity assessment according to item UK/3.17	Type Approval Requirements SOLAS 74 Reg X/3	IMO Res MSC.307(88) (2010 FTP Code), as amended.	B+D B+E B+F		
	Carriage & Performance requirements IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7				
UK/3.36 Fire dampers for high-speed craft	Type Approval Requirements SOLAS 74 Reg X/3	IMO Res MSC.307(88) 2010 FTP code as amended	B+D B+E B+F		
	Carriage & Performance requirements				

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
Row 1 of 1	IMO Res MSC.36(63) 1994 HSC Code 7 IMO Res MSC.97(73) 2000 HSC Code 7				
UK/3.37a Penetrations through fire resisting divisions on high-speed craft Electric cable transits Row 1 of 1	Type Approval Requirements SOLAS 74 Reg X/3 Carriage & 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/3.37b Penetrations through fire resisting divisions on high-speed craft Pipe, duct, trunk etc penetrations Row 1 of 1	Type Approval Requirements SOLAS 74 Reg X/3 Carriage & 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/3.38 Portable fire extinguishing equipment for lifeboats and rescue boats Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res A.951(23) IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I	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		15.08.2025 (II)

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
	IMO Res MSC.48(66) LSA Code) IV IMO Res MSC.48(66) LSA Code) V				
UK/3.38 Portable fire extinguishing equipment for lifeboats and rescue boats Row 2 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res A.951(23) IMO Res MSC.36(63) (1994 HSC Code) 8 IMO Res MSC.97(73) (2000 HSC Code) 8 IMO Res MSC.48(66) (LSA Code) I IMO Res MSC.48(66) LSA Code) IV IMO Res MSC.48(66) LSA Code) V	EN 3-7:2004 incl. A1:2007 EN 3-8:2021 EN 3-9:2006 incl. AC:2007 EN 3-10:2009	B+D B+E B+F	29.03.2023	
UK/3.39 Nozzles for equivalent water mist fire extinguishing systems for machinery spaces and cargo pump rooms Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO MSC.1/Circ.1458 IMO MSC.1/Circ.1313	IMO MSC/Circ.1165 as amended	B+D B+E B+F		
UK/3.40	Type Approval Requirements SOLAS 74 Reg II-2/13 IMO Res MSC.98(73) (FSS Code) 11	IMO Res.A.752(18) ISO 15370:2010	B+D B+E B+F		25.08.2024 (II)

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
<p>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 accepted</p> <p>Row 1 of 2</p>	<p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/13 IMO Res.A.752(18) IMO Res MSC.98(73) (FSS Code) 11</p>				
<p>UK/3.40</p> <p>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 accepted</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/13 IMO Res MSC.98(73) (FSS Code) 11</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/13 IMO Res MSC.98(73) (FSS Code) 11 IMO Res.A.752(18)</p>	<p>IMO Res.A.752(18) ISO 15370:2021</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	
<p>UK/3.41a</p> <p>Emergency escape breathing devices (EEBD)</p> <p>Self-contained open-circuit compressed air breathing apparatus with full mask or mouthpiece assembly for escape</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/13</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/13 IMO Res MSC.98(73) (FSS Code) 3 IMO MSC/Circ.849</p>	<p>ISO 23269-1:2008 EN 402:2003</p>	<p>B+D B+E B+F</p>		

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
UK/3.41b Emergency escape breathing devices (EEBD) Self-contained open-circuit compressed air breathing apparatus with hood for escape Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/13 Carriage & Performance requirements SOLAS 74 Reg II-2/13 IMO Res MSC.98(73) (FSS Code) 3 IMO MSC/Circ.849	ISO 23269-1:2008 EN 1146:2005	B+D B+E B+F		
UK/3.41c Emergency escape breathing devices (EEBD) Self-contained closed-circuit compressed gas breathing apparatus Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/13 Carriage & Performance requirements SOLAS 74 Reg II-2/13 IMO Res MSC.98(73) (FSS Code) 3 IMO MSC/Circ.849	ISO 23269-1:2008 EN 13794:2002	B+D B+E B+F		
UK/3.42a Inert gas systems: Whole system Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/4 Carriage & Performance requirements SOLAS 74 Reg II-2/4 IMO Res.A.567(14) IMO Res MSC.98(73) (FSS Code) 15 IMO MSC/Circ.353 IMO MSC/Circ.485	IMO MSC/Circ.353, as amended,	G	12.08.2020	

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
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	IMO MSC/Circ.731 IMO MSC/Circ.1120				
UK/3.42a Inert gas systems: Whole system Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg II-2/4 Carriage & Performance requirements SOLAS 74 Reg II-2/4 IMO Res.A.567(14) IMO Res MSC.98(73) (FSS Code) 15 IMO MSC/Circ.353 IMO MSC/Circ.485 IMO MSC/Circ.731 IMO MSC/Circ.1120	IMO MSC/Circ.353, as amended, IMO Res MSC.98(73) (FSS Code) 15	G		

UK/3.42b Inert gas systems: -Single components -Inert gas scrubbers Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/4 Carriage & Performance requirements SOLAS 74 Reg II-2/4 IMO Res.A.567(14) IMO Res MSC.98(73) (FSS Code) 15 IMO MSC/Circ.353 IMO MSC/Circ.485 IMO MSC/Circ.731 IMO MSC/Circ.1120	IMO MSC/Circ.353 as amended	B+D B+E B+F G		
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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
<p>UK/3.42c</p> <p>Inert gas systems:</p> <ul style="list-style-type: none"> -Single components -Inert gas blowers <p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/4</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/4 IMO Res.A.567(14) IMO Res MSC.98(73) (FSS Code) 15 IMO MSC/Circ.353 IMO MSC/Circ.485 IMO MSC/Circ.731 IMO MSC/Circ.1120</p>	IMO MSC/Circ.353 as amended	B+D B+E B+F G		
<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 accepted</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/1 SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/1 SOLAS 74 Reg II-2/10 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO MSC.1/Circ.1433</p>	ISO 15371:2015	B+D B+E B+F	16.03.2017	
<p>UK/3.44</p> <p>Fire-fighting outfit – lifeline</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 3</p>	<p>IMO Res MSC.98(73) (FSS Code) 3 as amended,</p> <p>IMO Res MSC.307(88) (2010 FTP Code), as amended,</p>	B+D B+E B+F	13.09.2019	

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
Lifelines for breathing apparatus approved under item UK/3.7 and item UK/7.1 Row 1 of 1	Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) 1994 HSC Code 7 IMO Res MSC.97(73) 2000 HSC Code 7 IMO Res MSC.97(73) (FSS Code) 3	ISO 23269-2:2011			
UK/3.45 Equivalent fixed gas fire extinguishing systems components (extinguishing medium, head valves and nozzles) for machinery spaces and cargo pump rooms Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 5 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 5 IMO MSC/Circ.848 IMO MSC.1/Circ.1313	IMO MSC/Circ.848 as amended	B+D B+E B+F		15.08.2025
UK/3.45 Equivalent fixed gas fire extinguishing systems components (extinguishing medium, head valves and nozzles) for machinery spaces and cargo pump rooms	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) (FSS Code) 5 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7	IMO MSC/Circ.848 as amended	B+D B+E B+F	29.03.2023	

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
<p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted</p> <p>Row 2 of 2</p>	<p>IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 5 IMO Res MSC.391(95) (IGF Code) 11 IMO MSC.1/Circ.1313</p>				
<p>UK/3.46</p> <p>Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems)</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 5</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10 IMO Res MSC.36(63)–(1994 HSC Code) 7 IMO Res MSC.97(73)–(2000 HSC Code) 7 IMO Res MSC.98(73) – (FSS Code) 5, IMO MSC/Circ.1270 incl. corr. 1, IMO MSC.1/Circ.1313</p>	<p>IMO MSC/Circ.1270 incl. corr. 1, as amended,</p>	<p>B+D B+E B+F</p>		<p>15.08.2025 (III)</p>
<p>UK/3.46</p> <p>Equivalent fixed gas fire extinguishing systems for machinery spaces (aerosol systems)</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 5,</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) FSS Code 5 IMO Res MSC.291(95) IGF code 11 IMO MSC/Circ.1270 incl. corr. 1</p>	<p>IMO MSC/Circ.1270 incl. corr. 1 as amended</p>	<p>B+D B+E B+F</p>	<p>29.03.2023</p>	

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
	IMO MSC.1/Circ.1313				
<p>UK/3.47</p> <p>Concentrate for fixed high expansion foam extinguishing systems for machinery spaces and cargo pump rooms</p> <p>Note: The fixed high expansion foam fire extinguishing systems (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 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/10</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) – (FSS Code) 6.</p>	IMO MSC/Circ.670	B+D B+E B+F		31.08.2025 (III)
<p>UK/3.47</p> <p>Concentrate for fixed high expansion foam extinguishing systems for machinery spaces and cargo pump rooms</p> <p>Note: The fixed high expansion foam fire extinguishing systems</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/10</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) – (FSS Code) 6 IMO Res MSC.291(95)- (IGF Code) 11.</p>	IMO MSC/Circ.670	B+D B+E B+F	29.03.2023	

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
(including those systems which use inside air from their working spaces for their intended performance) for machinery spaces and cargo pump rooms must still be tested with the approved concentrate to the satisfaction of the Administration Row 2 of 2					
<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 accepted</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7</p>	IMO MSC.1/Circ.1387	B+D B+E B+F		
UK/3.49a	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/19</p>	IMO MSC.1/Circ.1430	B+D		01.01.2021 (III)

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
<p>Fixed water-based firefighting 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>SOLAS 74 Reg II-2/20 SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 7</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73)–(FSS Code) 7 IMO Res MSC.97(73)–(2000 HSC Code) 7 IMO Res MSC.36(63)–(1994 HSC Code) 7</p>		<p>B+E B+F</p>		
<p>UK/3.49a</p> <p>Fixed water-based firefighting 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> <p>SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 SOLAS 74 Reg X/3 IMO Res MSC.98(73) FSS Code 7</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73)–(FSS Code) 7 IMO Res MSC.97(73)–(2000 HSC Code) 7 IMO Res MSC.36(63)–(1994 HSC Code) 7</p>	<p>IMO MSC.1/Circ.1430 Revision 1</p>	<p>B+D B+E B+F</p>	<p>12.08.2020</p>	<p>15.08.2025 (III)</p>
<p>UK/3.49a</p> <p>Fixed water-based firefighting systems for ro-ro spaces, vehicle spaces and special category spaces</p> <p>Prescriptive based systems as per IMO</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 7</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20</p>	<p>IMO MSC.1/Circ.1430 Revision 2</p>	<p>B+D B+E B+F</p>	<p>01.07.2022</p>	

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
MSC.1/Circ.1430 Revision 2 Row 3 of 3	IMO Res MSC.36(63)–(1994 HSC Code) 7IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) – (FSS Code) 7				
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 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 7 Carriage & Performance requirements SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.36(63)–(1994 HSC Code) 7, IMO Res MSC.97(73)–(2000 HSC Code) 7, IMO Res MSC.98(73) – (FSS Code) 7.	IMO MSC.1/Circ.1430	B+D B+E B+F		01.01.2021 (III)
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 Revision 1 Row 2 of 3	Type Approval Requirements SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 7 Carriage & Performance requirements SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.36(63)–(1994 HSC Code) 7, IMO Res MSC.97(73)–(2000 HSC Code) 7, IMO Res MSC.98(73) – (FSS Code) 7.	IMO MSC.1/Circ.1430 Revision 1	B+D B+E B+F	12.08.2020	15.08.2025 (III)
UK/3.49b Fixed water-based firefighting systems for ro-	Type Approval Requirements SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20	IMO MSC.1/Circ.1430 Revision 2	B+D B+E B+F	01.07.2022	

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
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ro spaces, vehicle spaces and special category spaces Performance based systems as per IMO MSC.1/Circ.1430 Revision 2 Row 3 of 3	SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 7				
	Carriage & Performance requirements SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.36(63)–(1994 HSC Code) 7, IMO Res MSC.97(73)–(2000 HSC Code) 7, IMO Res MSC.98(73) – (FSS Code) 7.				

Item UK/3.50 Protective clothing resistant to chemical attack – item moved to UK/9/3.9

UK/3.51a Fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: Control and indicating equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73) FSS Code 9	Electrical installation in ships: EN 54-2:1997 incl. AC:1999 and A1:2006 And as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	19.06.2018	15.08.2025 (III)
	Carriage & Performance requirements SOLAS 74 Reg II-2/7 IMO Res MSC.36(63) (1994 HSC Code) 7 IMO Res MSC.97(73) (2000 HSC Code) 7 IMO Res MSC.98(73) (FSS Code) 9, IMO Res MSC.391(95) (IGF Code) 11 IMO MSC.1/Circ.1242 IMO MSC.1/Circ.1487 IMO MSC.1/Circ.1528				

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
<p>UK/3.51a</p> <p>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 accepted</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95) IGF Code 11 IMO Res MSC.302(87) IMO MSC.1/Circ.1242 IMO MSC.1/Circ.1487 IMO MSC.1/Circ.1528</p>	<p>Electrical installation in ships:</p> <p>EN 54-2:1997 incl. AC:1999 and A1:2006 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN IEC 6923-1:2018 Correction: EN IEC 62923-1:2018,</p> <p>EN IEC 62923-2:2018</p> <p>or</p> <p>EN 54-2:1997 incl. AC:1999 and A1:2006 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 62923-1:2018 IEC 62923-2:2018</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>01.07.2022</p>	
<p>UK/3.51b</p> <p>Fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73) FSS Code 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.98(73) FSS Code 9</p>	<p>EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	

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
unattended machinery spaces: Power supply equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 1	IMO Res MSC.97(73) 2000 HSC Code 7 IMO Res MSC.36(63) 1994 HSC Code 7 IMO Res MSC.391(95) IGF Code 11 IMO Res MSC.302(87) IMO MSC.1/Circ.1242 IMO MSC.1/Circ.1554				
UK/3.51c Fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: Heat detectors – point detectors Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73) – (FSS Code) 9 Carriage & Performance requirements SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)–(1994 HSC Code) 7, IMO Res MSC.97(73)-(2000 HSC Code) 7, IMO Res MSC.98(73)- (FSS Code) 9 IMO MSC.1/Circ.1242	EN 54-5:2017 And as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	19.06.2018	21.08.2022 (III)
UK/3.51c	Type Approval Requirements	EN 54-5:2017 incl. A1:2018	B+D	12.08.2020	31.08.2022

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
<p>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 accepted</p> <p>Row 2 of 2</p>	<p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73)- (FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)- (FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11 IMO MSC.1/Circ.1242</p>	<p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+E B+F</p>		<p>(III)</p>
<p>UK/3.51d</p> <p>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>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73) -(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO MSC.1/Circ.1242</p>	<p>EN 54-7:2000 incl. A1:2002 and A2:2006</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 incl. IEC 60092-504 corr.1:2011, IEC 60533:1999</p>	<p>B+D B+E B+F</p>		<p>31.08.2022 (III)</p>

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
<p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted</p> <p>Row 1 of 2</p>					
<p>UK/3.51d</p> <p>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 accepted</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11 IMO MSC.1/Circ.1242</p>	<p>EN 54-7:2018</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>13.09.2019</p>	
<p>UK/3.51e</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7</p>	<p>EN 54-10:2002 incl. A1:2005</p>	<p>B+D</p>	<p>19.06.2018</p>	

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
<p>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 accepted</p> <p>Row 1 of 1</p>	<p>SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11 IMO MSC.1/Circ.1242</p>	<p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+E B+F</p>		
<p>UK/3.51f</p> <p>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>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73) FSS Code 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11 IMO MSC.1/Circ.1242</p>	<p>EN 54-11:2001 incl. A1:2005</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	

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
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<p>UK/3.51g</p> <p>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 accepted</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73) FSS Code 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11 IMO MSC.1/Circ.1242</p>	<p>EN 54-17:2005 incl. AC:2007</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	
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<p>UK/3.51h</p> <p>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>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11</p>	<p>EN 54-18:2005 incl. AC:2007</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	
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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
<p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted</p> <p>Row 1 of 1</p>	IMO MSC.1/Circ.1242				
<p>UK/3.51i</p> <p>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 accepted</p> <p>Row 1 of 3</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11 IMO MSC.1/Circ.1242</p>	<p>EN 60332-1-2:2004 incl.A1:2015, IEC 60092-376:2017.</p> <p>And, as applicable, electrical and electronic installations on ships:</p> <p>IEC 60092-504:2016, IEC 60533:2015, IEC 60332-1-2:2004 incl. A1:2015.</p> <p>And/or Fire resistant cables:</p> <p>IEC 60092-376:2017 IEC 60331-1:2009 or IEC 60331-1:2009</p> <p>And as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015 IEC 60332-1-2:2004 incl. A1:2015</p>	<p>B+D B+E B+F</p>	19.06.2018	28.03.2021 (III)
<p>UK/3.51i</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7</p>	<p>IEC 60332-1-2:2004 incl. A1:2015 and A11:2016,</p>	<p>B+D</p>	13.09.2019	15.08.2025 (III)

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
<p>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 accepted</p> <p>Row 2 of 3</p>	<p>SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7, IMO Res MSC.97(73)-(2000 HSC Code) 7, IMO Res MSC.98(73)-(FSS Code) 9 IMO Res MSC.391(95)-(IGF Code) 11 IMO MSC.1/Circ.1242</p>	<p>IEC 60092-376:2017, And, as applicable, electrical and electronic installations on ships: IEC 60092-504:2016, IEC 60533:2015. IEC 60332-1-2:2004 inc.A1:2015. And/or: Fire resistant cables: IEC 60092-376:2017 IEC 60331-1:2018 or IEC 60331-2:2018 And as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015 IEC 60332-1-2:2004 incl. A1:2015</p>	<p>B+E B+F</p>		
<p>UK/3.51i</p> <p>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</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7, IMO Res MSC.97(73)-(2000 HSC Code) 7, IMO Res MSC.98(73)-(FSS Code) 9, IMO Res MSC.391(95)-(IGF Code) 11, IMO MSC.1/Circ.1242</p>	<p>EN 603332-1-2:2004 incl. A1:2015, A11:2016 and A12:2020, IEC 60092-376:2017. And as applicable, electrical and electronic installation in ships: IEC 60092-504:2016, IEC 60533:2015, IEC 60332-1-2:2004 incl. A1:2015, A11:2016 and A12:2020. And/or Fire resistant cables:</p>	<p>B+D B+E B+F</p>	<p>01.07.2022</p>	

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
standards at the time of placing on board can still be accepted Row 3 of 3		IEC 60092-376:2017, IEC 60331-1:2018 or IEC 60331-2:2018, And as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015 IEC 60332-1-2:2004 incl. A1:2015.			
UK/3.52 Non-portable and transportable fire extinguishers Row 1 of 1	<p>Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3</p> <p>Carriage & Performance requirements SOLAS 74 Reg II-2/4, SOLAS 74 Reg II-2/10, IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7</p>	EN 1866-1:2007 EN 1866-2:2014 or EN 1866-1:2007 EN 1866-3:2013 or ISO 11601:2017	B+D B+E B+F	13.09.2019	
UK/3.53 Fire alarm devices - Sounders Row 1 of 2	<p>Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73)-(FSS Code) 9</p> <p>Carriage & Performance requirements SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO MSC.1/Circ.1242</p>	EN 54-3:2014 IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	16.03.2017	12.08.2023 (III)

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
<p>UK/3.53 Fire alarm devices - Sounders Row 2 of 2</p>	<p>IMO MSC.1/Circ.1487</p> <p>Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg X/3 IMO Res MSC.98(73) FSS Code 9</p> <p>Carriage & Performance requirements SOLAS 74 Reg II-2/7 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.98(73)-(FSS Code) 9 IMO MSC.1/Circ.1242 IMO MSC.1/Circ.1487</p>	<p>EN 54-3:2014 incl.A1:2019 IEC 60092-504:2016 IEC 60533:2015</p>	<p>B+D B+E B+F</p>	<p>12.08.2020</p>	
<p>UK/3.54a Fixed oxygen analysis and gas detection equipment Category 4: (Safe area) Row 1 of 2</p>	<p>Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3</p> <p>Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 IMO Res MSC.98(73) FSS code 15 for combined O₂/HC systems additionally: IMO MSC.1/Circ.1370</p>	<p>EN 50104:2010 IEC 60092-504:2016 IEC 60533:2015</p> <p>for combined O₂/HC systems additionally: IMO MSC.1/Circ.1370</p>	<p>B+D B+E B+F</p>	<p>12.08.2020</p>	<p>25.08.2024 (III)</p>
<p>UK/3.54a Fixed oxygen analysis and gas detection equipment Category 4: (Safe area) Row 2 of 2</p>	<p>Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3</p> <p>Carriage & Performance requirements SOLAS 74 Reg II-2/4</p>	<p>EN 50104:2019 IEC 60092-504:2016 IEC 60533:2015</p> <p>for combined O₂/HC systems additionally: IMO MSC.1/Circ.1370</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	

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
	SOLAS 74 Reg VI/3 IMO Res MSC.98(73) FSS code 15 for combined O ₂ /HC systems additionally: IMO MSC.1/Circ.1370				
UK/3.54b Fixed oxygen analysis and gas detection equipment Category 3: (Explosive gas atmospheres) Row 1 of 3	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 IMO Res MSC.98(73) FSS code 15 for combined O ₂ /HC systems additionally: IMO MSC.1/Circ.1370	EN 50104:2010, IEC 60079-0:2012 incl.A11:2013, IEC 60079-29-1:2016, IEC 60092-504:2016, IEC 60533:2015, for combined O ₂ /HC systems additionally: IMO MSC.1/Circ.1370	B+D B+E B+F	19.06.2018	12.08.2023 (III)
UK/3.54b Fixed oxygen analysis and gas detection equipment Category 3: (Explosive gas atmospheres) Row 2 of 3	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 IMO Res MSC.98(73) FSS Code 15 for combined O ₂ /HC systems additionally: IMO MSC.1/Circ.1370	EN 50104:2010 IEC 60079-0:2018 IEC 60079-29-1:2016 IEC 60092-504:2016 IEC 60533:2015 for combined O ₂ /HC systems additionally: IMO MSC.1/Circ.1370	B+D B+E B+F	12.08.2020	25.08.2024
UK/3.54b	Type Approval Requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3	EN 50104:2019 IEC 60079-0:2018 incl.AC:2020 IEC 60079-29-1:2016	B+D B+E B+F	25.08.2021	

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
Fixed oxygen analysis and gas detection equipment Category 3: (Explosive gas atmospheres) Row 3 of 3	Carriage & Performance requirements SOLAS 74 Reg II-2/4 SOLAS 74 Reg VI/3 IMO Res MSC.98(73) FSS Code 15 for combined O ₂ /HC systems additionally: IMO MSC.1/Circ.1370	IEC 60092-504:2016 IEC 60533:2015 for combined O ₂ /HC systems additionally: IMO MSC.1/Circ.1370			
UK/3.55a Dual purpose type nozzles (spray/jet type): Hand-held branch pipes for fire service use – combination branch pipes PN16 Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7	EN 15182-1:2007 incl.A1:2009 EN 15182-2:2007 incl.A1:2009	B+D B+E B+F		12.08.2023 (III)
UK/3.55a Dual purpose type nozzles (spray/jet type): Hand-held branch pipes for fire service use – combination branch pipes PN16 Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7	EN 15182-1:2019 EN 15182-2:2019	B+D B+E B+F	12.08.2020	
UK/3.55b	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3	EN 15182-1:2007 incl.A1:2009 EN 15182-3:2007 incl.A1:2009	B+D B+E B+F		12.08.2023 (III)

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
Dual purpose type nozzles (spray/jet type): Hand-held branch pipes for fire service use – Smooth bore jet and/or one fixed spray jet angle branch pipes PN16 Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7				
UK/3.55b Dual purpose type nozzles (spray/jet type): Hand-held branch pipes for fire service use – Smooth bore jet and/or one fixed spray jet angle branch pipes PN16 Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)(2000 HSC Code) 7	EN 15182-1:2019 EN 15182-3:2019	B+D B+E B+F	12.08.2020	
UK/3.56 Fixed firefighting hose systems Hose reels with semi-rigid hose Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7	EN 671-1:2012	B+D B+E B+F		
UK/3.57	Type Approval Requirements	IMO MSC/Circ.798	B+D		

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
<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 accepted</p> <p>Row 1 of 1</p>	<p>SOLAS 74 Reg II-2/10</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10.8.1 IMO Res MSC.98(73) FSS Code 14 IMO MSC.1/Circ.1239 IMO MSC.1/Circ.1276</p>		<p>B+E 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 accepted</p> <p>Row 1 of 1</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/10</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 6 IMO Res MSC.98(73) FSS Code 14 IMO MSC.1/Circ.1239 IMO MSC.1/Circ.1276</p>	<p>IMO MSC/Circ.1312 IMO MSC/Circ.1312 corr.1</p>	<p>B+D B+E B+F</p>		
<p>UK/3.59</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/1 IMO Res MSC.4(48) IBC Code 11</p>	<p>IMO MSC/Circ.1312 IMO MSC/Circ.1312/Corr.1</p>	<p>B+D B+E B+F</p>		

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		
Expansion foam for fixed fire extinguishing systems for chemical tankers Row 1 of 1	Carriage & Performance requirements IMO Res MSC.4(48) IBC Code 11 IMO MSC/Circ.553						
UK/3.60 Nozzles for fixed pressure water spraying fire extinguishing systems for cabin balconies Row 1 of 1	<table border="1"> <tr> <td>Type Approval Requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 7</td> <td>Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 7 IMO MSC.1/Circ.1313</td> </tr> </table>	Type Approval Requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 7	Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 7 IMO MSC.1/Circ.1313	IMO MSC.1/Circ.1268	B+D B+E B+F		
Type Approval Requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 7	Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 7 IMO MSC.1/Circ.1313						
UK/3.61a Inside air expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and Ro-Ro spaces, special category spaces and cargo spaces Note: Inside/outside air high expansion foam systems for the protection of machinery spaces, cargo pump rooms, vehicle and Ro-Ro spaces, special category spaces and cargo	<table border="1"> <tr> <td>Type Approval Requirements SOLAS 74 Reg II-2/10</td> <td>Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 6 IMO MSC.1/Circ.1528</td> </tr> </table>	Type Approval Requirements SOLAS 74 Reg II-2/10	Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 6 IMO MSC.1/Circ.1528	IMO MSC.1/Circ.1384	B+D B+E B+F		
Type Approval Requirements SOLAS 74 Reg II-2/10	Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 6 IMO MSC.1/Circ.1528						

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
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spaces shall be tested with the approved concentrate to the satisfaction of the administration Row 1 of 1					
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<p>UK/3.61b</p> <p>Outside air 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> <p>SOLAS 74 Reg II-2/10</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) FSS Code 6 IMO MSC.1/Circ.1528</p>	IMO MSC.1/Circ.1384	B+D B+E B+F		
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UK/3.62	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/1</p>	IMO MSC.1/Circ.1315	B+D		
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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
Dry chemical powder extinguishing systems Row 1 of 1	Carriage & Performance requirements SOLAS 74 Reg II-2/1 IMO Res MSC.5(48) IGC Code 11 IMO Res MSC.391(95) IGF Code 11 IMO MSC.1/Circ.1617		B+E B+F		
UK/3.63a Sample extraction smoke detection systems components Control and indicating equipment. Electrical installation in ships Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 3	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10	IMO Res MSC.98(73) FSS Code 10, EN 54-2:1997 incl.AC:1999 and A1:2006. And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016, IEC 60533:2015. and as applicable for explosive atmospheres: EN 60079-0:2012 incl.A11:2013.	B+D B+E B+F	19.06.2018	12.08.2023 (III)
UK/3.63a Sample extraction smoke detection systems components Control and indicating equipment. Electrical installation in ships	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19	IMO Res MSC.98(73) FSS Code 10, EN 54-2:1997 incl.AC:1999 and A1:2006. And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	12.08.2020	25.08.2024 (III)

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
<p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted</p> <p>Row 2 of 3</p>	<p>SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10</p>	<p>And, as applicable for explosive atmospheres: EN IEC 60079-0:2018</p>			
<p>UK/3.63a</p> <p>Sample extraction smoke detection systems components</p> <p>Control and indicating equipment. Electrical installation in ships</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 accepted</p> <p>Row 3 of 3</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7, SOLAS 74 Reg II-2/19, SOLAS 74 Reg II-2/20, IMO Res MSC.98(73) FSS Code 10.</p>	<p>IMO Res MSC.98(73) FSS Code 10, EN 54-2:1997 incl.AC:1999 and A1:2006.</p> <p>And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015</p> <p>and as applicable for explosive atmospheres: EN IEC 60079-0:2018 incl.AC:2020</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	
<p>UK/3.63b</p> <p>Sample extraction smoke detection systems components</p> <p>Power supply equipment</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7</p>	<p>IMO Res MSC.98(73) FSS Code 10, EN 54-4:1997 incl.AC:1999, A1:2002 and A2:2006.</p> <p>And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	<p>12.08.2023 (III)</p>

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
<p>Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted</p> <p>Row 1 of 3</p>	<p>SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10</p>	<p>IEC 60533:2015</p> <p>And, as applicable, for explosive atmospheres:</p> <p>EN IEC 60079-0:2012 incl.A11:2013</p>			
<p>UK/3.63b</p> <p>Sample extraction smoke detection systems components</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 accepted</p> <p>Row 2 of 3</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10</p>	<p>IMO Res MSC.98(73) FSS Code 10, EN 54-4:1997 incl.AC:1999, A1:2002 and A2:2006.</p> <p>And, as applicable, electrical and electronic installation in ships:</p> <p>IEC 60092-504:2016 IEC 60533:2015</p> <p>and as applicable for explosive atmospheres:</p> <p>EN IEC 60079-0:2018</p>	<p>B+D B+E B+F</p>	<p>17.08.2020</p>	<p>25.08.2024 (III)</p>
<p>UK/3.63b</p> <p>Sample extraction smoke detection systems components</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Resc.98(73)-(FSS Code) 10.</p>	<p>IMO Res MSC.98(73) FSS Code 10, EN 54-4:1997 incl.AC:1999, A1:2002 and A2:2006.</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	

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
Power supply equipment Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 3 of 3	Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10	And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015 And, as applicable for explosive atmospheres: EN IEC 60079-0:2018 incl.AC:2020			
UK/3.63c Sample extraction smoke detection systems components Aspiring smoke detectors Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 3	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10	IMO Res MSC.98(73) FSS Code 10 EN 54-20:2006 incl.AC:2008 And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015 And, as applicable for explosive atmospheres: EN IEC 60079-0:2012 incl.A11:2013	B+D B+E B+F	19.06.2018	12.08.2023 (III)
UK/3.63c Sample extraction smoke detection systems components Aspiring smoke detectors Note: For products used as spare parts of existing	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19	IMO Res MSC.98(73) FSS Code 10, EN 54-20:2006 incl.AC:2008. And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	12.08.2020	25.08.2024 (III)

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
installations the relevant standards at the time of placing on board can still be accepted Row 2 of 3	SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10	And, as applicable, for explosive atmospheres: EN IEC 60079-0:2018			
UK/3.63c Sample extraction smoke detection systems components Aspiring smoke detectors Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 3 of 3	Type Approval Requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 <hr/> Carriage & Performance requirements SOLAS 74 Reg II-2/7 SOLAS 74 Reg II-2/19 SOLAS 74 Reg II-2/20 IMO Res MSC.98(73) FSS Code 10	IMO Res MSC.98(73) FSS Code 10 EN 54-20:2006 incl.AC:2008 And, as applicable, electrical and electronic installation in ships: IEC 60092-504:2016 IEC 60533:2015 And, as applicable for explosive atmospheres: EN IEC 60079-0:2018 incl.AC:2020	B+D B+E B+F	25.08.2021	
UK/3.64 'C' class divisions Row 1 of 1	Type approval requirements SOLAS 74 Reg. II-2/3.10. <hr/> Carriage & Performance requirements SOLAS 74 Reg II-2/3.10 SOLAS 74 Reg II-2/3.33 SOLAS 74 Reg II-2/9 IMO MSC.1/Circ.1120	IMO Res. MSC.307(88)-(2010 FTP Code), as amended	B+D B+E B+F		
UK/3.65	Type Approval Requirements SOLAS 74 Reg II-2/4	IMO MSC.1/Circ.1370 EN 60079-0:2012 incl.A11:2013	B+D	19.06.2018	12.08.2023 (III)

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
Fixed hydrocarbon gas detection system Row 1 of 3	Carriage & 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	EN 60079-29-1:2016 IEC 60092-504:2016 IEC 60533:2015	B+E B+F		
UK/3.65 Fixed hydrocarbon gas detection system Row 2 of 3	Type Approval Requirements SOLAS 74 Reg II-2/4 Carriage & Performance requirements SOLAS 74 Reg II-2/4 IMO Res MSC.98(73) FSS Code 16 IMO MSC.1/Circ.1370 IMO MSC.1/Circ.1527	IMO MSC.1/Circ.1370 EN 60079-0:2018 EN 60079-29-1:2016 IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	12.08.2020	25.08.2024 (III)
UK/3.65 Fixed hydrocarbon gas detection system Row 3 of 3	Type Approval Requirements SOLAS 74 Reg II-2/4 Carriage & Performance requirements SOLAS 74 Reg II-2/4 IMO Res MSC.98(73) FSS Code 16 IMO MSC.1/Circ.1370 IMO MSC.1/Circ.1527	IMO MSC.1/Circ.1370 EN 60079-0:2018 incl.AC:2020 EN 60079-29-1:2016 IEC 60092-504:2016 IEC 60533:2015	B+D B+E B+F	25.08.2021	
UK/3.66 Evacuation guidance systems used as an alternative to low location lighting Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/13 Carriage & Performance requirements SOLAS 74 Reg II-2/13 IMO MSC.1/Circ.1168	IMO MSC.1/Circ.1168	B+D B+E B+F		

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
UK/3.67 Helicopter facility foam fire-fighting appliances Row 1 of 2	Type Approval Requirements SOLAS 74 Reg II-2/18 Carriage & Performance requirements SOLAS 74 Reg II-2/18 IMO MSC.1/Circ.1431	EN 13565-1:2003 incl.A1:2007	B+D B+E B+F	16.03.2017	12.08.2023 (II)
UK/3.67 Helicopter facility foam fire-fighting appliances Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/18 Carriage & Performance requirements SOLAS 74 Reg II-2/18 IMO Res MSC.98(73) – (FSS Code) 17	EN 13565-1:2019	B+D B+E B+F	12.08.2020	
UK/3.68 Galley exhaust duct fixed fire extinguishing systems components Note: For products used as spare parts of existing installations the relevant standards at the time of placing on board can still be accepted Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/9 Carriage & Performance requirements SOLAS 74 Reg II-2/9	ISO 15371:2015	B+D B+E B+F	16.03.2017	
UK/3.69	Type Approval Requirements SOLAS 74 Reg II-2/10	IMO MSC.1/Circ.1472	B+D		

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
Mobile water monitor for ships constructed on or after 1 January 2016 designed to carry five or more tiers of containers on or above the weather deck Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg II-2/19 IMO MSC.1/Circ.1472 IMO MSC.1/Circ.1550		B+E B+F		
UK/3.69 Mobile water monitor for ships constructed on or after 1 January 2016 designed to carry five or more tiers of containers on or above the weather deck Row 2 of 2	Type Approval Requirements SOLAS 74 Reg II-2/10 Carriage & Performance requirements SOLAS 74 Reg II-2/10, SOLAS 74 Reg II-2/19, IMO Res MSC.98(73) – (FSS Code) 12, IMO MSC.1/Circ.1472, IMO MSC.1/Circ.1550.	IMO MSC.1/Circ.1472	B+D B+E B+F		
UK/3.70 Fire-fighting hoses Semi-rigid hoses for fixed systems Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.36(63)-(1994 HSC Code) 7 IMO Res MSC.97(73)-(2000 HSC Code) 7	EN 694:2014	B+D B+E B+F		
UK/3.71	Type Approval Requirements SOLAS 74 Reg II-2/10	EN 671-2:2012	B+D	16.03.2017	

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
Fixed fire-fighting hose systems Hose systems with lay-flat hose Row 1 of 1	SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg II-2/10 IMO Res MSC.97(73)-(2000 HSC Code) 7 IMO Res MSC.36(63)-(1994 HSC Code) 7		B+E B+F		

4. Navigation equipment

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 & Performance requirements SOLAS 74 Reg V/19 IMO Res A.382(X) IMO Res A.694(17) IMO Res MSC.97(73) 2000 HSC Code 13 IMO Res MSC.36(63) 1994 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: IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2:1998 - IEC 61162-3:2008 + A1:2010 + A2:2014 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 61162 series: - IEC 61162-1:2016	B+D B+E B+F G	13.09.2019	12.08.2023 (I)
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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
		<ul style="list-style-type: none"> - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed.1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:108 IEC 62923-2:2018 End of note on IMO Res.MSC.302(87)			
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 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 <hr/> Carriage & Performance requirements SOLAS 74 Reg V/19, IMO Res A.382(X), IMO Res A.694(17), IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.302(87).	ISO 1069:1973 ISO 25862:2019 EN 60945:2002 incl. IEC 60945 corr.1:2008 Or: ISO 1069:1973 ISO 25862:2019 IEC 60945:2002 incl. IEC 60945 corr.1:2008 Note: and where IMO Res MSC.302(87) is applicable: EN 61162 series: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - IEC 61162-1:2016 	B+D B+E B+F G	12.08.2020	

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
		<ul style="list-style-type: none"> - IEC 61162-2 Ed 1.0:1998-09 - IEC 61162-3 Ed 1.2 Consol. With A1 Ed 1.0:2010-11 and A2 Ed 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018 End of note on IMO Res MSC.302(87)			
UK/4.2 Transmitting heading device THD (magnetic method) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg V/19 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)- (2000 HSC Code) 13 IMO Res MSC.116(73) IMO Res MSC.191(79) IMO Res MSC.302(87)	ISO 22090-2:2014 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - 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 22090-2:2014 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 	B+D B+E B+F G	13.09.2018	01.07.2025 (I)

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
		Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
<p>UK/4.2</p> <p>Transmitting heading device THD (magnetic method)</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg V/18 SOLAS 74 Reg V/19 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73) (2000 HSC Code) 13</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.116(73) IMO Res MSC.191(79) IMO Res MSC.302(87)</p>	<p>ISO 22090-2:2014 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018</p> <p>EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 22090-2:2014 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018</p> <p>IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018</p>	<p>B+D B+E B+F G</p>	<p>01.11.2022</p>	

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
UK/4.3 Gyro compass Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 <hr/> Carriage & Performance requirements 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)	ISO 8728:2014 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 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 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F G	13.09.2019	
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 <hr/> Carriage & Performance requirements For new certificates refer to item UK/4.65	For new certificates refer to item UK/4.65	For new certificates refer to item UK/4.65	25.08.2021	

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

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

<p>UK/4.6 Echo sounding 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> <hr/> <p>Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.224(VII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73) (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.74(69) Annex 4 IMO Res MSC.302(87)</p>	<p>EN ISO 9875:2001 incl. ISO Technical corr.1:2006 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - 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 9875:2001 incl. ISO Technical corr.1:2006 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018</p>	<p>B+D B+E B+F G</p>	<p>13.09.2019</p>	<p>01.07.2025 (l)</p>
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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
		IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.6 Echo sounding equipment Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73) (2000 HSC Code) 13 <hr/> Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.224(VII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73) (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.74(69) Annex 4 IMO Res MSC.302(87)	EN ISO 9875:2001 incl. ISO Technical corr.1:2006 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 9875:2001 incl. ISO Technical corr.1:2006 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F G	01.11.2022	

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
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<p>UK/4.7</p> <p>Speed and distance measuring equipment (SDME)</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>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> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res A.824(19) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73) (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87)</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61023:2007 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018</p> <p>EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 EN 61023:2007 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018</p>	<p>B+D B+E B+F G</p>	<p>13.09.2019</p>	<p>01.07.2025 (l)</p>
<p>UK/4.7</p> <p>Speed and distance measuring equipment (SDME)</p>	<p>Type Approval Requirements</p> <p>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 61023:2007 EN 61162 series: - EN 61162-1:2016</p>	<p>B+D B+E B+F G</p>	<p>01.11.2022</p>	

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
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Row 2 of 2	Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res A.824(19) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	<ul style="list-style-type: none"> - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 EN 61023:2007 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
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Item UK/4.8 Rudder angle, rpm, pitch indicator – item moved to UK/4.20, UK/4.21 and UK/4.22

UK/4.9 Rate of turn indicator Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2 Ed.1.0:1998 	B+D B+E B+F G	13.09.2019	01.07.2025 (I)
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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
	<p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res A.526(13) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73) (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87)</p>	<ul style="list-style-type: none"> - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 <p>ISO 20672:2007 incl.corr.1:2008 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>ISO 20672:2007 incl. corr.1:2008 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018</p>			
<p>UK/4.9</p> <p>Rate of turn indicator</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>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>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res A.526(13) IMO Res MSC.36(63)-(1994 HSC Code) 13</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 <p>ISO 20672:2022 EN 62288:2022 EN IEC 62923-1:2018</p>	<p>B+D B+E B+F G</p>	<p>01.11.2022</p>	

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
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	IMO Res MSC.97(73) (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 ISO 20672:2022 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
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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

UK/4.14	Type Approval Requirements SOLAS 74 Reg V/18	EN 60945:2002 incl. IEC 60945 corr.1:2008	B+D	13.09.2019	01.07.2025 (I)
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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
GPS equipment Row 1 of 2	<p>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>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.112(73) IMO Res MSC.191(79) IMO Res MSC.302(87)</p>	<p>EN 61108-1:2003 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 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>IEC 61108-1 Ed. 2.0:2003 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 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018</p>	B+E B+F G		
UK/4.14 GPS equipment Row 2 of 2	<p>Type Approval Requirements</p> <p>For new certificates refer to item UK/4.63</p> <p>Carriage & Performance requirements</p> <p>For new certificates refer to item UK/4.63</p>	For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	25.08.2021	

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
<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>Carriage & 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) IMO Res MSC.191(79) IMO Res MSC.302(87)</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</p> <p>EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 EN 61108-2 Ed.1.0:1998 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018</p>	<p>B+D B+E B+F G</p>	<p>13.09.2019</p>	<p>01.07.2025 (l)</p>
<p>UK/4.15 GLONASS 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>Carriage & Performance requirements For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>25.08.2021</p>	

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
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UK/4.16 Heading Control System (HCS) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18	ISO 11674:2019 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 11674:2019 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F G	12.08.2020	01.07.2027 (I)
	Carriage & Performance requirements SOLAS 74 Reg V/18 SOLAS 74 Reg V/19 IMO Res A.342 (IX) IMO Res A.694 (17) IMO Res MSC.191(79) IMO Res MSC.64(67) Annex 3 IMO Res MSC.302(87)				
UK/4.16 Heading Control System (HCS)	Type Approval Requirements SOLAS 74 Reg V/18	ISO 11674:2019 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016	B+D B+E B+F G	01.11.2022	
Carriage & Performance requirements					

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
Row 2 of 2	SOLAS 74 Reg V/18 SOLAS 74 Reg V/19 IMO Res A.342 (IX) IMO Res A.694 (17) IMO Res MSC.191(79) IMO Res MSC.64(67) Annex 3 IMO Res MSC.302(87)	<ul style="list-style-type: none"> - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 11674:2019 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
Item UK/4.17, Mechanical pilot hoist – moved to UK/4.48					
UK/4.18 Search and rescue locating devices (SRLD) 9GHz SAR Transponder (SART)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg IV/14 SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61097-1:2007 Or: IEC 60945:2002 incl. 60945 corr.1:2008	B+D B+E B+F G		10.10.2026 (II)

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
Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg III/6 SOLAS 74 Reg IV/7 SOLAS 74 Reg III/26 IMO Res.A530 (13) IMO Res. A.802 (19) IMO Res.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 8 IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 8 IMO Res MSC.97(73)-(2000 HSC Code) 14 ITU-R M.628-5(03/2012)	IEC 61097-1:2007			
UK/4.18 Search and rescue locating devices (SRLD) 9GHz SAR Transponder (SART) Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg IV/14 SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg III/6 SOLAS 74 Reg IV/7 SOLAS 74 Reg III/26 IMO Res.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 8 IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 8 IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res.MSC.510(105), ITU-R M.628-5(03/2012)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61097-1:2007 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61097-1:2007	B+D B+E B+F G	21.03.2024	

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
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Item UK/4.19 Radar equipment for high speed craft – moved to UK/4.37

<p>UK/4.20 Rudder angle indicator 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>Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694 (17) IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 IMO Res MSC.191(79) IMO Res MSC.302(87)</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 IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 ISO 20673:2007</p>	<p>B+D B+E B+F G</p>	<p>13.09.2019</p>	<p>01.07.2025 (I)</p>
<p>UK/4.20 Rudder angle indicator</p>	<p>Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:</p>	<p>B+D B+E B+F</p>	<p>01.11.2022</p>	

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
Row 2 of 2	IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694 (17) IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	<ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 20673:2022 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 ISO 20673:2022	G		
UK/4.21 Propeller revolution indicator Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 Carriage & Performance requirements SOLAS 74 Reg V/19	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
	IMO Res A.694 (17) IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	EN IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 22554:2015 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 ISO 22554:2015.			
UK/4.21 Propeller revolution indicator Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694 (17) IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 22554:2015 Or:	B+D B+E B+F G	01.11.2022	

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
		IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 ISO 22554:2015			
UK/4.22 Pitch indicator Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 <hr/> Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694 (17) IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 22555:2007 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
		<ul style="list-style-type: none"> - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 ISO 22555:2007			
UK/4.22 Pitch indicator Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694 (17) IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 22555:2022 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - 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 	B+D B+E B+F G	01.11.2022	

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
		- IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 ISO 22555:2022			
UK/4.23 Magnetic compass: Class B for lifeboats and rescue boats Row 1 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.48(66)-(LSA Code) IV IMO Res MSC.48(66)-(LSA Code) V IMO Res MSC.36(63)-(1994 HSC Code) 8 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 8 IMO Res MSC.97(73)(2000 HSC Code) 13	ISO 1069:1973 ISO 25862:2009 IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G		12.08.2023 (II)
UK/4.23 Magnetic compass: Class B for lifeboats and rescue boats Row 2 of 2	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg X/3 IMO Res MSC.36(63) 1994 HSC Code 13 IMO Res MSC.97(73) 2000 HSC Code 13 Carriage & Performance requirements SOLAS 74 Reg III/34 IMO Res MSC.48(66)-(LSA Code) IV IMO Res MSC.48(66)-(LSA Code) V IMO Res MSC.36(63)-(1994 HSC Code) 8 IMO Res MSC.36(63)-(1994 HSC Code) 13	ISO 1069:1973 ISO 25862:2019 IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G	12.08.2020	

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
	IMO Res MSC.97(73)-(2000 HSC Code) 8 IMO Res MSC.97(73)(2000 HSC Code) 13				
Item UK/4.24, Automatic radar plotting aid (ARPA) – moved to UK/4.37					
Item UK/4.25, Automatic tracking aid (ATA) – moved to UK/4.35					
Item UK/4.26, Automatic tracking aid (ATA) for high-speed craft – moved to UK/4.38					
Item UK/4.27, Electronic plotting aid – moved to UK/4.36					
Item UK/4.28, Integrated bridge system – moved to UK/4.30					
UK/4.29 Voyage data recorder (VDR) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/20 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 61996-1:2013+A1:2021 EN 62288:2014, EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008	B+D B+E B+F G	01.07.2022	30.06.2025

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
	IMO Res MSC.333(90)	IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 61996-1 Ed 2.0:2013 +A1:2021 IEC 62288 Ed 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.29 Voyage data recorder (VDR) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/20 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO Res MSC.333(90)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 61996-1:2013 + A1:2021 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09	B+D B+E B+F G	01.07.2022	

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
		<ul style="list-style-type: none"> - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 61996-1 Ed 2.0:2013 +A1:2021 IEC 62288 Ed 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS) Row 1 of 3	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg V/27 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res.MSC.232(82), IMO Res MSC.302(87) IMO Res MSC.1/Circ.1503.Rev.1 (ECDIS back up and RCDS are only applicable when this functionality is included in the ECDIS. The module B certificate shall indicate whether these options were tested)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 61174:2015 EN IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - 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 	B+D B+E B+F G	13.09.2018	01.01.2024 (I)

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
		<ul style="list-style-type: none"> - IEC 61162-450:2018 IEC 61174 Ed.4.0:2015 IEC 62288 Ed 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 			
<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 3</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg V/18 SOLAS 74 Reg V/27 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.232(82) IMO Res MSC.302(87) IMO Res MSC.1/Circ.1503 Rev.1</p> <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>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 <p>EN 61174:2015 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>Note: Annex S (normative of EN 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021</p> <p>Or:</p> <p>IEC 60945:2002 incl. 60945 corr.1:2008</p> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 61174 Ed.4.0:2015</p>	<p>B+D B+E B+F G</p>	<p>01.07.2022</p>	<p>31.12.2028</p>

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
		IEC 62288 Ed 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 Note: Annex S (normative of EN 61174 may additionally be tested in accordance to IEC PAS 61174-1:2021			
UK/4.31 Gyro compass for high-speed craft Row 1 of 2	Type Approval Requirements SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.694(17) IMO Res A.821(19) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO Res MSC.1/Circ.1349	ISO 16328:2014 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 16328:2014 IEC 60945:2002 incl. 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	B+D B+E B+F G	13.09.2018	01.07.2025 (l)

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
		IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.31 Gyro compass for high-speed craft Row 2 of 2	Type Approval Requirements For new certificates refer to item UK/4.65 Carriage & Performance requirements For new certificates refer to item UK/4.65	For new certificates refer to item UK/4.65	For new certificates refer to item UK/4.65	25.08.2021	
UK/4.32 Universal automatic identification system equipment (AIS) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.74(69) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM 1371-5 (02-2014) Note: ITU-RM 1371-5 (02-2014) shall only be applicable in accordance with requirements of IMO Res MSC.74(69)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 IEC 61993-2:2018 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 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	B+D B+E B+F G	13.09.2019	01.07.2025 (l)

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
		IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.32 Universal automatic identification system equipment (AIS) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.74(69) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM 1371-5 (02-2014) Note: ITU-RM 1371-5 (02-2014) shall only be applicable in accordance with requirements of IMO Res MSC.74(69)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 IEC 61993-2:2018 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 61993-2:2018 IEC 62288 Ed 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F G	01.11.2022	
UK/4.33	Type Approval Requirements SOLAS 74 Reg V/18	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:	B+D	13.09.2019	01.07.2025 (I)

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
Track control system Row 1 of 2	Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.74(69) IMO Res MSC.191(79) IMO Res MSC.302(87)	<ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62065:2014 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed.1.0:2014-07 - IEC 61162-450:2018 IEC 62065 Ed.2.2:2014-02 IEC 62288 Ed 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018	B+E B+F G		
UK/4.33 Track control system Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 <hr/> Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.74(69) IMO Res MSC.191(79)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62065:2014	B+D B+E B+F G	01.11.2022	

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		
	IMO Res MSC.302(87)	EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed.1.0:2014-07 - IEC 61162-450:2018 IEC 62065 Ed.2.0:2014-02 IEC 62288 Ed 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018					
UK/4.34 Radar equipment CAT 1 Row 1 of 2	<table border="1"> <tr> <td> Type Approval Requirements SOLAS 74 Reg V/18 </td> <td rowspan="2"> EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 EN 62388:2013 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: </td> </tr> <tr> <td> Carriage & 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-RM.1177-4(04/11) </td> </tr> </table>	Type Approval Requirements SOLAS 74 Reg V/18	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 EN 62388:2013 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or:	Carriage & 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-RM.1177-4(04/11)	B+D B+E B+F G	13.09.2019	01.01.2024 (I)
Type Approval Requirements SOLAS 74 Reg V/18	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 EN 62388:2013 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or:						
Carriage & 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-RM.1177-4(04/11)							

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
		IEC 60945:2002 incl. 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 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.34 Radar equipment CAT 1 Moved to UK/4-64 Row 2 of 2	Type Approval Requirements For new certificates refer to item UK/4.64 Carriage & Performance requirements For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	
UK/4.35 Radar equipment CAT 2 Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 Carriage & 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)	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 EN IEC 62923-1:2018 EN IEC 62923-2:2018	B+D B+E B+F G	13.09.2018	01.01.2024 (I)

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
	ITU-RM.1177-4(04/11)	Or: IEC 60945:2002 incl. 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 62388 Ed 2.0:2013-06 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
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 Carriage & Performance requirements For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	
UK/4.36 Radar equipment CAT 3 Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 Carriage & 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-RM.1177-4(04/11)	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	B+D B+E B+F G	13.09.2019	01.01.2024 (I)

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
		Or: IEC 60945:2002 incl. 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 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.36 Radar equipment CAT 3 Row 2 of 2	Type Approval Requirements For new certificates refer to item UK/4.64 Carriage & Performance requirements For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	
UK/4.37 Radar equipment for high-speed craft application (CAT 1H and CAT 2H) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 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 EN IEC 62923-1:2018	B+D B+E B+F G	13.09.2019	01.01.2024 (I)

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
	IMO Res MSC.97(73)-(2000 HSC Code) 13. IMO Res MSC.192(79) IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349 ITU-RM.1177-4(04/11)	EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 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 IEC 62923-1:2018 IEC 62923-2:2018			
<p>UK/4.37</p> <p>Radar equipment for high-speed craft application (CAT 1H and CAT 2H)</p> <p>Moved to UK/4.64</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>For new certificates refer to item UK/4.64</p> <p>Carriage & Performance requirements</p> <p>For new certificates refer to item UK/4.64</p>	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	
<p>UK/4.38a</p> <p>Radar equipment approved with a chart option, namely: CAT 1C</p> <p>Row 1 of 3</p>	<p>Type Approval Requirements</p> <p>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>Carriage & Performance requirements</p> <p>IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13</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 62288:2014</p>	<p>B+D B+E B+F G</p>	13.09.2019	12.08.2023 (I)

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
	IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.192(79) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM.1177-4(04/11)	EN 62388:2013 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 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 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.38a Radar equipment approved with a chart option, namely: CAT 1C Row 2 of 3	Type Approval Requirements SOLAS 74 Reg V/18 <hr/> Carriage & Performance requirements IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.192(79) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM.1177-4(04/11)	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 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008	B+D B+E B+F G	12.08.2020	01.01.2024 (I)

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
		IEC 61162 series: <ul style="list-style-type: none"> - 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 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.38a Radar equipment approved with a chart option, namely: CAT 1C Note: New certification shall be carried out according to UK/4.64 CAT1 Row 3 of 3	Type Approval Requirements For new certificates refer to item UK/4.64 Carriage & Performance requirements For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	
UK/4.38b Radar equipment approved with a chart option, namely: CAT 2C 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 & Performance requirements IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - 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	13.09.2019	12.08.2023 (I)

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
	IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.192(79) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM.1177-4(04/11)	EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 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 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.38b Radar equipment approved with a chart option, namely: CAT 2C Row 2 of 3	Type Approval Requirements SOLAS 74 Reg V/18 Carriage & Performance requirements IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.192(79) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM.1177-4(04/11)	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 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series:	B+D B+E B+F G	12.08.2020	01.01.2024 (I)

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
		<ul style="list-style-type: none"> - 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 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.38b Radar equipment approved with a chart option, namely: CAT 2C Note: New certification shall be carried out according to UK/4.64 CAT 2 Row 3 of 3	Type Approval Requirements For new certificates refer to item UK/4.64 Carriage & Performance requirements For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	
UK/4.38c Radar equipment for high-speed craft application approved with a chart option, namely: CAT 1HC Row 1 of 2	Type Approval Requirements SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - 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	13.09.2019	01.01.2024 (I)

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
	IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.192(79) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM.1177-4(04/11) IMO MSC.1/Circ.1349	EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 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 IEC 62923-1:2018 IEC 62923-2:2018			
<p>UK/4.38c</p> <p>Radar equipment for high-speed craft application approved with a chart option, namely:</p> <p>CAT 1HC Note: New certification shall be carried out according to UK/4.64 CAT 1H</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>For new certificates refer to item UK/4.64</p> <p>Carriage & Performance requirements</p> <p>For new certificates refer to item UK/4.64</p>	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	
UK/4.38d	Type Approval Requirements SOLAS 74 Reg X/3	EN 60945:2002 incl. IEC 60945 corr.1:2008	B+D	13.09.2019	01.01.2024 (I)

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
<p>Radar equipment for high-speed craft application approved with a chart option, namely: CAT 2HC Row 1 of 2</p>	<p>IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13</p> <p>Carriage & Performance requirements</p> <p>IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.192(79) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-RM.1177-4(04/11) IMO MSC.1/Circ.1349</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 62288:2014 EN 62388:2013 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>Or: IEC 60945:2002 incl. 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 62288 Ed.2.0:2014-07 IEC 62388 Ed 2.0:2013-06 IEC 62923-1:2018 IEC 62923-2:2018</p>	<p>B+E B+F G</p>		
<p>UK/4.38d Radar equipment for high-speed craft application approved with a chart option, namely: CAT 2HC</p>	<p>Type Approval Requirements For new certificates refer to item UK/4.64</p> <p>Carriage & Performance requirements For new certificates refer to item UK/4.64</p>	<p>For new certificates refer to item UK/4.64</p>	<p>For new certificates refer to item UK/4.64</p>	<p>25.08.2021</p>	

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
Note: New certification shall be carried out according to UK/4.64 CAT 2H Row 2 of 2					
UK/4.39 Radar reflector – passive type Row 1 of 1	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.164(78)	ISO 8729-1:2010 EN 60945:2002 incl. IEC 60945 corr.1:2008 Or: ISO 8729-1:2010 IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G		
UK/4.40 Heading control system for high-speed craft Row 1 of 2	Type Approval Requirements SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.694(17) IMO Res A.822(19) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349.	ISO 16329:2003 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 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:	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
		ISO 16329:2003 IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.40 Heading control system for high-speed craft Row 2 of 2	Type Approval Requirements SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.694(17) IMO Res A.822(19) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.302(87) IMO MSC.1/Circ.1349	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 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 16329:2003 IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016	B+D B+E B+F G	01.11.2022	

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
		<ul style="list-style-type: none"> - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. With A1 Ed.1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.41 Transmitting heading device THD (GNSS method) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg X/3 SOLAS 74 Reg V/18 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & 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.302(87) IMO Res MSC.191(79) IMO Res MSC.116(73)	ISO 22090-3:2014 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 22090-3:2014 IEC 60945:2002 incl. 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 And as applicable: EN 61162 series:	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
		<ul style="list-style-type: none"> - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 Or: IEC 61162 series: <ul style="list-style-type: none"> - 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 			
UK/4.41 Transmitting heading device THD (GNSS method) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & 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.302(87) IMO Res MSC.191(79) IMO Res MSC.116(73)	ISO 22090-3:2014 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. 60945 corr.1:2008 ISO 22090-3:2014 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 And as applicable: EN 61162 series: <ul style="list-style-type: none"> - EN 61162-3:2008 +A1:2010 +A2:2014 	B+D B+E B+F G	01.11.2022	

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
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		<ul style="list-style-type: none"> - IEC 61162-450:2018 Or: IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-3 Ed 1.2 consol. With A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 			
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UK/4.42 Searchlight for high-speed craft Row 1 of 1	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 & Performance requirements IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13	ISO 17884:2004 EN 60945:2002 incl. IEC 60945 corr.1:2008 Or: ISO 17884:2004 IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G		
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UK/4.43 Night vision equipment for high-speed craft Row 1 of 2	Type Approval Requirements SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13	ISO 16273:2003 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 62288:2014 Or: ISO 16273:2003 IEC 60945:2002 incl. 60945 corr.1:2008 IEC 62288 Ed.2.0:2014-07	B+D B+E B+F G		01.07.2025 (I)
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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
	IMO Res.94(72) IMO Res A.191(79)				
UK/4.43 Night vision equipment for high-speed craft Row 2 of 2	Type Approval Requirements SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res A.191(79) IMO Res A.94(72)	ISO 16273:2003 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN IEC 62288:2022 Or: ISO 16273:2020 IEC 60945:2002 incl. 60945 corr.1:2008 IEC 62288 Ed.3.0:2021	B+D B+E B+F G	01.07.2022	
UK/4.44 Differential beacon receiver for DGPS and DGLONASS equipment Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & 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.114(73)	EN 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61108-4:2004 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998, - EN 61162-3:2008+A1:2010+A2:2014, - EN IEC 61162-450:2018 Or: IEC 60945:2002 incl. IEC 60945 Corr.1:2008 IEC 61108-4:2004 EN 61162 series: - EN 61162-1:2016 - EN 61162-2 Ed 1.0:1998-09	B+D B+E B+F G	13.09.2019	01.07.2025 (l)

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
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		<ul style="list-style-type: none"> - EN 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010 + A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 			
<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> <hr/> <p>Carriage & Performance requirements</p> <p>For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>For new certificates refer to item UK/4.63</p>	<p>25.08.2021</p>	

Item UK/4.45, Chart facilities for shipborne radar – item deleted as it is covered by UK/4.38

<p>UK/4.46</p> <p>Transmitting heading device THD (Gyroscopic method)</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg X/3 SOLAS 74 Reg V/18 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/19 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.116(73) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.302(87)</p>	<p>ISO 22090-1:2014 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 </p> <p>EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 22090-1:2014 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series:</p>	<p>B+D B+E B+F G</p>	<p>13.09.2019</p>	<p>01.07.2025 (l)</p>
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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
		<ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol with A1 Ed. 1,0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.46 Transmitting heading device THD (Gyroscopic method) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.116(73) IMO Res MSC.191(79) IMO Res MSC.302(87)	ISO 22090-1:2014, EN 60945:2002 incl. IEC 60945 corr.1:2008, EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: ISO 22090-1:2014 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - 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 	B+D B+E B+F G	01.11.2021	

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
		<ul style="list-style-type: none"> - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 			
<p>UK/4.47</p> <p>Simplified voyage data recorder (S-VDR)</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg V/20</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/20 IMO Res MSC.163(78) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.302(87)</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 <p>EN IEC 61996-2:2008 EN IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>Or:</p> <p>IEC 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 61996-2:2007 IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018</p>	<p>B+D B+E B+F G</p>	<p>13.09.2019</p>	<p>01.07.2025</p> <p>(I)</p>
<p>UK/4.47</p>	<p>Type Approval Requirements</p>		<p>B+D</p>	<p>29.03.2023</p>	

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
Simplified voyage data recorder (S-VDR) Row 2 of 2	<p>SOLAS 74 Reg V/20</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg V/20 IMO Res MSC.163(78) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.302(87)</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 <p>EN IEC 61996-2:2008 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>Or:</p> <p>IEC 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 61996-2:2007 IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018</p>	B+E B+F G		

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")

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
UK/4.49 Pilot ladder Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/23 SOLAS 74 Reg X/3 <hr/> Carriage & Performance requirements SOLAS 74 Reg V/23 IMO Res A.1045(27) IMO MSC/Circ.1428	IMO Res A.1045(27) as amended ISO 799:2004	B+D B+E B+F G		12.08.2023 (II)
UK/4.49 Pilot ladder Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/23 SOLAS 74 Reg X/3 <hr/> Carriage & Performance requirements SOLAS 74 Reg V/23 IMO Res A.1045(27) IMO MSC/Circ.1428	IMO Res A.1045(27) as amended ISO 799-1:2019	B+D B+E B+F G	12.08.2020	
UK/4.50 DGPS equipment Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 <hr/> Carriage & 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.112(73) IMO Res MSC.114(73) IMO Res MSC.191(79)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61108-1:2003 EN 61108-4:2004 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:	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
	IMO Res MSC.302(87)	IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61108-1:2003 IEC 61108-4:2004 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1,0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
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 Carriage & Performance requirements For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	25.08.2021	
UK/4.51 DGLONASS equipment Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61108-2:1998 EN 61108-4:2004 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
	IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.113(73) IMO Res MSC.114(73) IMO Res MSC.191(79) IMO Res MSC.302(87)	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 61108-4:2004 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1,0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.51 DGPS equipment Moved to UK/4.63 Row 2 of 2	Type Approval Requirements For new certificates refer to item UK/4.63 Carriage & Performance requirements For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	25.08.2021	
UK/4.52 Daylight signaling lamp Row 1 of 1	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13	EN 60945:2002 incl. IEC 60945 corr.1:2008 ISO 25861:2007 Or:	B+D B+E B+F		

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
	Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res.95(72) IMO Res MSC.97(73)-(2000 HSC Code) 13	IEC 60945:2002 incl. IEC 60945 corr.1:2008 ISO 25861:2007			
UK/4.53 Radar target enhancer Row 1 of 1	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.164(78) ITU-R M.1176-1(02/13)	ISO 8729-2:2009 EN 60945:2002 incl. IEC 60945 corr.1:2008 Or: ISO 8729-2:2009 IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G		
UK/4.54 Compass bearing device Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 Carriage & Performance requirements SOLAS 74 Reg V/19	ISO 25862:2009 EN 60945:2002 incl. IEC 60945 corr.1:2008 or ISO 25862:2009 IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G		12.08.2023 (l)
UK/4.54	Type Approval Requirements	ISO 25862:2019	B+D	12.08.2020	

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
Compass bearing device Row 2 of 2	SOLAS 74 Reg V/18 Carriage & Performance requirements SOLAS 74 Reg V/19	EN 60945:2002 incl. IEC 60945 corr.1:2008 or IEC 60945:2002 incl. IEC 60945 corr.1:2008 ISO 25862:2019	B+E B+F G		
UK/4.55 Search and rescue locating devices (SRLD): AIS SART equipment Row 1 of 1	Type Approval Requirements SOLAS 74 Reg III/4 SOLAS 74 Reg IV/14 Carriage & Performance requirements SOLAS 74 Reg III/6 SOLAS 74 Reg III/26 SOLAS 74 Reg IV/7 IMO Res MSC.246(83) ITU-R M.1371-5:2014	ISO 61097-14:2010 EN 60945:2002 incl. IEC 60945 corr.1:2008 Or: IEC 61097-14:2010 IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G		
UK/4.56 Galileo equipment Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & 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.191(79) IMO Res MSC.233(82)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61108-3:2010 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:	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
	IMO Res MSC.302(87)	IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61108-3:2010 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1,0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.56 Galileo equipment Moved to UK/4.63 Row 2 of 2	Type Approval Requirements For new certificates refer to item UK/4.63 Carriage & Performance requirements For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	For new certificates refer to item UK/4.63	25.08.2021	
UK/4.57 Bridge navigational watch alarm system (BNWAS) Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.128(75) IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1474	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 EN 62616:2010 incl. IEC 62616 corr.1:2012 EN IEC 62923-1:2018	B+D B+E B+F G	13.09.2019	01.07.2025

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
		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 62616:2010 incl. IEC 62616 corr.1:2012 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.57 Bridge navigational watch alarm system (BNWAS) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.128(75) IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1474	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2022 EN 62616:2010 incl. IEC 62616 corr.1:2012 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G	01.11.2022	

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
		IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1,0:2010-11 and A2 Ed. 1,0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021 IEC 62616:2010 incl. IEC 62616 corr.1:2012 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.58 Sound reception equipment Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res.MSC.86(70) IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 14859:2012 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09	B+D B+E B+F G	13.09.2019	01.07.2025 (I)

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
		<ul style="list-style-type: none"> - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1,0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 ISO 14859:2012			
UK/4.58 Sound reception equipment Row 2 of 2	<p>Type Approval Requirements</p> SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 14859:2012 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1,0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021	B+D B+E B+F G	01.11.2022	

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
		IEC 62923-1:2018 IEC 62923-2:2018 ISO 14859:2012			
UK/4.59 Integrated navigation system Row 1 of 3	Type Approval Requirements SOLAS 74 Reg V/15 SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.252(83) IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 IEC 61924-2 Ed.1.0:2012-12 IEC 62923-1:2018 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 61924-2 Ed.1.0:2012-12 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F G	13.09.2019	12.08.2023 (I)
UK/4.59	Type Approval Requirements		B+D	12.08.2020	01.01.2024

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
Integrated navigation system Row 2 of 3	SOLAS 74 Reg V/15 SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.252(83) IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN 62288:2014 IEC 61924-2:2013 incl. IEC 61924-2 corr.1:2013 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 2.0:2014-07 IEC 61924-2:2012 incl. IEC 61924-2 corr.1:2013 IEC 62923-1:2018 IEC 62923-2:2018	B+E B+F G		(I)
UK/4.59	Type Approval Requirements SOLAS 74 Reg V/15 SOLAS 74 Reg V/18	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:	B+D B+E B+F	01.07.2022	

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
Integrated navigation system Row 3 of 3	SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.252(83) IMO Res MSC.302(87)	<ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 61924-2:2021 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021 EN IEC 61924-2:2021 IEC 62923-1:2018 IEC 62923-2:2018	G		
UK/4.60 Radar equipment approved with a chart option namely: CAT 3C Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 Carriage & Performance requirements IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.192(79)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 	B+D B+E B+F G	12.08.2020	01.01.2024 (I)

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
	IMO Res MSC.302(87) ITU-R M.1177-4(04/11)	EN IEC 62288:2014 EN IEC 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 IEC 62923-1:2018 IEC 62923-2:2018			
<p>UK/4.60</p> <p>Radar equipment approved with a chart option namely: CAT 3C</p> <p>Note: New certification shall be carried out according to UK/4.64 CAT3</p> <p>Row 2 of 2</p>	<p>Type Approval Requirements</p> <p>For new certificates refer to item UK/4.64</p> <p>Carriage & Performance requirements</p> <p>For new certificates refer to item UK/4.64</p>	For new certificates refer to item UK/4.64	For new certificates refer to item UK/4.64	25.08.2021	

UK/4.61, Radar equipment for high-speed craft applications CAT 3H - Item removed by MSN 1874 amendment 6

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
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UK/4.62, Radar equipment for high-speed craft applications approved with a chart option, namely CAT 3HC - Item removed by MSN 1874 amendment 6

<p>UK/4.63 GNSS 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>Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87)</p> <p>And for: <u>GPS equipment:</u> IMO Res MSC.112(73) <u>GLONASS equipment:</u> IMO Res MSC.113(73) <u>DGPS equipment:</u> IMO Res MSC.112(73) IMO Res MSC.114(73) <u>DGLONASS equipment:</u> IMO Res MSC.113(73) IMO Res MSC.114(73) <u>Galileo equipment:</u></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 IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>And for: <u>GPS equipment:</u> EN 61108-1:2003 <u>GLONASS equipment:</u> EN 61108-2:1998 <u>DGPS equipment:</u> EN 61108-1:2003 EN 61108-4:2004 <u>DGLONASS equipment:</u> EN 61108-2:1998 EN 61108-4:2004 <u>Galileo equipment:</u> EN 61108-3:2010 <u>Beidou:</u></p>	<p>B+D B+E B+F G</p>	<p>25.08.2021</p>	<p>01.07.2025 (I)</p>
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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
	IMO Res MSC.233(82) <u>Beidou:</u> IMO Res MSC.379(93)	EN IEC 61108-5:2020 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 62923-1:2018 IEC 62923-2:2018 And for: <u>GPS equipment:</u> IEC 61108-1 Ed.2.0:2003 <u>GLONASS equipment:</u> IEC 61108-2 Ed.1.0:1998 <u>DGPS equipment:</u> IEC 61108-1 Ed.2.0:2003 IEC 61108-4:2004 <u>DGLONASS equipment:</u> EN 61108-2Ed.1.0:1998 EN 61108-4:2004 <u>Galileo equipment:</u> EN 61108-3:2010			

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
		<u>Beidou:</u> IEC 61108-5:2020			
UK/4.63 GNSS equipment incorporating one or more of the following elements: GPS equipment – moved from ex UK/4.14 GLONASS equipment – moved from ex UK/4.15 DGPS equipment – moved from ex UK/4.50 DGLONASS equipment – moved from ex UK/4.51 Galileo equipment – moved from ex UK/4.56 Beidou (BDS) Indian Regional Navigational Satellite System (IRNSS) Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) And for: <u>GPS equipment:</u> IMO Res MSC.112(73) <u>GLONASS equipment:</u> IMO Res MSC.113(73) <u>DGPS equipment:</u> IMO Res MSC.112(73) IMO Res MSC.114(73) <u>DGLONASS equipment:</u> IMO Res MSC.113(73) IMO Res MSC.114(73) <u>Galileo equipment:</u> IMO Res MSC.233(82)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 And for: <u>GPS equipment:</u> EN 61108-1:2003 <u>GLONASS equipment:</u> EN 61108-2:1998 <u>DGPS equipment:</u> EN 61108-1:2003 EN 61108-4:2004 <u>DGLONASS equipment:</u> EN 61108-2:1998 EN 61108-4:2004 <u>Galileo equipment:</u> EN 61108-3:2010 <u>Beidou:</u>	B+D B+E B+F G	01.11.2022	

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
	<u>Beidou:</u> IMO Res MSC.379(93) <u>IRNSS:</u> IMO Res.MSC.449(99)	EN IEC 61108-5:2020 <u>IRNSS Equipment</u> EN IEC 61108-6:2023 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1,0:2010-11 and A2 Ed. 1,0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 And for: <u>GPS equipment:</u> IEC 61108-1 Ed.2.0:2003 <u>GLONASS equipment:</u> IEC 61108-2 Ed.1.0:1998 <u>DGPS equipment:</u> IEC 61108-1 Ed.2.0:2003 IEC 61108-4:2004 <u>DGLONASS equipment:</u> EN 61108-2Ed.1.0:1998			

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
		EN 61108-4:2004 <u>Galileo equipment:</u> EN 61108-3:2010 <u>Beidou:</u> IEC 61108-5:2020 <u>IRNSS equipment</u> EN IEC 61108-6:2023			
UK/4.64 Radar equipment CAT1 – moved from ex UK/4.34 CAT2 – moved from ex UK/4.35 CAT3 – moved from ex UK/4.36 CAT1H – moved from ex UK/4.37 CAT 2H – moved from ex UK/4.37 Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.192(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349 ITU-R M.1177-4(04/11)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2014 EN 62388:2013 incl. IEC 62388 corr.1:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:199809 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed.	B+D B+E B+F G	25.08.2021	01.01.2024 (I)

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
		1.0:2010-11 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 incl. IEC 62388 corr.1:2014 IEC 62923-1:2018 IEC 62923-2:2018			
UK/4.64 Radar equipment CAT1 – moved from ex UK/4.34 CAT2 – moved from ex UK/4.35 CAT3 – moved from ex UK/4.36 CAT1H – moved from ex UK/4.37 CAT 2H – moved from ex UK/4.37 Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements SOLAS 74 Reg V/19 IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.192(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349 ITU-R M.1177-4(04/11)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN 62388:2013 incl. IEC 62388 corr.1:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021	B+D B+E B+F G	01.11.2022 (I)	

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
		IEC 62388 Ed.2.0:2013-06 incl. IEC 62388 corr.1:2014 IEC 62923-1:2018 IEC 62923-2:2018			
<p>UK/4.65</p> <p>Gyro compass</p> <p>moved from ex UK/4.3</p> <p>moved from ex UK/4.31</p> <p>Row 1 of 2</p>	<p>Type Approval Requirements</p> <p>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>Carriage & Performance requirements</p> <p>For gyro compass:</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>For gyro compass for HSC:</p> <p>IMO Res A.694(17) IMO Res A.821(19) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 <p>EN IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>And additionally for gyro compass</p> <p>ISO 8728:2014</p> <p>And additionally for gyro compass for HSC:</p> <p>ISO 16328:2014</p> <p>Or:</p> <p>IEC 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> - 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 	<p>B+D B+E B+F G</p>	<p>25.08.2021</p>	<p>01.07.2025 (l)</p>

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
		<ul style="list-style-type: none"> - IEC 61162-450:2018 IEC 62288 Ed.2.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 And additionally for gyro compass ISO 8728:2014 And additionally for gyro compass for HSC: ISO 16328:2014			
UK/4.65 Gyro compass moved from ex UK/4.3 moved from ex UK/4.31 Row 2 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements For gyro compass: SOLAS 74 Reg V/19 IMO Res A.424(XI) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.302(87) For gyro compass for HSC: IMO Res A.694(17) IMO Res A.821(19) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 And additionally for gyro compass ISO 8728:2014 And additionally for gyro compass for HSC: ISO 16328:2014 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 	B+D B+E B+F G	01.11.2022 (I)	

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
		<ul style="list-style-type: none"> - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 And additionally for gyro compass: ISO 8728:2014 And additionally for gyro compass for HSC: ISO 16328:2014			
UK/4.66 Electronic record book (ERB) as defined by SOLAS V/28 Row 1 of 2	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87).	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 21745:2019 Or:	B		20.03.2024

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
		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 IEC 62923-1:2018 IEC 62923-2:2018 ISO 21745:2019			
UK/4.66 Electronic record book (ERB) as defined by SOLAS V/28 Row 2 of 2 (NEW ROW)	Type Approval Requirements SOLAS 74 Reg V/18 SOLAS 74 Reg V/28 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code) 13 IMO Res MSC.97(73)-(2000 HSC Code) 13 Carriage & Performance requirements IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 13, IMO Res MSC.97(73)-(2000 HSC Code) 13, IMO Res MSC.191(79) IMO Res MSC.302(87) IMO Res. A.916(22) IMO Res.MSC.333(90)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ISO 21745:2019 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	B+D B+E	21.03.2024	

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
		<ul style="list-style-type: none"> - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 ISO 21745:2019			

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.

UK/5.1 VHF Radio capable of transmitting and receiving DSC and radiotelephony Row 1 of 6	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.385(X) IMO Res A.524(13) IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14	IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2011 + A1:2016 ETSI EN 300 338-1 V1.4.1:2017-02 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 843-2 V2.1.1:2016-03 ETSI EN 301 925 V1.5.1:2017-10	B+D B+E B+F	19.06.2018	29.08.2021 (III)
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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
	IMO MSC/Circ.862 IMO MSC .1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-14 (09/15) ITU-R M.541-10 (10/15)				
UK/5.1 VHF Radio capable of transmitting and receiving DSC and radiotelephony Row 2 of 6	<p>Type Approval Requirements</p> 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 <p>Carriage & Performance requirements</p> SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.385(X) IMO Res A.524(13) IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO MSC/Circ.862 IMO MSC .1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-14 (09/15) ITU-R M.541-10 (10/15)	IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 338-1 V1.4.1:2017-02 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 843-2 V2.2.1:2017-11 ETSI EN 301 925 V1.5.1:2017-10 IEC 62923-1:2018 IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-7:1996 with A1:2018 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed.	B+D B+E B+F	13.09.2019	12.08.2023 (III)

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
		1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.1 VHF Radio capable of transmitting and receiving DSC and radiotelephony Row 3 of 6	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.385(X) IMO Res A.524(13) IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res.MSC.302(87) IMO MSC/Circ.862 IMO MSC .1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-15 (01/19) ITU-R M.541-10 (10/15)	IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 843-2 V2.2.1:2017-11 ETSI EN 301 925 V1.5.1:2017-10 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-7:1996 with A1:2018 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07	B+D B+E B+F	15.08.2020	25.08.2024 (III)

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
		<ul style="list-style-type: none"> - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018 			
<p>UK/5.1</p> <p>VHF Radio capable of transmitting and receiving DSC and radiotelephony</p> <p>Row 4 of 6</p>	<p>Type Approval Requirements</p> <p>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</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.385(X) IMO Res A.524(13) IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO MSC/Circ.862 IMO MSC .1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-14 (01/19) ITU-R M.541-10 (10/15)</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 <p>ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 301 843-2 V2.2.1:2017-11 ETSI EN 301 925 V1.5.1:2020-10 IEC 62923-1:2018 IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-7:1996 with A1:2018 IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 62923-1:2018</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>25.08.2021</p>	<p>01.01.2024</p> <p>(III)</p>

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
<p>UK/5.1</p> <p>VHF Radio capable of transmitting and receiving DSC and radiotelephony</p> <p>Row 5 of 6</p>	<p>Type Approval Requirements</p> <p>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</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.385(X) IMO Res A.524(13) IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO MSC/Circ.862 IMO MSC .1/Circ.1460 Rev.2 IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-15 (09/19) ITU-R M.541-10 (10/15)</p>	<p>IEC 62923-2:2018</p> <p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 301 843-2 V2.2.1:2017-11 ETSI EN 301 925 V1.6.1:2020-10 IEC 62923-1:2018 IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-7:1996 with A1:2018 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018</p>	<p>B+D B+E B+F</p>	<p>01.07.2022</p>	<p>31.12.2027 (l)</p>

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
UK/5.1 VHF radio capable of transmitting and receiving DSC and radiotelephony Row 6 of 6 (NEW ROW)	<p>Type approval requirements</p> 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)	IEC 60945:2002 inc. IEC 60945 Corr.1:2008, EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008+A1:2020+ A2:2014 - EN IEC 61162-450:2018, ETSI EN 300 338-1 V1.5.1:2019-09, ETSI EN 300 338-2 V1.5.1:2020-06, ETSI EN 301 843-2 V2.2.1:2017-11, ETSI EN 301 925 V1.6.1:2020-10, EN IEC 62923-1:2018, EN IEC 62923-2:2018. Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, IEC 61097-3:2017, IEC 61097-7:1996 with A1:2018 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018.	B+D B+E B+F	21.03.2024	

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
		EN IEC 62288(2022) IEC 62288 Ed.3 (2021) ETSI EN 300-338-7 V1.1.1:2022-04 (Please note that until IMO finalise their discussions regarding DSC within the BAM concept the UK does not require ETSI EN 300-338-7 V1.1.1:2022-04)			
UK/5.2 VHF DSC watch-keeping receiver Row 1 of 5	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res MSC.36(63)(1994 HSC Code 14) IMO Res MSC.97(73)(2000 HSC Code 14) Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)(1994 HSC Code 14) IMO Res MSC.97(73)(2000 HSC Code) 14 IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-14 (09/15) ITU-R M.541-10 (10/15)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2011 + A1:2016 ETSI EN 300 338-1 V1.4.1:2017-02 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 033 V1.4.1:2013-09 ETSI EN 301 843 V2.1.1:2016-03	B+D B+E B+F	19.06.2018	29.08.2021 (III)
UK/5.2 VHF DSC watch-keeping receiver	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	B+D B+E B+F	13.09.2019	12.08.2023 (III)

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
Row 2 of 5	<p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)(1994 HSC Code 14) IMO Res MSC.97(73)(2000 HSC Code) 14 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-1 (09/15) ITU-R M.541-10 (10/15)</p>	<ul style="list-style-type: none"> - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 <p>ETSI EN 300 338-1 V1.4.2:2017-11 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 033 V1.4.1:2013-09 ETSI EN 301 843 V2.1.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018</p> <p>Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018</p>			
<p>UK/5.2</p> <p>VHF DSC watch-keeping receiver</p> <p>Row 3 of 5</p>	<p>Type Approval Requirements</p> <p>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</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 338-1 V1.5.1:2019-09</p>	<p>B+D B+E B+F</p>	<p>12.08.2020</p>	<p>25.08.2024 (III)</p>

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
	IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)(1994 HSC Code 14) IMO Res MSC.97(73)(2000 HSC Code) 14 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-15 (09/19) ITU-R M.541-10 (10/15)	ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 033 V1.4.1:2013-09 ETSI EN 301 843-2 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.2 VHF DSC watch-keeping receiver Row 4 of 5	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.803(19) IMO Res MSC.36(63)-(1994 HSC Code 14) IMO Res MSC.97(73)(2000 HSC Code 14k)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 301 033 V1.4.1:2013-09 ETSI EN 301 843-2 V2.2.1:2017-11 IEC 62923-1:2018	B+D B+E B+F	25.08.2021	10.10.2026 (l)

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
	IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.489-2 (10/95) ITU-R M.493-15 (01/19) ITU-R M.541-10 (10/15)	IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 <ul style="list-style-type: none"> - IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.2 VHF DSC watch-keeping receiver Row 5 of 5 (NEW ROW)	<p>Type approval requirements</p> 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: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008+A1:2010+A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 338-1 V1.6.1:2021-05 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 338-7 V1.1.1:2022-04 ETSI EN 301 033 V1.4.1:2013-09 ETSI EN 301 843-2 V2.2.1:2017-11 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 Corr.1:2008	B+D B+E B+F		
<p>Carriage and performance requirements</p> SOLAS 74 Reg. IV/7 SOLAS 74 Reg. X/3 IMO Res. A.694(17) IMO Res. A.803(19) IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res. MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.489-2(10/95) ITU-R M.493-15 (01/19)					

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
	ITU-R M.541-10(10-15)	IEC 61097-3:2017 IEC 61097-8:1998 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0-11 and A2 Ed.1.0:2014-07 IEC 62923-1:2018 IEC 62923-2:2018 EN IEC 62288(2022) IEC 62288 Ed.3 (2021) ETSI EN 300-338-7 V1.1.1:2022-04 (Please note that until IMO finalise their discussions regarding DSC within the BAM concept the UK does not require ETSI EN 300-338-7 V1.1.1:2022-04)			
UK/5.3 NAVTEX receiver Row 1 of 4	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.148(77) IMO COMSAR/Circ.32 ITU-R M.540-2 (06/90)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2011 + A1:2016 ETSI EN 300 065-1 V1.2.1:2009-01 ETSI EN 301 843-2 V2.1.1:2016-03 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series:	B+D B+E B+F	19.06.2018	29.08.2021 (III)

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
	ITU-R M.625-4 (03/12)	<ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450 Ed. 1.0:2011-06 with A1:2016 IEC 61097-6:2005			
UK/5.3 NAVTEX receiver Row 2 of 4	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.148(77) IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.540-2 (06/90) ITU-R M.625-4 (03/12)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 065-1 V1.2.1:2009-01 ETSI EN 301 843-4 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 	B+D B+E B+F	13.09.2019	12.08.2023 (III)

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
		IEC 61097-6:2005 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.3 NAVTEX receiver Row 3 of 4	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.148(77) IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.540-2 (06/90) ITU-R M.625-4 (03/12)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 065-1 V1.2.1:2009-01 ETSI EN 301 843-4 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 61097-6:2012-01 + A1:2011 + A2:2019 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F	12.08.2020	30.06.2025 (I)

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
UK/5.3 NAVTEX receiver Row 4 of 4 (NEW ROW)	<p>Type approval requirements</p> 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 EN 300 065-1 V1.2.1:2009-01 ETSI EN 301 843-4 V2.2.1:2017-11 EN IEC 62228:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 Corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61097-6:2012-01+A1:2011+A2:2019 IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F	21.03.2024	
UK/5.4 EGC receiver	<p>Type Approval Requirements</p> SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:	B+D B+E B+F	19.06.2018	29.08.2021 (III)

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
Row 1 of 4	IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.570(14) IMO Res A.694(17) IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.306(87) IMO COMSAR/Circ.32	<ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2011 + A1:2016 ETSI EN 300 460 Ed.1:1996-05 ETSI EN 300 460/A1:1997-11 ETSI EN 301 843-1 V2.1.1:2016-03 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-4:2012 IEC 61162 series: <ul style="list-style-type: none"> - 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 			
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 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI ETS 300 460 Ed.1:1996-05	B+D B+E B+F	13.09.2019	12.08.2023 (III)

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
	IMO Res A.570(14) IMO Res A.694(17) IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO Res MSC.306(87) IMO COMSAR/Circ.32	ETSI ETS 300 460/A1:1997-11 ETSI EN 301 843-1 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-4:2012 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.4 EGC receiver Row 3 of 4	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 SOLAS 74 Reg X/3 IMO Res A.570(14) IMO Res A.694(17) IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 + A1:2010 + A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 460 Ed.1:1996-05 ETSI EN 300 460/A1:1997-11 ETSI EN 301 843-1 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018	B+D B+E B+F	12.08.2020	30.06.2025 (I)

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
	IMO Res MSC.306(87) IMO COMSAR/Circ.32	Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-4:2012 +A1:2016 +A2:2019 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.4 EGC receiver Row 4 of 4 (NEW ROW)	Type approval requirements SOLAS 74 Reg. IV/14 SOLAS 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 61162-2:2998 - EN 61162-3:2008+A1:2010+A2:2014	B+D B+E B+F	21.03.2024	

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
	<p>Carriage and performance requirements</p> <p>SOLAS 74 Reg. IV/7 SOLAS 74 Reg. X/3 IMO Res.A.570(14) IMO Res.A.694(17) IMO Res.MSC.36(63)-(1994 HSC Code 14) IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res. 191(79) IMO Res.302(87) IMO Res.MSC.306(87) IMO COMSAR/Circ.32</p>	<p>- EN IEC 61162-450:2018 ETSI ETS 300 460 Ed.1:1996-05 ETSI ETS 300 460/A1:1997-11 ETSI EN 301 843-1 V2.2.1:2017-11 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 Corr.1:2008 IEC 61097-4:2012+A1:2016+A2:2019 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed.1.0:2010-11 and A2:Ed.1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018</p>			
<p>UK/5.5</p> <p>HF marine safety information (MSI) equipment (HF NBDP receiver)</p> <p>Row 1 of 3</p>	<p>Type Approval Requirements</p> <p>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</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/7</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</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	<p>29.08.2021 (III)</p>

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
	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 MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.492-6(10/95) ITU-R M.540-2(06/90) ITU-R M.625-4(03/12) ITU-R M.688(06/90)	<ul style="list-style-type: none"> - EN IEC 61162-450:2011 +A1:2016 ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450 Ed.1.0:2011-06 with A1:2016 ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10			
UK/5.5 HF marine safety information (MSI) equipment (HF NBDP receiver) Row 2 of 3	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res. MSC.36(63)-(1994 HSC Code) 14, IMO Res. MSC.97(73)-(2000 HSC Code) 14 Carriage & 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)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 ETSI EN 300 067 Ed.1:1990-11 ETSI EN 300 067/A1 Ed.1:1993-10 Or:	B+D B+E B+F	13.09.2019	30.06.2025 (I)

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
	IMO Res A.806(19) IMO Res. MSC.36(63)-(1994 HSC Code) 14, IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.492-6(10/95) ITU-R M.540-2(06/90) ITU-R M.625-4(03/12) ITU-R M.688(06/90)	IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.5 HF marine safety (MSI) equipment (HF NBDP receiver) Row 3 of 3 (NEW ROW)	Type approval requirements SOLAS 74 Reg. IV/14 SOLAS Reg. X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 Carriage and performance requirements SOLAS 74 Reg. IV/7 SOLAS 74 Reg. X/3 IMO Res.A.694(17) IMO Res. A.699(17) IMO Res. A.700(17) IMO Res.A.806(19) IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14	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 0676 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 Corr.1:2008 IEC 61162 series: - IEC 61162-1:2016	B+D B+E B+F	21.03.2024	

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
	IMO Res.MSC.191(79) IMO Res.MSC.302(87) IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.492-6(10/95) ITU-R M.540-2(06/90) ITU-R M.625-4(03/12) ITU-R M.655(06/90)	<ul style="list-style-type: none"> - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed.1.0:2014-07 - IEC 61162-450:2018 ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.6 406MHz EPIRB (COSPAS-SARSAT) Row 1 of 1	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/7 IMO Res A.662(16) IMO Res A.694(17) IMO Res A.471(101) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO MSC/Circ.862 IMO COMSAR/Circ.32 ITU-R M.633-4(12/10) ITU-R M.690-3(03/15)	IMO MSC/Circ.862 Note: IMO MSC/Circ.862 is applicable only to the optional remote activation device, not to the EPIRB itself IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-2 Ed.4.0:2021	B+D B+E B+F	01.07.2022	

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

Item UK/5.8, MF DSC Receiver, - deliberately left blank

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

<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 1 of 4</p>	<p>Type Approval Requirements</p> <p>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</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2011 + A1:2016 ETSI EN 300 338-1 V1.4.1:2017-02 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.1.1:2016-03</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	<p>29.08.2021 (III)</p>
<p>UK/5.10</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:</p>	<p>B+D B+E B+F</p>	<p>13.09.2019</p>	<p>12.08.2023 (III)</p>

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
<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>IMO Res.MSC.97(73)-(2000 HSC Code) 14</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)</p>	<ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 <li style="padding-left: 20px;">+A1:2010 +A2:2014 - EN 61162-450:2018 <p>ETSI EN 300 338-1 V1.4.2:2017-11</p> <p>ETSI EN 300 338-2 V1.4.1:2017-02</p> <p>ETSI EN 300 373-1 V1.4.1:2013-09</p> <p>ETSI EN 301 843-5 V2.2.1:2017-11</p> <p>IEC 62923-1:2018</p> <p>IEC 62923-2:2018</p> <p>Or:</p> <p>IEC 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>IEC 61097-3:2017</p> <p>IEC 61097-9:1997</p> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 62923-1:2018</p> <p>IEC 62923-2:2018</p>			
<p>UK/5.10</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008</p>	<p>B+D B+E B+F</p>	<p>12.08.2020</p>	<p>25.08.2024 (III)</p>

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
<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>IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.493-14(09/19) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)</p>	<p>EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 <p>ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018</p> <p>Or:</p> <p>IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997</p> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 62923-1:2018 IEC 62923-2:2018</p>			
UK/5.10	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	<p>30.06.2025 (I)</p>

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
<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>IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)</p>	<p>EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 <p>ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018</p> <p>Or:</p> <p>IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997</p> <p>IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 62923-1:2018 IEC 62923-2:2018</p>			

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
<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 testing standards</p> <p>Row 5 of 5 (NEW ROW)</p>	<p>Type approval requirements</p> <p>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</p> <hr/> <p>Carriage and performance requirements</p> <p>SOLAS 74 Reg. IV/9 SOLAS 74 Reg. IV/10 IMO Res. A.694(17) IMO Res. A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO MSC.191(79) IMO Res.MSC.302(87) IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.493-15 (01/19) ITU-R M.541-10 (10-15) ITU-R M.1173-1 (03/12)</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 Corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008+A1:2010+A2:2014 - EN IEC 61162-450:2018</p> <p>ETSI EN 300 338-1 V1.6.1:2021-05 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 338-7 V1.1.1:2022-04 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-011 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>Or: IEC 6045:2002 incl.60945 Corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed.</p>	<p>B+D B+E B+F</p>	<p>21.03.2024</p>	

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
		1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.11 MF DSC watch keeping receiver Row 1 of 5	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO COMSAR/Circ.32 ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2011 +A1:2016 ETSI EN 300 338-1 V1.4.1:2017-02 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2016-03	B+D B+E B+F	19.06.2018	29.08.2021 (III)
UK/5.11 MF DSC watch keeping receiver	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	B+D B+E B+F	13.09.2019	12.08.2023 (III)

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
Row 2 of 5	Carriage & Performance requirements SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 1 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	<ul style="list-style-type: none"> - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 ETSI EN 300 338-1 V1.4.2:2017-11 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 300 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.11 MF DSC watch keeping receiver	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: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 	B+D B+E B+F	12.08.2020	25.08.2024 (III)

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
Row 3 of 5	Carriage & Performance requirements SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 1 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	<ul style="list-style-type: none"> - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 300 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61162 series: <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.11 MF DSC watch keeping receiver	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: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 	B+D B+E B+F	25.08.2021	30.06.2025 (I)

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
Row 4 of 5	<p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/9 SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.804(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)</p>	<ul style="list-style-type: none"> - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 <p>ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 62923-1:2018 IEC 62923-2:2018</p>			

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
UK/5.11 MF DSC watch-keeping receiver Row 5 of 5 (NEW ROW)	<p>Type approval requirements</p> 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 EN 300 338-1 V1.6.1:2021-05 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 338-7 V1.1.1:2022-04 ETSI EN 301 033 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 EN IEC 62288:2022 EN IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 Corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07	E3		

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
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		<ul style="list-style-type: none"> - IEC 61162-450:2018 IEC 62288 Ed. 3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018 			
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Item UK/5.12 Inmarsat B-SES this item has been deleted as Inmarsat B-SES service has been discontinued as of 31 December 2016

<p>UK/5.13 Approved SES Row 1 of 3</p>	<p>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</p> <p>Carriage & Performance requirements SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.570(14) IMO Res A.664(16)</p> <p>Note: for Res A.664(16) applicable only if the approved SES supports EGC functions</p> <p>IMO Res A.694(17) IMO Res A.807(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2011 +A1:2016 ETSI EN 300 460 Ed.1:1996-05 ETSI EN 300 460/A1:1997-11 ETSI EN 301 843-1 V2.1.1:2016-03 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-4:2012 IEC 61162 series:</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	<p>29.08.2021 (III)</p>
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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
	IMO Res MSC.306(87) IMO MSC/Circ.862 IMO COMSAR/Circ.32	<ul style="list-style-type: none"> - 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 61162-450:2011-06 with A1:2016 			
UK/5.13 Approved SES Row 2 of 3	<p>Type Approval Requirements</p> <p>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</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.570(14) IMO Res A.664(16)</p> <p>Note: for Res A.664(16) applicable only if the approved SES supports EGC functions.</p> <p>IMO Res A.694(17) IMO Res A.807(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO Res MSC.306(87) IMO MSC/Circ.862 IMO COMSAR/Circ.32</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 <p>EN 61162-3:2008 +A1:2010 +A2:2014 EN 61162-450:2018 ETSI EN 300 460 Ed.1:1996-05 ETSI EN 300 460/A1:1997-11 ETSI EN 301 843-1 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-4:2012 IEC 61162 series:</p> <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 	<p>B+D B+E B+F</p>		<p>12.08.2023 (III)</p>

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
		1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.13 Approved SES Row 3 of 3	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.570(14) IMO Res A.664(16) Note: for Res A.664(16) applicable only if the approved SES supports EGC functions IMO Res A.694(17) IMO Res A.807(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO Res MSC.306(87) IMO MSC/Circ.862 IMO COMSAR/Circ.32	IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 ETSI ETS 300 460 Ed.1:1996-05 ETSI ETS 300 460/A1:1997-11 ETSI EN 301 843-1 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-4:2012 +A1:2016 +A2:2019 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018	B+D B+E B+F	12.08.2020	

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
		IEC 62923-1:2018 IEC 62923-2:2018			
<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 A3E are no longer applicable in the testing standards</p> <p>Row 1 of 6</p>	<p>Type Approval Requirements</p> <p>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</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO MSC/Circ.862 IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.476-5(10/95) ITU-R M.492-6(10/95) ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.625-4(03/12) ITU-R M.1173-1(03/12)</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2011 +A1:2016 ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 ETSI EN 300 338-1 V1.4.1:2017-02 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 300 843-5 V2.1.1:2016-03</p>	<p>B+D B+E B+F</p>	<p>19.06.2018</p>	<p>29.08.2021 (III)</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</p>	<p>Type Approval Requirements</p> <p>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</p> <p>Carriage & Performance requirements</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014</p>	<p>B+D B+E B+F</p>	<p>13.09.2019</p>	<p>12.08.2023 (III)</p>

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
<p>requirements for two tone alarm generator and transmission on A3E are no longer applicable in the testing standards</p> <p>Row 2 of 6</p>	<p>SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC/Circ.862 IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.476-5(10/95) ITU-R M.492-6(10/95) ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.625-4(03/12) ITU-R M.1173-1(03/12)</p>	<p>- EN 61162-450:2018 ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 ETSI EN 300 338-1 V1.4.2:2017-11 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2:1998 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018</p>			
<p>UK/5.14</p> <p>MF/HF radio capable of transmitting and receiving</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series:</p>	<p>B+D B+E B+F</p>	<p>12.08.2020</p>	<p>25.05.2024 (III)</p>

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
<p>DSC, NBDP and radiotelephony</p> <p>Note: In line with IMO and ITU decisions, the requirements for two tone alarm generator and transmission on A3E are no longer applicable in the testing standards</p> <p>Note: Equipment is exempted from two-way Narrow-Band Direct-Printing (NBDP) for distress and safety communications in the High Frequency (HF) band from 1/1/2024</p> <p>Row 3 of 6</p>	<p>IMO Res.MSC.97(73)-(2000 HSC Code) 14</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res. MSC.36(63)-(1994 HSC Code) 14, IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC/Circ.862 IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.476-5(10/95) ITU-R M.492-6(10/95) ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.625-4(03/12) ITU-R M.1173-1(03/12)</p>	<ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 <li style="padding-left: 20px;">+A1:2010 +A2:2014 - EN 61162-450:2018 <p>ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997 IEC 61162 series:</p> <ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2:1998 - 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>IEC 62923-1:2018 IEC 62923-2:2018</p>			

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
<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 A3E are no longer applicable in the testing standards</p> <p>Note: Equipment is exempted from two-way Narrow-Band Direct-Printing (NBDP) for distress and safety communications in the High Frequency (HF) band from 1/1/2024</p> <p>Row 4 of 6</p>	<p>Type Approval Requirements</p> <p>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</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res. MSC.36(63)(1994 HSC Code) 14 IMO Res. MSC.97(73)(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC/Circ.862 IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.476-5(10/95) ITU-R M.492-6(10/95) ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.625-4(03/12) ITU-R M.1173-1(03/12)</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed.</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	<p>15.08.2025 (III)</p>

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
		1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
<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 A3E are no longer applicable in the testing standards</p> <p>Note: Equipment is exempted from two-way Narrow-Band Direct-Printing (NBDP) for distress and safety communications in the High Frequency (HF) band from 1/1/2024</p> <p>Row 5 of 6</p>	<p>Type Approval Requirements</p> <p>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</p> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res. MSC.36(63)(1994 HSC Code) 14 IMO Res. MSC.97(73)(2000 HSC Code) 14 IMO Res MSC.302(87) IMO MSC/Circ.862 IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.476-5(10/95) ITU-R M.492-6(10/95) ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.625-4(03/12) ITU-R M.1173-1(03/12)</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018</p> <p>ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/A1 Ed.1:1993-10 ETSI EN 300 338-1 V1.6.1:2021-05 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018</p> <p>Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997 IEC 61162 series:</p>	<p>B+D B+E B+F</p>	<p>01.07.2022</p>	<p>30.06.2025 (I)</p>

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
		<ul style="list-style-type: none"> - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
<p>UK/5.14</p> <p>MF/HF radio capable of transmitting and receiving DSC, NBDP and radiotelephone</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>Note: Equipment is exempted from two-way Narrow-Band Direct-Printing (NBDP) for distress and safety communications in the High Frequency (HF) band from 1/1/2024</p> <p>Row 6 of 6 (NEW ROW)</p>	<p>Type approval requirements</p> <p>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</p> <hr/> <p>Carriage and performance requirements</p> <p>SOLAS 74 Reg. IV/10 SOLAS 74 Reg. X/3 IMO Res. A.694(17) IMO Res. A.806(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 MSC.191(79) IMO Res. MSC.302(87) IMO MSC/Circ.862 IMO MSC.1/Circ.1460 IMO COMSAR/Circ.32 ITU-R M.476-5(10/95) ITU-R M.492-6(10/95)</p>	<p>IMO MSC/Circ.862 En 60945:2002 INCL. IEC 60945 Corr.1:2008 EN 61162 series:</p> <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008+A1:2010+A2:2014 - EN IEC 61162-450:2018 <p>ETSI ETS 300 067 Ed.1:1990-11 ETSI ETS 300 067/a1 Ed.1:1993-10 ETSI EN 300 338-1 V1.6.1:2021-05 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 338-7 V1.1.1:2022-04 ETSI EN 300 373-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 EN IEC 62288:2022 EN IEC 62923-1:2018</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p>	<p>21.03.2024</p>	

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
	ITU-R M.493-15 (01/19) ITU-R M.541-10 (10/15) ITU-R M.625-4 (03/12) ITU-R M.1173-1 (03/12)	EN IEC 62923-2:2018 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 Corr.1:2008 IEC 61097-3:2017 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.15 MF/HF DSC scanning watch keeping receiver Row 1 of 6	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO COMSAR/Circ.32	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2011 +A1:2016 ETSI EN 300 338-1 V1.4.1:2017-02 ETSI EN 300 338-2 V1.4.1:2017-02	B+D B+E B+F	19.06.2018	29.08.2021 (III)

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
	ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	ETSI EN 301 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.1.1:2016-03 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:1994 IEC 61097-8:1998 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450 Ed.1.0:2011-06 with A1:2016			
UK/5.15 MF/HF DSC scanning watch keeping receiver Row 2 of 6	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87)	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 ETSI EN 300 338-1 V1.4.2:2017-11 ETSI EN 300 338-2 V1.4.1:2017-02 ETSI EN 301 033-1 V1.4.1:2013-09	B+D B+E B+F	13.09.2019	12.08.2023 (III)

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
	IMO COMSAR/Circ.32 ITU-R M.493-14(09/15) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.15 MF/HF DSC scanning watch keeping receiver Row 3 of 6	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19) IMO Res. MSC.36(63)-(1994 HSC Code) 14,	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 ETSI EN 300 338-1 V1.5.1:2019-09 ETSI EN 300 338-2 V1.4.1:2017-02	B+D B+E B+F	12.08.2020	25.08.2024

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
	IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	ETSI EN 301 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.15 MF/HF DSC scanning watch keeping receiver Row 4 of 6	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.806(19)	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018 ETSI EN 300 338-1 V1.5.1:2019-09	B+D B+E B+F	25.08.2020	15.08.2025 (III)

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
	IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 301 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.15 MF/HF DSC scanning watch keeping receiver Row 5 of 6	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg IV/10 SOLAS 74 Reg X/3	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN 61162-450:2018	B+D B+E B+F	01.07.2022	30.06.2025 (I)

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
	IMO Res A.694(17) IMO Res A.806(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.493-15(01/19) ITU-R M.541-10(10/15) ITU-R M.1173-1(03/12)	ETSI EN 300 338-1 V1.6.1:2021-05 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 301 033-1 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 IEC 62923-1:2018 IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-3:2017 IEC 61097-8:1998 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 62923-1:2018 IEC 62923-2:2018			
UK/5.15 MF/HF DSC scanning watch keeping receiver Row 6 of 6 (NEW ROW)	Type approval requirements SOLAS 74 Reg. IV/14 SOLAS 74 Reg. X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14	EN 60945:2002 incl. IEC 60945 Corr. 1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010+A2:2014 - EN IEC 61162-450:2018	B+D B+E B+F	21.03.2024	

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
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	<p>Carriage and performance requirements</p> <p>SOLAS 74 Reg. IV/10 SOLAS 74 Reg. X/3 IMO Res. A.694(17) IMO Res. A.806(19) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res. MSC.191(79) IMO Res. MSC.302(87) IMO COMSAR/Circ.32 ITU-R M.493-15 (01/19) ITU-R M.541-10(10/15) ITU-R M.1173-1 (03/12)</p>	<p>ETSI EN 300 338-1 V1.6.1:2021-05 ETSI EN 300 338-2 V1.5.1:2020-06 ETSI EN 300 338-7 V1.1.1:2022-04 ETSI EN 301 033 V1.4.1:2013-09 ETSI EN 301 843-5 V2.2.1:2017-11 EN IEC 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60945:2002 incl. IEC 60945 Corr. 1:2008 EN 61097-3:2017 IEC 61097-8:1998 IEC 61097-9:1997 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed.1.0:2014-07 - IEC 61162-450:2018 IEC 62288 Ed.3.0:2021 IEC 62923-1:2018 IEC 62923-2:2018</p>			
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UK/5.16	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg IV/14</p>	ETSI EN 301 688 V1.2.1:2016-03	B+D	12.08.2020	
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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
Aeronautical two-way VHF radio telephone apparatus Row 1 of 1	<p>SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14</p> <p>Carriage & Performance requirements SOLAS 74/2009 Reg IV/7 IMO Res A.694(17) IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.80(70) IMO COMSAR/Circ.32 ICAO Convention Annex 10 Radio Regulations</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008</p> <p>Or: ETSI EN 301 688 V1.2.1:2016-03 IEC 60945:2002 incl. IEC 60945 corr.1:2008</p>	B+E B+F		
<p>UK/5.17 Portable survival craft two-way VHF radiotelephone apparatus Row 1 of 2</p>	<p>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</p> <p>Carriage & Performance requirements SOLAS 74 Reg III/6 IMO Res A.694(17) IMO Res A.809(19) IMO Res. MSC.36(63)-(1994 HSC Code) 8 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 8 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.149(77) ITU-R M.489-2(10/95)</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008 ETSI EN 300 225 V1.5.1:2015-12 ETSI EN 301 843-2 V2.2.1:2017-11</p> <p>Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-12:1996 +A1:2017</p>	B+D B+E B+F	13.09.2019	10.10.2026 (II)
UK/5.17	Type Approval Requirements SOLAS 74 Reg IV/14	EN 60945:2002 incl. IEC 60945 corr.1:2008 ETSI EN 300 225 V1.5.1:2015-12	B+D	21.03.2024	

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
Portable survival craft two-way VHF radiotelephone apparatus Row 2 of 2 (NEW ROW)	SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage and performance requirements SOLAS 74 Reg III/6 IMO Res A.694(17) IMO Res A.809(19) IMO Res. MSC.36(63)-(1994 HSC Code) 8 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 8 IMO Res.MSC.97(73)-(2000 HSC Code) 14 IMO Res. MSC.149(77) IMO Res. MSC.515(105) ITU-R M.489-2(10/95)	ETSI EN 301 843-2 V2.2.1:2017-11 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-12:1996 +A1:2017	B+E B+F		
UK/5.18 Fixed survival craft two-way radiotelephone apparatus Row 1 of 1	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res.MSC.97(73)-(2000 HSC Code) 14 Carriage & Performance requirements SOLAS 74 Reg III/6 IMO Res A.694(17) IMO Res A.809(19) IMO Res. MSC.36(63)-(1994 HSC Code) 8 IMO Res.MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 8 IMO Res.MSC.97(73)-(2000 HSC Code) 14 ITU R M.489-2 (10/95)	EN 60945:2002 incl. IEC 60945 corr.1:2008 ETSI EN 301 466 V1.2.1:2015-12 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61097-12:1996 +A1:2017	B+D B+E B+F	19.06.2018	
Item UK/5.19 Deleted as the Inmarsat F77 system has been discontinued as from 1 December 2020					

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
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<p>UK/5.20 Fire-fighter's two-way radiotelephone apparatus Row 1 of 2</p>	<p>Type Approval Requirements SOLAS 74 Reg II-2/2 SOLAS 74 Reg II-2/10</p> <hr/> <p>Carriage & Performance requirements SOLAS 74/2014 Reg II-2/10 IMO Res A.694(17) IMO MSC.1 Circ.1616 ITU-R M.489-2(10/95) ITU-R M.1174-4(10/2019) (new provision)</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008 ETSI EN 301 843-1 V2.2.1:2017-11 ETSI EN 301 843-2 V2.2.1:2017-11 ATEX directive 2014/34/EU or UKEx (a) UHF portable radios ETSI EN 300 720 V2.1.1:2017-01 (b) VHF portable radios ETSI EN 301 178 V2.2.2:2017-04 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 ETSI EN 301 843-1 V2.2.1:2017-11 ETSI EN 301 843-2 V2.2.1:2017-11 ATEX directive 2014/34/EU or UKEx (a) UHF portable radios ETSI EN 300 720 V2.1.1:2017-01 (b) VHF portable radios ETSI EN 301 178 V2.2.2:2017-04</p>	<p>B+D B+E B+F</p>		<p>10.10.2026 (II)</p>
<p>UK/5.20 Fire-fighter's two-way radiotelephone apparatus</p>	<p>Type Approval Requirements SOLAS 74 Reg II-2/2 SOLAS 74 Reg II-2/10</p>	<p>EN 60945:2002 incl. IEC 60945 corr.1:2008 ETSI EN 301 843-1 V2.2.1:2017-11 ETSI EN 301 843-2 V2.2.1:2017-11 EN 60079 series</p>	<p>B+D B+E B+F</p>	<p>21.03.2024</p>	

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
Row 2 of 2 (NEW ROW)	Carriage and performance requirements SOLAS 74/2014 Reg. II-2/10 IMO Res. A694(17) IMO MSC.1 Circ.1616 ITU-R M.489-2 (10-95) ITU-R M.1174-4(10/2019)	(a) UHF portable radios ETSI EN 300 720 V2.1.1:2017-01 (b) VHF portable radios ETSI EN 301 178 V2.2.2:2017-04 Or: IEC 60945:2002 incl. IEC 60945 corr.1:2008 ETSI EN 301 843-1 V2.2.1:2017-11 ETSI EN 301 843-2 V2.2.1:2017-11 EN 60079 series (a) UHF portable radios ETSI EN 300 720 V2.1.1:2017-01 (b) VHF portable radios ETSI EN 301 178 V2.2.2:2017-04			
UK/5.21 Integrated communication system (ICS) Row 1 of 3	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 <hr/> Carriage & Performance requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.811(19) IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.191(793) IMO Res MSC.302(87)	IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 EN 62940:2017 EN 61924-2:2013 incl. IEC 61924-2 corr.1:2013 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018	B+D B+E B+F		01.07.2025 (I)

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
	IMO MSC.1/Circ.1389 IMO COMSAR/Circ.32 For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply	For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply. Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: <ul style="list-style-type: none"> - 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 62940:2016 EN 61924-2:2012 incl. IEC 61924-2 corr.1:2013 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018 For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.			
UK/5.21 Integrated communication system (ICS) Row 2 of 3	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3	IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 	B+D B+E B+F	01.07.2022	30.06.2025 (I)

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
	<p>IMO Res A.694(17) IMO Res A.811(19) IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1389 IMO COMSAR/Circ.32</p> <p>For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.</p>	<p>- EN IEC 61162-450:2018 EN 62940:2017 EN 61924-2:2021 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply. Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018</p> <p>EN 62940:2016 EN 61924-2:2021 EN 62288:2014 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.</p>			
UK/5.21	Type Approval Requirements	IMO MSC/Circ.862	B+D	01.07.2022	

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
Integrated communication system (ICS) Row 3 of 3	SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 IMO Res A.694(17) IMO Res A.811(19) IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1389 IMO COMSAR/Circ.32 For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.	EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN 62940:2017 EN 61924-2:2021 EN 62288:2022 EN IEC 62923-1:2018 EN IEC 62923-2:2018 For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply. Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09 - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 EN 62940:2016 EN 61924-2:2021 EN 62288 Ed.3.0:2021 EN IEC 62923-1:2018 EN IEC 62923-2:2018	B+E B+F		

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
		For GMDSS functions and units included in the ICS, the performance requirements for those functions and units apply.			
<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>Row 1 of 3</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/10 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO Res MSC.434(98) IMO MSC.1/Circ.862 IMO COMSAR/Circ.32</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN IEC 62923-1:2018 EN IEC 62923-2:2018 ETSI EN 301 441 V2.1.1:2016 IEC 61097-16:2019 Or: IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 Corr.1:2008 ETSI EN 301 441 V2.1.1:2016 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed. 1.0:1998-09 - IEC 61162-3 Ed. 1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 61097-16:2019 IEC 62923-1:2018</p>	<p>B+D B+E B+F</p>	<p>12.08.2020</p>	<p>25.08.2024 (III)</p>

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
		IEC 62923-2:2018 And additionally, for Approved SES equipment: ETSI ETS 300 460:1996+A1:1997			
<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>Row 2 of 3</p>	<p>Type Approval Requirements</p> <p>SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3</p> <hr/> <p>Carriage & Performance requirements</p> <p>SOLAS 74 Reg IV/10 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO Res MSC.434(98) IMO MSC.1/Circ.862 IMO COMSAR/Circ.32</p>	<p>IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018</p> <p>EN IEC 62923-1:2018 EN IEC 62923-2:2018 IEC 61097-16:2019</p> <p>And additionally for Inmarsat Fleet Broad Band (FBB) equipment: ETSI EN 301 444 V2.1.2:2016</p> <p>And additionally for Iridium equipment: ETSI EN 301 441 V2.1.1:2016 Or: IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series: - IEC 61162-1:2016 - IEC 61162-2 Ed.1.0:1998-09</p>	<p>B+D B+E B+F</p>	<p>25.08.2021</p>	<p>15.08.2025 (III)</p>

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
		<ul style="list-style-type: none"> - IEC 61162-3 Ed. 1.2 consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 - IEC 61162-450:2018 IEC 61097-16:2019 EN IEC 62923-1:2018 EN IEC 62923-2:2018 And additionally for Inmarsat C equipment: ETSI EN 300 460:1996 +A1:1997 And additionally for Inmarsat Fleet Broad Band (FBB) equipment: ETSI EN 301 444 V2.1.2:2016 And additionally for Iridium equipment ETSI EN 301 441 V2.1.1:2016			
UK/5.22 Ship earth station for use in the GMDSS Inmarsat C equipment: Inmarsat Fleet Broad Band (FBB equipment and Iridium equipment): Row 3 of 3	Type Approval Requirements SOLAS 74 Reg IV/14 SOLAS 74 Reg X/3 Carriage & Performance requirements SOLAS 74 Reg IV/10 IMO Res A.694(17) IMO Res MSC.36(63)-(1994 HSC Code) 14 IMO Res MSC.97(73)-(2000 HSC Code) 14 IMO Res MSC.302(87) IMO Res MSC.434(98) IMO MSC.1/Circ.862	IMO MSC/Circ.862 EN 60945:2002 incl. IEC 60945 corr.1:2008 EN 61162 series: <ul style="list-style-type: none"> - EN 61162-1:2016 - EN 61162-2:1998 - EN 61162-3:2008 +A1:2010 +A2:2014 - EN IEC 61162-450:2018 EN IEC 62923-1:2018 EN IEC 62923-2:2018 IEC 61097-16:2019	B+D B+E B+F	01.07.2022	

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
	IMO COMSAR/Circ.32	<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 301 444 V2.2.1:2021</p> <p>And additionally for Iridium equipment:</p> <p>ETSI EN 301 441 V2.1.1:2016</p> <p>Or:</p> <p>IMO MSC/Circ.862 IEC 60945:2002 incl. IEC 60945 corr.1:2008 IEC 61162 series:</p> <ul style="list-style-type: none"> - 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>IEC 61097-16:2019 EN IEC 62923-1:2018 EN IEC 62923-2:2018</p> <p>And additionally for Inmarsat C equipment:</p> <p>ETSI ETS 300 460:1996 +A1:1997</p>			

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
		And additionally for Inmarsat Fleet Broad Band (FBB) equipment: ETSI EN 301 444 V2.1.2:2021 And additionally for Iridium equipment: ETSI EN 301 441 V2.1.1:2016			

6. Equipment required under COLREG

UK/6.1 Navigation lights Row 1 of 1	Type Approval Requirements COLREG 72 Annex I/14 <hr/> Carriage & Performance requirements COLREG 72 Annex I/14 IMO Res A.694(17) IMO Res MSC.253(83)	EN 14744:2005 incl.AC:2006 EN 60945:2002 incl. IEC 60945 corr.1:2008 Or: EN 14744:2005 incl.AC:2006 EN 60945:2002 incl. IEC 60945 corr.1:2008	B+D B+E B+F G		
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7. Other safety equipment

UK/7.1 Self contained compressed air operated breathing apparatus for entry and work in gas filled space Row 1 of 1	Type Approval Requirements SOLAS 74 Reg II-2/10 IMO Res MSC.98(73) – (FSS Code) 3 <hr/> Carriage & 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	B+D B+E B+F	19.06.2018	
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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
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		shall indicate the UK fireproof lifeline as mandatory combined component			
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8. Equipment under SOLAS Chapter II-1

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 Carriage & 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	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	16.03.2017	13.09.2022 (III)
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 Carriage & Performance requirements SOLAS 74 Reg II-1/25 SOLAS 74 Reg XII/12 IMO Res A.1021(26) IMO Res MSC.188(79) IMO MSC.1/Circ.1572	IEC 60092-504:2016 IEC 60529 Ed.2.2:2013 incl. corr.1:2013 and corr.2:2015 IMO Res MSC.188(79) IMO MSC.1/Circ.1291	B+D B+E B+F	13.09.2019	15.08.2025 (III)
UK/8.1 Water level detectors	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. corr.1:2013 and corr.2:2015 IMO Res MSC.188(79)	B+D B+E B+F	29.03.2023	

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
Row 3 of 3	Carriage & Performance requirements SOLAS 74 Reg II-1/25 SOLAS 74 Reg XII/12 IMO Res A.1021(26) IMO Res MSC.188(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1572 Rev.1	IMO MSC.1/Circ.1291 EN IEC 62923-1:2018 EN IEC 62923-2:2018 Or: IEC 60092-504:2016 IEC 60529 Ed.2.2:2013 incl. corr.1:2013 and corr.2:2015 IMO Res MSC.188(79) IMO MSC.1/Circ.1291 EN IEC 62923-1:2018 EN IEC 62923-2:2018			

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

1. Life-saving appliances

No.	Item Description
UK/9/1.1	Radar reflectors 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 and general emergency alarm system (when used as fire alarm device item A.1/3.53 shall apply) – Moved to UK/1.44a and UK/1.44b by MSN 1874 amendment 7
UK/9/2.3	Equipment using other equivalent methods to reduce on board NOx emissions

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
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UK/9/2.4	Equipment using other technological methods to limit Sox emissions				
UK/9/2.5	On board NOx analyzers using a measurement method other than the direct measurement and monitoring method of the NOx Technical code 2008				

2. Marine pollution prevention equipment

No.	Item Description
UK/9/2.3	Equipment using other equivalent methods to reduce on board NOx emissions
UK/9/2.4	Equipment using other technological methods to limit SOx emissions
UK/9/2.5	On board NOx analyzers using a measurement method other than the Direct Measurement and Monitoring Method of the NOx Technical Code 2008

3. Fire protection equipment

No.	Item Description
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)

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
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UK/9/3.27	Fixed Gas Fire Extinguishing Systems (CO ₂) components.				
UK/9/3.31	Water Spraying Hand Operated System				
UK/9/3.33	Fire hoses with diameter > 52 mm				
UK/9/3.74	Alcohol resistant foam system – Added by MSN 1874 amendment 7				
UK/9/3.75	Flexible hoses suitable for methyl/ethyl alcohol for fuel piping systems – Added by MSN 1874 amendment 7				
UK/9/3.76	Vapour outlets suitable for methyl/ethyl alcohol fuel tanks – Added by MSN 1874 amendment 7				

4. Navigation equipment

No.	Item Description
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

5. Radiocommunication equipment

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

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
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6. Equipment required under COLREG 72

No.	Item Description
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 signaling system mounted to face astern to indicate escort and emergency manoeuvres

7. Other safety equipment

No.	Item Description
UK/9/7.1	Loading instrument
UK/9/7.2	Water level detectors on bulk carriers – item deleted

8. SOLAS Chapter II-1 equipment

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

ANNEX 2

This Annex sets out equipment within the scope of part II of this Notice and would previously have been specified in Merchant Shipping Notice 1735 (M+F). This equipment is that requiring approval by a ship's Flag Administration but which is not within the scope of the UK's conformity assessment for marine equipment. The table below sets out the relevant Regulations of the applicable IMO Convention and performance standards and as applicable testing standards. Such equipment is to be type approved by a Nominated Body. Similar to Annex 1, equipment is grouped into categories (Life-Saving Appliances, Pollution Prevention, Fire Protection, Navigation, Radio communication and equipment required by COLREG).

This Annex also specifies other equipment which requires approval which is approved by a Nominated Body.

Note applicable to this entire Annex: Where no testing standard is stated in column 4 of the relevant table for equipment in question, the testing standard is to be agreed between the relevant Nominated Body and the MCA ahead of the type approval regime being agreed with the applicant for type approval.

1. Life-saving appliances

Column 4: IMO MSC/Circ.980 should apply except when superseded by the specific instruments referred to in column 3

Item designation	Regulation SOLAS 74 as amended where "type approval" is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
Radar reflector for liferafts	Reg. III/4 Reg. III/34 Reg. X/3	IMO Res MSC.48(66) – LSA Code	ISO 8729 standards and SOLAS
Float free launching appliances for survival craft	Reg. III/4 Reg. III/34	Reg. III/13 Reg. III/16 Reg. 111/26 Reg. III/34 IMO Res. MSC 36(63)-(1994 HSC Code) 8 IMO Res. MSC.48(66)-(LSA Code) I, IV, VI IMO Res. MSC.97(73)-(2000 HSC Code) 8	

"Public address & general emergency alarm system (when used as fire alarm device item UK/3.53 in Annex 1 shall apply): **item moved to UK/1.44a and UK/1.44b in Annex 1 of this Notice by MSN 1874 amendment 7.**

2. Marine pollution prevention

Item designation	Regulation MARPOL 73/78 as amended where “type approval” is required	Regulation MARPOL 73/78 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
Equipment using other equivalent methods to reduce NOx emissions	Annex VI Reg 4	Annex VI Reg 4	
Equipment using other technological methods to limit SOx emissions	IMO Res MEPC.176(58) – (Revised MARPOL Annex VI Reg 4) IMO Res MEPC.184(59)	IMO Res MEPC.176(58) – (Revised MARPOL Annex VI Reg 4)	
On board NOx analysers using a measurement method other than the direct measurement and monitoring method of NOx technical code 2008	IMO Res MEPC.176(58) – (Revised MARPOL Annex VI Reg 4)	IMO Res MEPC.176(58) – (Revised MARPOL Annex VI Reg 4)	

3. Fire protection equipment

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
Electric safety lamp	Reg II-2/10 Reg X/3 IMO Res MSC.98(73) FSS Code 3	Reg II-2/10 IMO Res MSC 36(63) 1994 HSC code 7 IMO Res MSC 97(73) 2000 HSC code 7 IMO Res MSC 98(73) FSS Code 7	IEC 60079 series
Protective clothing resistant to chemical attack	Reg II-2/19	Reg II-2/19 IMO Res MSC 36(63) (1994 HSC Code) 7 IMO Res MSC 97(73) (2000 HSC Code) 7	EN 943-1(2002) incl. AC (2005) EN 943-2 (2002) EN ISO 6529 (2001) EN ISO 6530 (2005)

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
			EN 14605 (2005) incl. A1(2009) IMO MSC/Circ.1120
Paint lockers and flammable liquid lockers fire extinguishing system components	Reg II-2/10	Reg II-2/10 IMO MSC.1/Circ.1239	
Portable foam applicator units	Reg II-2/10 Reg II-2/20 Reg X/3	Reg II-2/10 Reg II-2/20 IMO Res MSC 36(63) (1994 HSC Code) 7 IMO Res MSC 97(73) (2000 HSC Code) 7 IMO Res MSC 98(73) - FSS Code) 7 IMO MSC.1/Circ.1239 IMO MSC.1/Circ.1313	
Gaseous fuel systems used for domestic purposes (components)	Reg II-2/4	Reg II-2/4 IMO MSC.1/Circ.1276	
Fixed gas fire extinguishing systems (CO2) components	Reg II-2/10 Reg X/3	Reg II-2/10 Reg II-2/20 IMO Res MSC 36(63) (1994 HSC Code) 7 IMO Res MSC 97(73) (2000 HSC Code) 7 IMO Res MSC 98(73) (FSS Code) 5 IMO MSC.1/Circ.1313 IMO MSC.1/Circ.1318	Electrical automatic control and delay devices: EN 12094-1 (2003) Non-electrical automatic control and delay devices: EN 12094-2 (2003) Manual triggering and stop devices: EN 12094-3 (2003) Container valve assemblies and their actuators: EN 12094-4 (2004)

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
			<p>High and low pressure selector valves and their actuators: EN 12094-5 (2006)</p> <p>Non-electrical disable devices: EN 12094-6 (2006)</p> <p>Nozzles for CO2 systems: EN 12094-7 (2000) incl. A1 (2005)</p> <p>Connectors: EN 12094-8 (2006)</p> <p>Pressure gauges and switches: EN 12094-10 (2003)</p> <p>Mechanical weighing devices: EN 12094-11 (2003)</p> <p>Check valves and non-return valves: EN 12094-13 (2001) incl. AC (2002)</p> <p>Odorizing devices for CO2 low pressure systems: EN 12094-16 (2003)</p>
Water spraying hand operated system	Reg II-2/10 Reg II-2/19	Reg II-2/10 Reg II-2/19	

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
Fire hoses with diameter >52mm	Reg II-2/10 Reg X/3	Reg II-2/10 IMO Res MSC 36(63) (1994 HSC Code) 7 IMO Res MSC 97(73) (2000 HSC Code) 7	BS 6391:2009
Compressed airline breathing apparatus (High-speed craft)	Reg X/3	IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	

4. Navigation equipment

Notes applicable to section 4: Navigation equipment

Columns 3 and 4: References to SOLAS Chapter V are to SOLAS 1974 as amended by MSC 73 and entering into force on 1 July 2002.

Column 5: IEC 61162 series refer to the following reference standards for maritime navigation and radiocommunication equipment and systems – Digital interfaces:

IEC 61162-1 Ed.4.0(2010-11) – Part 1: Single talker and multiple listeners

IEC 61162-2 Ed.1.0 (1998-09) – Part 2: Single talker and multiple listeners, high-speed transmission

IEC 61162-3 Ed.1.1 consol. With am1 (2010-11) – Part 3: Serial data instrument network

IEC 61162-3 Ed.1.0 (2008-05) – Part 3: Serial data instrument network

IEC 61162-3-am1 Ed.1.0 (2010-06) Amendment 1 – Part 3: Serial data instrument network

IEC 61162-450 Ed.1.0 (2011-06) – Part 450: Multiple talkers and multiple listeners – ethernet connection

EN 61162 series refer to the following reference standards for maritime navigation and radiocommunication equipment and systems – Digital interfaces:

EN 61162-1 (2011) – Part 1: Single talker and multiple listeners

EN 61162-2 (1998) – Part 2: Single talker and multiple listeners, high-speed transmission

EN 61162-3 (2008) – Part 3: Serial data instrument network

EN 61162-3 am1 Ed.1.0 (2010) Amendment 1 – Part 3: Serial data instrument network

EN 61162-450 (2011) – Part 450: Multiple talkers and multiple listeners – ethernet connection

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
Combined GPS/GLONASS equipment	Reg V/18 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	Reg V/19 IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) IMO Res MSC.115(73) IMO Res MSC.191(79)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61108-1 (2003) EN 61108-2 (1998) EN 61162 series EN 62288 (2008) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61108-1 (2003) IEC 61108-2 (1998) IEC 61162 series IEC 62288 Ed.1.0 (2008)
Magnetic compass for high-speed craft	Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	IMO Res A.382(X) IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	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)
Track control system (working at ship’s speed from 30 knots and above)	Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) IMO Res MSC.191(79)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61162 series EN 62288 (2008) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
			IEC 61162 series IEC 62288 Ed.1.0 (2008)
Thrust indicator	Reg V/18 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	Reg V/19 IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) IMO Res MSC.191(79)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61162 series EN 62288 (2008) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.1.0 (2008)
Lateral thrust, pitch and mode indicators	Reg V/18 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	Reg V/19 IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) IMO Res MSC.191(79)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61162 series EN 62288 (2008) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.1.0 (2008)
Bridge Equipment and Systems, their Arrangement and Integration (BES)	Reg V/18 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	Reg V/19 IMO Res. A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) IMO Res. MSC.191(79) IMO SN.1/Circ.288	EN 60945 (2002) including IEC 60945 Corr. 1 (2008) EN 611662 series IEC 62288 (2008) Or: IEC 60945 (2002) including IEC 60945 Corr. 1 (2008) IEC 61162 Series IEC 62288 Ed. 1.0 (2008)

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
Equipment with long range identification and tracking (LRIT) capability	Reg V/19-1	Reg V/19-1 IMO Res A.694(17) IMO Res A.813(19) IMO Res MSC.202(81) IMO Res MSC.211(81) IMO Res MSC 263(84) MSC.1/Circ.1307	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61162 series Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series
Electronic inclinometer	Reg V/18-7	IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.333(90) MSC.1/Circ.982 MSC.1/Circ.1228 IMO Report MSC 91-22 Add.2 Annex 28	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61162 series Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series
Loran-C equipment	Reg V/18 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13	Reg V/19 IMO Res A.694(17) IMO Res A.818(19) IMO Res MSC 36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61162 series IEC 62288 Ed.2.0 (2014-07) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)
Chayka equipment	Reg V/18 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13	Reg IV/7 Reg X/3 IMO Res A.662(16) IMO Res A.694(17) IMO Res A.812(19) IMO Res MSC 36(63) – (1994 HSC Code) 14	ETSI ETS 300 372 Ed.1 (1996-05) EN 60945 (2002) IEC 61097-5 (1997) IMO MSC/Circ.862

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
		IMO Res MSC 97(73) – (2000 HSC Code) 14 IMO MSC/Circ.862 IMO COMSAR Circ.32 ITU-R M.632-3 (02/97) ITU-R M.690-1 (10/95)	

5. Radiocommunication equipment

Notes applicable to section 5:

Radiocommunication equipment. Column 5:

IEC 61162 series refer to the following reference standards for maritime navigation and radiocommunication equipment and systems – Digital interfaces:

- IEC 61162-1 Ed.4.0(2010-11) – Part 1: Single talker and multiple listeners
- IEC 61162-2 Ed.1.0 (1998-09) – Part 2: Single talker and multiple listeners, high-speed transmission
- IEC 61162-3 Ed.1.1 consol. With am1 (2010-11) – Part 3: Serial data instrument network
- IEC 61162-3 Ed.1.0 (2008-05) Amendment 1 – Part 3: Serial data instrument network
- IEC 61162-3-am1 ed1.0 (2010-06) Amendment 1 - Part 3: Serial data instrument network
- IEC 61162-450 Ed.1.0 (2011-06) – Part 450: Multiple talkers and multiple listeners – ethernet connection

EN 61162 series refer to the following reference standards for maritime navigation and radiocommunication equipment and systems – Digital interfaces:

- EN 61162-1 (2011) – Part 1: Single talker and multiple listeners
- EN 61162-2 (1998) – Part 2: Single talker and multiple listeners, high-speed transmission
- EN 61162-3 (2008) – Part 3: Serial data instrument network
- EN 61162-3 am1 (2010) Amendment 1 – Part 3: Serial data instrument network
- EN 61162-450 (2011) – Part 450: Multiple talkers and multiple listeners – ethernet connection

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
VHF EPIRB	Reg IV/14 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	Reg IV/8 IMO Res A.662(16) IMO Res A.694(17) IMO Res A.805(19) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) ITU-R M.489-2 (10/95) ITU-R M.693 (06/90)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)
Radio reserve source of energy	REG IV/14 REG X/3 IMO Res MSC 36(63) 1994 HSC code IMO Res MSC 97(73) 2000 HSC code	REG IV/13 IMO Res A.694(17) IMO Res MSC 36(63) 1994 HSC code IMO Res MSC 97(73) 2000 HSC code IMO COMSAR Circ.16 IMO COMSAR Circ.32	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)
Distress panel	Reg IV/14 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code)	Reg IV/6 IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) IMO MSC/Circ.862 IMO COMSAR Circ.32	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)
Distress alarm or alert panel	Reg IV/14 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code)	Reg IV/6 IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) Or:

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
	IMO Res MSC 97(73) – (2000 HSC Code)	IMO Res MSC 97(73) – (2000 HSC Code) IMO MSC/Circ.862 IMO COMSAR Circ.32	IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)
Ship security alert system		Reg XI-2/6 IMO Res A.694(17) IMO Res MSC 147(77) IMO MSC/Circ.1072	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) EN 61162 series Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series
Aeronautical two-way VHF radio telephone apparatus	Reg IV/14 Reg X/3 IMO Res MSC 36(63) – (1994 HSC Code) 14 IMO Res MSC 97(73) – (2000 HSC Code) 14	Reg IV/7 IMO Res A.694(17) IMO Res MSC 36(63) – (1994 HSC Code) 14 IMO Res MSC 97(73) – (2000 HSC Code) 14 IMO Res MSC 80(70) IMO COMSAR Circ.32 ICAO Convention Annex 10 Radio - Regulations	EN 60945 (2002) incl. IEC 60945 corr.1 (2008) ETSI EN 301 688 V1.1.1 (2000-07) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) ETSI EN 301 688 V1.1.1 (2000-07)

6. Equipment required under COLREG 72

Item designation	Regulation COLREG 72 as amended where “type approval” is required	Regulations of COLREG 72 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
Sound signal appliances	COLREG 72 Annex III/3	COLREG 72 Annex III/3 IMO Res A.694(17)	EN 60945 (2002) incl. IEC 60945 corr.1 (2008)

			Whistles – COLREG 72 Annex III/1 (performance) Bells or Gongs – COLREG 72 Annex III/2 (performance) Or: IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) Whistles – COLREG 72 Annex III/1 (performance) Bells or Gongs – COLREG 72 Annex III/2 (performance)
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7. Bulk carrier safety equipment

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
Loading instrument	Reg XII/11 1997 SOLAS Conference Res.5	Reg XII/11 1997 SOLAS Conference Res.5	IMO MSC.1/Circ.1229
Water level detectors on bulk carriers	IMO Res MSC.188(79)	SOLAS 74/2004 Reg XII/12 IMO Res MSC.188(79)	IEC 60092-504 (2001) IEC 60229 (2001) IMO Res MSC.188(79)

8. SOLAS Chapter II-1 equipment

Item designation	Regulation SOLAS 74 as amended where “type approval” is required	Regulations of SOLAS 74 as amended and relevant resolutions and circulars of the IMO as applicable	Testing standards
1	2	3	4
Cold weather starting of generator sets (starting devices)	Reg II-1/44 Reg X/3	Reg II-1/44 IMO Res MSC 36(63) – (1994 HSC Code) 12	

		IMO Res MSC 97(73) – (2000 HSC Code) 12	
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9. Other equipment requiring type approval

Other – life-saving appliances

Item designation
Lifeboat equipment (oars, knives, matches, torches, electrical equipment etc.)
LSA gas inflation system
LSA Miscellaneous equipment (emergency life-line etc.)
Lifeboat manual pumps
Emergency equipment lockers
Sea anchors
Survival craft first aid kits
Survival craft rations and water
Non-SOLAS liferafts, rescue boats and inflatable boats
Float free arrangements for Search and Rescue Transponder (SART)
Equipment requiring approval in accordance with SI 1999 No.2721 – The Merchant Shipping (Life-Saving Appliances for ships other than ships of classes III to VI(A)) Regulations but not specified in Annex 1 of this notice
Equipment requiring approval in accordance with SI 1999 No.2721 – The Merchant Shipping (Life-Saving Appliances for passenger ships of classes III to VI(A)) Regulations but not specified in Annex 1 of this notice

Other – Marine pollution prevention equipment

Item designation
Crude oil washing machines

Other – Fire protection equipment

Item designation
Hydrants (components)
Fire blankets
Equipment requiring approval in accordance with SI 1998 No.1011 – The Merchant Shipping (Fire protection: Small ships) Regulations but not specified in Annex 1 of this notice

Equipment requiring approval in accordance with SI 1998 No.1012 – The Merchant Shipping (Fire protection: Large ships) Regulations but not specified in Annex 1 of this notice
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Equipment requiring approval in accordance with SI 2003 No.2950 – The Merchant Shipping (Fire protection) Regulations but not specified in Annex 1 of this notice

Other – Crew accommodation equipment

Item designation

Vacuum discharge piping systems

Thermostatic mixing valves

Plant used to produce drinking water and/or fresh water

Annex 3

This annex sets out equipment within the scope of part III of this Notice. This is equipment which does not require approval. This is equipment to which an explicit standard is not cited in UK instruments forming a carriage requirement.

The table below sets out minimum standards for acceptance on board the relevant UK ship listed in column 2. Column 1 states the item designation and column 3 states the minimum standard. When a minimum standard is not indicated, MCA will develop minimum standards through a separate MGN to be included in updates to this Notice. A ship carrying equipment which exceeds these minimum standards will be taken as meeting these standards.

Item designation	Applicable ships	Standard
Firefighter's radios	UK Class I – II(A) VII – VIII(A) as required by SOLAS Reg II-2 paragraph 10.4	<p>The two-way portable radiotelephone apparatus shall be of an explosion- proof type or intrinsically safe.</p> <p>In order for such equipment to meet the explosion proof or intrinsically safe requirements, the radio telephone apparatus are to be certified in accordance with relevant standards for equipment and protective systems intended for use in potentially explosive atmospheres, and maintained as such, for example:-</p> <p>Directive 94/9/EC (ATEX) - with approval rating such as II2G Ex ib IIA T3; or</p> <p>IEC 60079-0 2009 - Electrical apparatus for explosive gas atmospheres - Classification of areas; or</p> <p>IEC 60092-502 1999 - Electrical installations in ships - Tankers – Special features.</p> <p>Intrinsically safe radios should have a power output of 1 watt or less.</p>

Item designation	Applicable ships	Standard
		The radio telephone apparatus are to be fit for purpose, i.e. they are able to work within the environment to be expected in a fire scenario, that their operating range is sufficient and that they are safe.
Draught gauge indicators	UK Class I – II(A) as required by SI 1998 No.2514 Regulation 41	
Lifebuoys – lightweight type (horseshoe)	Small commercial vessels ¹	
Means of recovery	Passenger ships certificated to MSN 1823 (Cat A-D)	
ORIL	Ships certificated in accordance with MGN 469	
Radar reflector	Ships certificated in accordance with MGN 469	
Flares	Ships certificated in accordance with MGN 469	
HRUs	Small commercial vessels	
TPAs	Small commercial vessels	
Handheld orange smoke flare	Small commercial vessels	
Line thrower	Small commercial vessels	
VHF	Small commercial vessels	
EPIRB	Small commercial vessels	
SART	Small commercial vessels	
Lifebuoy	Inland small Passenger boat code	
Radar reflector	Fishing 15-24m	
Fire detection	Inland small Passenger boat code	
Fixed fire extinguishing	Inland small Passenger boat code & Fishing <15m	
VHF DSC	Small commercial vessels	
Magnetic compass	Inland small Passenger boat code	
Search light	Large yacht & Small commercial vessels	
GPS	Small commercial vessels	
Vessel's log	Small commercial vessels	
Signaling lamp	Small commercial vessels	

¹ Small commercial vessels are deemed to be any vessel which has been issued certification in accordance with the codes of practice for vessels in commercial use for sport or pleasure, workboats or MGN 280.

Item designation	Applicable ships	Standard
Compass/bearing compass	Small commercial vessels	
Echo sounder	Large yacht & Small commercial vessels	

Annex 4

Carriage requirements

The following instruments are those mentioned in the Regulations which form carriage requirements for Domestic Passenger Ships and Fishing Vessels to carry equipment which meets a standard other than the applicable international standards.

Instruments applicable to domestic passenger ships certificated to operate on category C waters or seaward of that limit:

The following Instruments to be read, as amended.

MSN 1823 (M) - The Safety Code for Passenger Ships Operating Solely in UK Categorised Waters – Which is given Legal Force by The Merchant Shipping (Passenger Ships) (Safety Code for UK Categorised Waters) Regulations 2010, SI 2010 No. 680;

MSN 1823 (M) Edition 2 Amendment 1 – The Safety Code for Passenger Ships Operating Solely in UK Categorised Waters, Edition 2, Amendment 1 - Which is given Legal Force by The Merchant Shipping (Passenger Ships) (Safety Code for UK Categorised Waters) Regulations 2010, SI 2010 No. 680;

The Small Sea Going Passenger Ship Code (A Code for Ships of Class VI);

The Merchant Shipping (Passenger Ships on Domestic Voyages) Regulations 2000, SI 2000 No. 2687;

The Merchant Shipping (Life-Saving Appliances for Ships other than Ships of Classes III to VI(A)) Regulations, SI 1999 No. 2721;

The Merchant Shipping (Life-Saving Appliances for Passenger Ships Of Classes III To VI(A)) Regulations 1999 SI 1999 No. 2723;

The Merchant Shipping (Fire Protection: Small Ships) Regulations 1998 SI1998 No.1011;

The Merchant Shipping (Fire Protection: Large Ships) Regulations SI 1998 No. 1012;

The Merchant Shipping (Fire Protection) Regulations 2003, SI 2003 No. 2950;

The Merchant Shipping (Prevention of Pollution by Sewage from Ship) Regulations SI 2020, No 620;

The Merchant Shipping (Prevention of Pollution by Garbage from Ships) Regulations SI 2020, No 621;

The Merchant Shipping (Prevention of Air Pollution from Ships) Regulations 2008, SI 2008 No. 2924;

The Merchant Shipping (Prevention of Oil Pollution) Regulations 1996, SI 1996 No. 2154;

The Merchant Shipping (Distress Signals and Prevention of Collisions) Regulations SI 1996 No. 0075;

The Merchant Shipping (Safety of Navigation) Regulations 2002 SI 2002 No.1473;

The Merchant Shipping (Radio Installations) Regulations 1998 SI 1998 No.2070.

Instruments applicable to fishing vessels of 24 metres length or over:

The following instruments to be read, as amended.

The “Code of Practice for the Safe Construction and Operation of Fishing Vessels of 24 metres Registered Length and Over”;

The Fishing Vessels (Safety Provisions) Rules 1975 (S.I. 1975/330);

The Fishing Vessels (Life-Saving Appliances) Regulations 1988 (S.I.1988/38);

The Fishing Vessels (EC Directive on Harmonised Safety Regime) Regulations 1999 (S.I. 1999/2998) (which give effect to the Torremolinos Protocol (Cmnd.3339) relating to the Torremolinos International Convention for the safety of Fishing Vessels (Cmnd. 7252);

The Merchant Shipping (Distress Signals and Prevention of Collisions) Regulations SI 1996, No. 75;

The Merchant Shipping (Prevention of Oil Pollution) Regulations 1996 S.I. 1996 No. 2154;

SI 1999, No. 2205 The Merchant Shipping and Fishing Vessels (Personal Protective Equipment) Regulations SI 1999, No. 2205;

The Merchant Shipping (Radio)(Fishing Vessels) Regulations SI 1999 No.3210;

The Merchant Shipping (Safety of Navigation) Regulations SI 2002 No.1473;

The Merchant Shipping (Prevention of Air Pollution from Ships) Regulations SI 2008 No 2924; and

The Merchant Shipping (Prevention of Pollution by Sewage from Ships) Regulations SI 2020, No 620;

The Merchant Shipping (Prevention of Pollution by Garbage from Ships) Regulations SI 2020, No 621.

Annex 5

UK Conformity Mark for Marine Equipment

The UK Conformity Mark must be affixed to marine equipment in accordance with the Regulations and must take the form set out below.

In any event, the UK Conformity mark for marine equipment must:

Be legible and permanently marked on the equipment which is in compliance with the Regulations;

contrast the background it is printed/ stamped etc on such that is either printed on a block white background or transparent background, providing legibility is maintained;

have vertical dimensions of at least 5mm with the ability to waive this for smaller products and/ or where the size of the conformity mark would not provide for legibility due to the size or nature of the product or it is not otherwise practicable to place the mark on the product in which case the mark should be placed on the accompanying paperwork or packaging; and

as per the Regulations, be accompanied by the identification number of the Approved Body which issues the quality assurance module of conformity (Module D, E or F) or if module G is used, the module G certificate as well as the date of affixing the mark as indicated below (where ##### would be the Approved Body Number and YY the year of affixing the conformity mark).



####/YY

or

####/YYYY

Annex 6

Equipment in scope of the UK-US MRA on marine equipment

Annex II to the agreement between the United Kingdom or Great Britain and Northern Ireland and the United States of America on the mutual recognition of certificates of conformity for marine equipment

Product coverage for mutual recognition

General note:

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

Life-saving appliances

Product item identification	Applicable International instruments for construction, performance and testing requirements ²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
Position indication lights for life-saving appliances: (a) For survival craft and rescue boats	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, II, IV IMO Res MSC.81(70) as amended	UK/1.2a	USCG 161.01 Guidance for approval of position indicating lights for survival craft dated 11 March 1999
Position indication lights for life-saving appliances: (b) For lifebuoys	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, II IMO Res MSC.81(70), as amended IMO Res MSC 97(73) – (2000 HSC Code) 8	UK/1.2b	USCG 161.110
Position indication lights for life-saving appliances:	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – LSA code I, II IMO Res MSC.81(70) as amended	UK/1.2c	USCG 161.112

² LSA Code” refers to the International Life-Saving Appliance Code adopted on 4 June 1996 (IMO Resolution MSC.48(66)). “Recommendation on Testing” refers to the IMO recommendation on Testing of Life-Saving Appliances adopted on 6 November 1991 (IMO Resolution A.689(17)) as amended on 11 December 1998 (IMO Resolution MSC.81(70)).

Product item identification	Applicable International instruments for construction, performance and testing requirements ²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
(c) For lifejackets	IMO Res MSC 97(73) 2000 HSC code 8		Lifejacket light approval guidance (SOLAS) 22 March 1999
Lifebuoy self-activating smoke signals Note: expiration date not to exceed 48 months after month of manufacture	IMO Res MSC.36(63) – 1994 HSC code 8 IMO Res MSC.48(66) – (LSA Code) I, II IMO Res MSC.81(70), as amended IMO Res MSC 97(73) – (2000 HSC Code) 8	UK/1.3	USCG 160.157 Guidelines for approval of SOLAS pyrotechnic signals and line throwing appliances March 2005
Rocket parachute flares (pyrotechnics) Note: expiration date not to exceed 48 months after month of manufacture	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, III IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8	UK/1.8	USCG 160.136 Guidelines for approval of SOLAS pyrotechnic signals and line throwing appliances March 2005
Hand flares (pyrotechnics) Note: expiration date not to exceed 48 months after month of manufacture	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, III IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8	UK/1.9	USCG 160.121 Guidelines for approval of SOLAS pyrotechnic signals and line throwing appliances March 2005
Buoyant smoke signals (pyrotechnics) Note: expiration date not to exceed 48 months after month of manufacture	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, III IMO Res MSC.81(70) as amended	UK/1.10	USCG 160.122 Guidelines for approval of SOLAS pyrotechnic signals and line throwing appliances March 2005
Line throwing appliances	IMO Res MSC.36(63) – (1994 HSC Code) 8	UK/1.11	46 CFR 160.040

Product item identification	Applicable International instruments for construction, performance and testing requirements ²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
Note: expiration date not to exceed 48 months after month of manufacture	IMO Res MSC.48(66) – (LSA Code) I, VII IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8		Guidelines for approval of SOLAS pyrotechnic signals and line throwing appliances March 2005 MIL-R-45505 A2
Rigid liferafts Note: The emergency pack is not covered by this agreement	IMO Res MSC.48(66) – (LSA Code) I, IV IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8	UK/1.13	USCG 160.118 Rigid liferaft – Coast Guard (CG-5214) Review checklist 27 July 1998
Automatically self-righting liferafts (rigid liferafts only/inflatable liferafts not covered) Note: The emergency pack is not covered by this agreement	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, IV IMO Res MSC.81(70) as amended IMO Res MSC 97(73) (2000 HSC Code) 8 IMO MSC Circ. 809 IMO MSC Circ.811 IMO MSC.1 Circ.1328	UK/1.14	USCG 160.118 Rigid liferaft – Coast Guard (CG-5214) Review checklist 27 July 1998
Canopied reversible liferafts (rigid liferafts only/inflatable liferafts not covered) Note: The emergency pack is not covered by this agreement	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, IV IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8 IMO MSC Circ.809 IMO MSC Circ.811 IMO MSC.1 Circ.1328	UK/1.15	USCG 160.118 Rigid liferaft – Coast Guard (CG-5214) Review checklist 27 July 1998
Float free arrangements for liferafts (hydrostatic release units)	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, IV IMO Res MSC.81(70) as amended	UK/1.16	USCG 160.162 Interim guidelines for approval and production

Product item identification	Applicable International instruments for construction, performance and testing requirements ²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IMO Res MSC 97(73) – (2000 HSC Code) 8 IMO MSC Circ.811		of testing of SOLAS hydrostatic release units
Release mechanism for: (a) Lifeboats and rescue boats (launched by a fall or falls) Limited to davit launched liferaft automatic release hook	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, IV IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8 MSC.1/Circ.1419	UK/1.26a	46 CFR 160.170
Release mechanism for: (b) Liferafts (launched by a fall or falls) Limited to davit launched liferaft automatic release hook	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, VI IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8	UK/1.26b	46 CFR 160.170
Marine evacuation systems	IMO Res MSC.36(63) – (1994 HSC Code) 8 IMO Res MSC.48(66) – (LSA Code) I, VI IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8	UK/1.27	USCG 160.175
Embarkation ladders	IMO Res MSC.36(63) – (1994 HSC Code) IMO Res MSC.48(66) – (LSA Code) I, VI IMO Res MSC.81(70) as amended IMO Res MSC 97(73) – (2000 HSC Code) 8 MSC.1/Circ.1285 ISO 5489:2008	UK/1.29	USCG 160.117
Retro-reflective materials	IMO Res A.658(16) IMO Res MSC.36(63) – (1994 HSC Code) IMO Res MSC.48(66) – (LSA Code) I IMO Res MSC 97(73) 2000 HSC Code 8	UK/1.30	46 CFR 164.018 NVIC 2-92
Primary deck coverings	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) 2000 HSC Code 7	UK/3.1	46 CFR 164.106

Product item identification	Applicable International instruments for construction, performance and testing requirements ²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IMO Res MSC.307(88) – (2010 FTP Code) as amended		
A & B Class divisions fire integrity (a) A class divisions	IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC/Circ.1120 IMO MSC/Circ.1434 IMO MSC/Circ.1435 IMO MSC/Circ.1616	UK/3.11a	46 CFR 164.105 46 CFR 164.110
A & B Class divisions fire integrity (b) B class divisions Note: Restricted B class divisions are not covered by this agreement	IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC/Circ.1120 IMO MSC/Circ.1581	UK/3.11b	46 CFR 164.108 46 CFR 164.110
Non-combustible materials	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	UK/3.13	46 CFR 164.109
Fire doors Limited to fire doors without windows or with total window area no more than 645cm ² in each door leaf Approval limited to maximum door size tested	IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC.1/Circ.1319 IMO MSC.1/Circ.1511	UK/3.16	46 CFR 164.136
Fire door control systems components	IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – (2010 FTP Code) as amended	UK/3.17	46 CFR 164.146

Product item identification	Applicable International instruments for construction, performance and testing requirements²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
Note: When the term “system components” is used in column 1 it may be that a single component, a group of components or a whole system needs to be tested to ensure that the international requirements are fulfilled			
Surface materials and floor coverings with low flame-spread characteristics (a) Decorative veneers	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC/Circ.1120	UK/3.18a	46 CFR 164.112
Surface materials and floor coverings with low flame-spread characteristics (b) Paint systems	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC/Circ.1120	UK/3.18b	46 CFR 164.112
Surface materials and floor coverings with low flame-spread characteristics (c) Floor coverings	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC/Circ.1120	UK/3.18c	46 CFR 164.117
Surface materials and floor coverings with low flame-spread characteristics (f) Combustible ducts	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC/Circ.1120	UK/3.18f	46 CFR 164.112

Product item identification	Applicable International instruments for construction, performance and testing requirements ²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
Draperies, curtains and other suspended textile materials and films	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC.1/Circ.1456, as amended	UK/3.19	46 CFR 164.111
Upholstered furniture	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	UK/3.20	46 CFR 164.144
Bedding components	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – IMO Res MSC.307(88) – (2010 FTP Code) as amended	UK/3.21	46 CFR 164.142
Fire dampers	IMO Res MSC.307(88) – IMO Res MSC.307(88) – (2010 FTP Code) as amended	UK/3.22	46 CFR 164.139
Penetrations through A class divisions (a) Electric cable transits	IMO Res MSC.307(88) – IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC.1/Circ.1488	UK/3.26a	46 CFR 164.138
Penetrations through A class divisions (b) Pipe, duct, trunk etc. penetrations	IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC.1/Circ.1276 IMO MSC.1/Circ.1488	UK/3.26b	46 CFR 164.138
Fire restricting materials (except furniture) for high-speed craft	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7	UK/3.32	46 CFR 164.201

Product item identification	Applicable International instruments for construction, performance and testing requirements ²	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC.1/Circ.1457		
Fire resisting materials for high-speed craft	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	UK/3.33	46 CFR 164.201
Fire resisting divisions for high-speed craft	IMO Res MSC.36(63) – (1994 HSC Code) 7 IMO Res MSC 97(73) – (2000 HSC Code) 7 IMO Res MSC.307(88) – (2010 FTP Code) as amended IMO MSC.1/Circ.1457	UK/3.34	46 CFR 164.207

Navigation equipment

Notes applicable to this section

1. Resolution A.102(26) and Resolution MSC.302(87) shall be considered, as applicable, for all the navigation equipment – They refer to “Code on alerts and indicators, 2009,” and to “Adoption of performance standards for bridge alert management,” respectively.
2. **IEC 61162 series refer to the following reference standards for maritime navigation and radio communication equipment and systems – Digital interfaces:**
 - IEC 61162-1 (2016) – Part 1: Single talker and multiple listeners
 - IEC 61162-2 Ed.1.0 (1998-09) – Part 2: Single talker and multiple listeners

High-speed transmission

- IEC 61162-3 Ed.1.2 consol. With am1 Ed.1.0 (2010-11) and am2 Ed.1.0 (2014-07) – Part 3: Serial data instrument network
- **IEC 61162-3 Ed.1.0 (2008-05) – Part 3: Serial data instrument network**

- IEC 61162-3 am2 Ed.1.0 (2010-06) Amendment 1 – Part 3: Serial data instrument network
- **IEC 61162-3 am2 Ed.1.0 (2014-07) Amendment 2 – Part 3: Serial data instrument network**
- IEC 61162-450 Ed.1.0 (2011-06) with am1 (2016) Part 450: Multiple talkers and multiple listeners – Ethernet connection

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
Magnetic compass class A for ships	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) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)	UK/4.1	USCG 165.101 NVIC 8-01, Change 3
Transmitting heading device (THD) magnetic method	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.116(73) IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) ISO 22090-2 (2014)	UK/4.2	USCG 165.102 NVIC 8-01, Change 3 Note: the use of ISO 11606:2000/cor1:2005 is required for acceptance for USCG approval under the MRA
Gyro compass	IMO Res A.424(XI) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.302(87) ISO 8728:2014 IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)	UK/4.3	USCG 165.103 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IEC 61162 series IEC 62288 Ed.2.0 (2014-07)		
Echo sounding equipment	IMO Res A.224(VII) IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC.74(69) Annex 4 IMO Res MSC.97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) ISO 9875 (2000) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.6	USCG 165.107 NVIC 8-01, Change 3
Speed and distance measuring equipment (SDME)	IMO Res A.694(17) IMO Res A.824(19) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC.97(73) – (2000 HSC Code) 13 IMO Res MSC.302(87) IMO Res MSC.191(79) IEC 61023 (2007) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.7	USCG 165.105 NVIC 8-01, Change 3
Rate of turn indicator	IMO Res A.526(13) IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC.97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79)	UK/4.9	USCG 165.106 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series ISO 20672 (2007) including Corr.1 (2008) IEC 62288 Ed.2.0 (2014-07)		
Loran-C equipment	Deliberately left blank		
Chayka equipment	Deliberately left blank		
GPS equipment	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.112(73) IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61108-1 Ed.2.0 (2003) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.14	USCG 165.130 NVIC 8-01, Change 3
GLONASS equipment	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) IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61108-2 (1998) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.15	USCG 165.131 NVIC 8-01, Change 3
Heading control system (HCS)	IMO Res A.342(IX)	UK/4.16	USCG 165.110

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.64(67) Annex 3 IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) ISO 11674 (2006)		NVIC 8-01, Change 3
Rudder angle indicator	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) ISO 20673:2007	UK/4.20	USCG 165.167 NVIC 8-01, Change 3
Propeller revolution indicator	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) ISO 22554:2015	UK/4.21	USCG 165.168 NVIC 8-01, Change 3
Pitch indicator	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13	UK/4.22	USCG 165.115 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) ISO 22555:2007		
Radar equipment CAT 1 (Radar equipment used with ARPA must have separate EU and USA certifications)	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) IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008) IEC 61162 series IEC 62288 Ed. 2.0 (2014-07) IEC 62388 Ed. 2.0 (2013-06)	UK/4.34	USC 165.115 NVIC 8-01, Change 3 47 CFR 90 47 CFR 02.100 Subpart B Note: USCG 165.120 has been changed to 165.115 to reflect changes required by MSC.192(79). Certificates previously issued remain valid for existing equipment.
Radar equipment CAT 2 (Radar equipment used with ATA must have separate EU and US certifications)	IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-R M.1177-4 (04/11) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.35	USCG 165.115 NVIC 8-01, Change 3 47 CFR 80 47 CFR 02.100 subpart B Note: USCG 165.111 has been changed to 165.116 to reflect

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IEC 62388 Ed.2.0 (2013-06)		changes required by MSC.192(79). Certificates previously issued remain valid for existing equipment
Radar equipment CAT 3 (Radar equipment used with EPA must have separate EU and US certifications)	IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.191(79) IMO Res MSC.302(87) ITU-R M.1177-4 (04/11) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) IEC 62388 Ed.2.0 (2013-06)	UK/4.36	USCG 165.117 NVIC 8-01, Change 3 47 CFR 80 47 CFR 02.100 subpart B Note: USCG 165.121 has been changed to 165.117 to reflect changes required by MSC.192(79). Certificates previously issued remain valid for existing equipment
Integrated bridge system	Item deliberately left blank		
Voyage data recorder (VDR)	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO Res MSC.333(90) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series	UK/4.29	USCG 165.150 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IEC 61996-1 Ed.2.0 (2013-05) incl. IEC 61996-1 corr.1 (2014) IEC 62288 Ed.2.0 (2014-07)		
Electronic chart display and information system (ECDIS) with backup and raster chart display system (RCDS)	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.232(82) IMO Res MSC.302(87) IMO MSC.1/Circ.1503 Rev.1 IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 61174 Ed.4.0 (2015) IEC 62288 Ed.2.0 (2014-07) [ECDIS backup and RCDS are only applicable when this functionality is included in the ECDIS. The module B certificate shall indicate whether these options were tested]	UK/4.30	USCG 165.123 USCG 165.124 NVIC 8-01, Change 3
Gyro compass for high-speed craft	IMO Res A.694(17) IMO Res A.821(19) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349 ISO 16328 (2014) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series	UK/4.31	USCG 165.203 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IEC 62288 Ed.2.0 (2014-07)		
Universal automatic identification system (AIS)	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC.74(69) IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) ITU-R m.1371-5 (2014) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 61993-2 (2012) IEC 62288 Ed.2.0 (2014-07)	UK/4.32	USCG 165.155 NVIC 8-01, Change 3 ITU-R M.1371-3
Track control system (working at ship's speed from minimum manoeuvring speed up to 30 knots)	IMO Res A.694(17) IMO Res MSC.74(69) IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62065 Ed.2.0 (2014-02) IEC 62288 Ed.2.0 (2014-07)	UK/4.33	USCG 165.112 NVIC 8-01, Change 3
Radar equipment for high-speed craft applications (CAT 1H and CAT 2H)	IMO Res A.278(VIII) IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.192(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349 ITU-R M.1177-4 (04/11)	UK/4.37	USCG 165.216 USCG 165.217 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) IEC 62388 Ed.2.0 (2013-06)		
Radar reflector passive type	IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC.97(73) – (2000 HSC Code) 13 IMO Res MSC.164(78) ISO 8729-1 (2010) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)	UK/4.39	USCG 165.160 NVIC 8-01, Change 3
Heading control system for high-speed craft	IMO Res A.694(17) IMO Res A.822(19) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1349 ISO 16329 (2003) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.40	USCG 165.210 NVIC 8-01, Change 3
Transmitting heading device (THD) (GNSS method)	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.116(73) IMO Res MSC.191(79) IMO Res MSC.302(87) ISO 22090-3:2014 IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)	UK/4.41	USCG 165.102

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IEC 61162 series IEC 62288 Ed.2.0 (2014-07)		
Searchlight for high-speed craft	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 ISO 17884:2004 IEC 60945 (2002) incl. IEC 60945 corr.1 (2008)	UK/4.42	USCG 165.252 NVIC 8-01, Change 3
Night vision equipment for high-speed craft	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC.94(72) IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.191(79) ISO 16273 (2003) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 62288 Ed.2.0 (2014-07)	UK/4.43	USCG 165.251 NVIC 8-01, Change 3 ISO 60447 ISO/IEC 9126
Transmitting heading device (THD) (Gyroscopic method)	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.116(73) IMO Res MSC.191(79) IMO Res MSC.302(87) ISO 22090-1:2014 IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.46	USCG 165.102
Simplified voyage data recorder (S-VDR)	IMO Res A.694(17) IMO Res MSC.163(78) IMO Res MSC.191(79)	UK/4.47	USCG 165.151 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
	IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 61996-2 (2007) IEC 62288 Ed.2.0 (2014-07)		
DGPS equipment	IMO Res A.694(17) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IMO Res MSC.112(73) IMO Res MSC.114(73) IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61108-1 (2003) IEC 61108-4 (2004) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.50	USCG 165.132 NVIC 8-01, Change 3
DGLONASS equipment	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) IMO Res MSC.114(73) IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61108-1 Ed.1.0 (1998) IEC 61108-4 (2004) IEC 61162 series IEC 62288 Ed.2.0 (2014-07)	UK/4.51	USCG 165.133 NVIC 8-01, Change 3

Product item identification	Applicable International instruments for construction, performance and testing requirements	UK technical regulations item number indicated in Annex 1 of Merchant Shipping Notice 1874 as amended	US technical regulations and approval guidance
Daylight signaling lamp	IMO Res A.694(17) IMO Res MSC.95(72) IMO Res MSC.36(63) – (1994 HSC Code) 13 IMO Res MSC 97(73) – (2000 HSC Code) 13 IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) ISO 25861:2007	UK/4.52	USCG 165.166 NVIC 8-01, Change 3
Bridge navigational watch alarm system (BNWAS)	IMO Res A.694(17) IMO Res MSC.128(75) IMO Res MSC.191(79) IMO Res MSC.302(87) IMO MSC.1/Circ.1474 IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) IEC 62616 (2010) incl. IEC 62616 corr.1 (2012)	UK/4.57	USCG 165.142 NVIC 8-01, Change 3
Sound reception system	IMO Res A.694(17) IMO Res MSC.86(70) IMO Res MSC.36(63) – (1994 HSC Code) IMO Res MSC 97(73) – (2000 HSC Code) IMO Res MSC.191(79) IMO Res MSC.302(87) IEC 60945 (2002) incl. IEC 60945 corr.1 (2008) IEC 61162 series IEC 62288 Ed.2.0 (2014-07) ISO 14859:2012	UK/4.58	USCG 165.165 NVIC 8-01, Change 3