

Summaries of IACS Resolutions published in 2021

Summary of New/Revisions to IACS Unified Requirements published in 2021

◆ New
 ◆ Revised
 ◆ Corrigenda
 ◆ Deleted/Withdrawn

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
◆ 1	UR M75	Rev.1	Jan 2021	Ventilation of emergency generator rooms	01 Jan 22
◆ 2	UR M81	New	Jan 2021	Safety measures against chemical treatment fluids used for exhaust gas cleaning systems and residues which have hazardous properties	01 Jul 22
◆ 3	UR P2.13	Rev.1	Jan 2021	Installation	01 Jul 22
◆ 4	UR P2.74	Rev.10	Jan 2021	Mechanical joints	01 Jul 22
◆ 5	UR P2.11	Rev.5	Jan 2021	Type approval of mechanical joints	01 Jul 22
◆ 6	UR M44	Rev.10	Feb 2021	Documents for the approval of diesel engines	01 Jul 22
◆ 7	UR M56	Rev.4	Feb 2021	Marine gears – load capacity of involute parallel axis spur and helical gears	01 Jul 22
◆ 8	UR M66	Rev.4	Feb 2021	Type testing procedure for crankcase explosion relief valves	01 Jul 22
◆ 9	UR M68	Rev.3	Feb 2021	Dimensions of propulsion shafts and their permissible torsional vibration stresses	01 Jul 22
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◆ 11	UR M42	Rev.5	Feb 2021	Steering gear	01 Jul 22
◆ 12	UR E7	Rev.5	Feb 2021	Cables	01 Jul 22
◆ 13	UR E10	Rev.8	Feb 2021	Test specification for type approval	01 Jul 22
◆ 14	UR E11	Rev.4	Feb 2021	Unified requirements for systems with voltages above 1 kV up to 15 kV	01 Jul 22

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
15	UR E17	Rev.1	Feb 2021	Generators and generator systems, having the ship's propulsion machinery as their prime mover, not forming part of the ship's main source of electrical power	01 Jul 22
16	UR E21	Rev.1	Feb 2021	Requirements for uninterruptible power system (UPS) units as alternative and/or transitional power	01 Jul 22
17	UR M78	Rev.1	Feb 2021	Safety of internal combustion engines supplied with low pressure gas	01 Jul 22
18	UR F15	Rev.6	Feb 2021	Reinforced thickness of ballast and cargo oil piping	01 Jul 22
19	UR P4	Rev.6	Feb 2021	Production and application of plastic piping systems on ships	01 Jul 22
20	UR P2.12	Rev.3	Feb 2021	Flexible hoses	01 Jul 22
21	UR D8	Rev.3	Feb 2021	Hazardous areas	01 Jul 22
22	UR D9	Rev.4	Feb 2021	Machinery	01 Jul 22
23	UR S6	Corr.1	Mar 2021	Use of steel grades for various hull members - ships of 90 m in length and above	-
24	UR N1	Deleted	Mar 2021	One man bridge operated (OMBO) ships	-
25	UR W1	Rev.4	Apr 2021	Material and welding for ships carrying liquefied gases in bulk and ships using gases or other low-flashpoint fuels	01 Jul 22
26	UR P3	Rev.5	Apr 2021	Air pipe closing devices	01 Jul 22
27	UR M74	Rev.2	Jun 2021	Ballast Water Management Systems (BWMS)	01 Jul 22
28	UR F45	New	Jun 2021	Installation of BWMS on board ships	01 Jul 22
29	UR Z28	Corr.1	Jun 2021	Surveys of watertight cable transits	-
30	UR F46	New	Aug 2021	Low pressure CO ₂ piping system	01 Jul 22
31	UR W33	Corr.1	Aug 2021	Non-destructive testing of ship hull steel welds	-
32	UR Z17	Rev.16	Aug 2021	Procedural Requirements for Service Suppliers	01 Jan 22
33	UR A1	Corr.1	Sep 2021	Anchoring equipment	-
34	UR M77	Rev.3	Sep 2021	Storage and use of SCR reductants	01 Jul 22
35	UR W2	Rev.3	Sep 2021	Test specimens and mechanical testing procedures for materials	01 Jan 23

Appendix I Summaries of IACS Resolutions published in 2021

Summary of New/Revisions to IACS Unified Requirements published in 2021

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
36	UR W13	Rev.7	Sep 2021	Thickness tolerances of steel plates and wide flats	01 Jan 23
37	UR W14	Rev.3	Sep 2021	Steel plates and wide flats with specified minimum through thickness properties ("Z" quality)	01 Jan 23
38	UR W17	Rev.6	Sep 2021	Approval of consumables for welding normal and higher strength hull structural steels	01 Jan 23
39	UR W18	Rev.6	Sep 2021	Anchor chain cables and accessories including chafing chain for emergency towing arrangements	01 Jan 23
40	UR W25	Rev.6	Sep 2021	Aluminium alloys for hull construction and marine structures	01 Jan 23
41	UR W26	Rev.2	Sep 2021	Requirements for welding consumables for aluminium alloys	01 Jan 23
42	UR G1	Rev.3 Corr.2	Oct 2021	Vessels with cargo containment system for liquefied gas	-
43	UR M42	Rev.5 Corr.1	Oct 2021	Steering gear	-
44	UR M56	Rev.4 Corr.1	Oct 2021	Marine gears – load capacity of involute parallel axis spur and helical gears	-
45	UR M66	Rev.4 Corr.1	Oct 2021	Type testing procedure for crankcase explosion relief valves	-
46	UR S6	Rev.9 Corr.2	Nov 2021	Use of steel grades for various hull members - ships of 90 m in length and above	-
47	UR M60	Rev.1	Nov 2021	Control and safety of gas turbines for marine propulsion use	01 Jan 23
48	UR D11	Rev.4	Dec 2021	Safety features	01 Jan 23
49	CSR 2021	URCN 1	Aug 2021	Urgent rule change notice 1 to CSR 01 Jan 2021 version	01 Jan 22
50	CSR 2021	RCN 1	Dec 2021	Rule change notice 1 to CSR 01 Jan 2021 version	01 Jul 22

1. UR M75 (Rev.1 Jan 2021)

UR M75 provides the requirements for closable ventilation louvers and ventilator closing appliances serving emergency generator rooms. In this revision, changes have been made to achieve consistency with requirements from SOLAS Convention and the International Load Line Convention so that possible challenges during PSC inspections can be avoided.

2. UR M81 (New Jan 2021)

UR M81 provides minimum technical requirements for exhaust gas cleaning systems using chemical treatment fluids and residues which have hazardous properties.

3. UR P2.13 (Rev.1 Jan 2021)

UR P2.13 relates to protection of seawater pipes from mechanical damage. The examples in the round brackets in paragraph P2.13.1.1 have been deleted in this revision as they are considered not appropriate/useful for the purpose of this requirement.

4. UR P2.7.4 (Rev.10 Jan 2021)

UR P2.7.4 is applicable to pipe unions, compression couplings, and slip-on joints. Requirements related to fire tests have been updated in this revision considering service condition for each piping system (dry, wet, dry/wet).

5 UR P2.11 (Rev.5 Jan 2021)

UR P2.11 describes the type testing condition for type approval of mechanical joints intended for use in marine piping systems. This revision introduced requirements for fire-resistant tests of mechanical joints.

6. UR M44 (Rev.10 Feb 2021)

UR M44 provides a list of documents necessary to approve a diesel engine design for conformance to the Rules and for use during manufacture and installation. This revision has been updated to unify the way to refer to external instruments.

7 (&44). UR M56 (Rev.4 Feb 2021) and (Corr.1 Oct 2021)

UR M56 was developed for the calculation of load capacity of spur and helical gears. Rev.4 of the UR has been updated to unify the way to refer to external instruments. Reference to an industry standard has been corrected in Corr.1 of Rev.4.

8 (&45). UR M66 (Rev.4 Feb 2021) and (Corr.1 Oct 2021)

UR M66 specifies type tests and identifies standard test conditions using methane gas and air mixture to demonstrate that classification society requirements are satisfied for crankcase explosion relief valves intended to be fitted to engines and gear cases. Rev.4 of the UR has been updated to unify the way to refer to external instruments. Reference to industry standards has been corrected in Corr.1 of Rev.4.

9. UR M68 (Rev.3 Feb 2021)

UR M68 applies to propulsion shafts such as intermediate and propeller shafts of traditional straight forged design and which are driven by rotating machines such as diesel engines, turbines or electric motors. This revision has been updated to unify the way to refer to external instruments.

10. UR M69 (Rev.1 Feb 2021)

UR M69 gives a qualitative failure analysis for propulsion and steering for new passenger ships including those having a length of 120 m or more or having three or more main vertical zones. This revision has been updated to unify the way to refer to external instruments.

11 (&43). UR M42 (Rev.5 Feb 2021) and (Corr.1 Oct 2021)

UR M42 gives class requirements for steering gear which apply to new ocean-going vessels of 500 gross tonnage and above. This revision has been updated to unify the way to refer to external instruments.

12. UR E7 (Rev.5 Feb 2021)

UR E7 gives type approval requirements for cables. This revision has been updated to unify the way to refer to external instruments.

13. UR E10 (Rev.8 Feb 2021)

UR E10 provides test specification for type approval which is applicable, but not confined, to electrical, electronic and programmable equipment intended for control, monitoring, alarm and protection systems for use in ships. This revision has been updated to unify the way to refer to external instruments.

14. UR E11 (Rev.4 Feb 2021)

UR E11 gives requirements for systems with voltages above 1kV up to 15kV. This revision has been updated to unify the way to refer to external instruments.

15. UR E17 (Rev.1 Feb 2021)

UR E17 provides requirements for generators and generator systems, having the ship's propulsion machinery as their prime mover but not forming part of the ship's main source of electrical power. This revision has been updated to unify the way to refer to external instruments.

16. UR E21 (Rev.1 Feb 2021)

UR E21 provides requirements for uninterruptible power system (UPS) units as alternative and/or transitional power. This revision has been updated to unify the way to refer to external instruments.

17. UR M78 (Rev.1 Feb 2021)

UR M78 addresses the requirements for trunk piston internal combustion engines supplied with low pressure natural gas as fuel. This revision has been updated to remove inconsistency between TA & FAT and Shipboard Trials, and to unify the way to refer to external instruments.

18. UR F15 (Rev.6 Feb 2021)

UR F15 gives requirements on reinforced thickness of ballast and cargo oil piping. This revision has been updated to correct references to MARPOL Annex I and its interpretation, and to unify the way to refer to external instruments.

19. UR P4 (Rev.6 Feb 2021)

UR P4 addresses the provisions of IMO Resolution A.753(18), as amended by IMO Resolutions MSC.313(88) and MSC.399(95). This revision has been updated to unify the way to refer to external instruments.

20. UR P2.12 (Rev.3 Feb 2021)

UR P2.12 gives requirements on flexible hoses. This revision has been updated to clarify the term “short length” for flexible hoses and the criteria for the selection of “different nominal diameters of hose type” for prototype tests, and to unify the way to refer to external instruments.

21. UR D8 (Rev.3 Feb 2021)

UR D8 provides requirements for hazardous areas. In this revision, an amendment was made to reflect the latest IMO Resolution.

22. UR D9 (Rev.4 Feb 2021)

UR D9 gives machinery requirements. This revision has been updated to reflect the latest IMO resolutions related to 2009 MODU Code.

23 (&46). UR S6 (Corr.1 Mar 2021) and (Corr.2 Nov 2021)

UR S6 stipulates requirements on the use of steel grades for various hull members for ships of 90 m in length and above. In Corr.1 to Rev.9 of the UR, reference in description of Table 5 to SOLAS XII/6.5.3 was updated to SLAS XII/6.4. In Corr.2 to Rev.9 of the UR, table 4 has been corrected. Figure 1 has also been improved.

24. UR N1 (Del Feb 2021)

UR N1 has been deleted as the majority of the requirements have been included in the other statutory instruments.

25. UR W1 (Rev.4 Apr 2021)

UR W1 gives additional requirements to the ones prescribed in the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code) or International Code of Safety for Ships using Gases or other low-flashpoint Fuels (IGF Code). This revision has been updated to remove some requirements that have been included in the IMO IGC code. The revision also extended the material thickness range above 40mm to a maximum of 50mm, and the tables contained within this UR (corresponding to the applicable tables contained in IGC and IGF instruments) reflect this extended material thickness range.

26. UR P3 (Rev.5 Apr 2021)

UR P3 gives requirements to air pipe closing devices. In this revision, changes have been made to address numerical analysis using CFD (computational fluid dynamics) as an alternative means to undertake reverse flow test.

27. UR M74 (Rev.2 Jun 2021)

UR M74 gives requirements for the installation of Ballast Water Management Systems in addition to the requirements contained in BWM Convention (2004). The outcome of a comprehensive review of the existing requirements has been reflected in this revision.

28. UR F45 (New Jun 2021)

UR F45 provides requirements to fire safety measures, in addition to that required by SOLAS II-2, related to the installation of Ballast Water Management Systems on board any ship.

29. UR Z28 (Corr.1 Jun 2021)

UR Z28 gives survey requirements of watertight cable transits. Corr.1 was issued to correct a reference in para 2.1.1.

30. UR F46 (New Aug 2021)

UR F46 provides requirements on CO2 pressure at nozzles where a low-pressure CO2 system is fitted.

31. UR W33 (Corr.1 Aug 2021)

UR W33 gives minimum requirements on the methods and quality levels that are to be adopted for non-destructive testing (NDT) of ship hull structure steel welds during new building. The UR was slightly corrected to align the definition of welding types with internationally used terminology.

32. UR Z17 (Rev.16 Aug 2021)

UR Z17 provides requirements on approval of firms providing services, such as measurements, tests or maintenance of safety systems and equipment. This revision adds a new section 18 to Annex 1, providing the requirements for approval of firms engaged in commissioning testing of Ballast Water Management Systems.

33. UR A1 (Corr.1 Sep 2021)

UR A1 gives requirements on anchoring equipment. Corr.1 to Rev.7 has corrected the definition of parameter “a” used in equipment number calculation. Figure 1 was also updated accordingly.

34. UR M77 (Rev.3 Sep 2021)

UR M77 applies to the arrangements for the storage and use of SCR reductants which are typically carried on board in bulk quantities. An exemption for FRP vessels, from the requirement for urea storage tanks to be of steel or other material with a melting point above 925 degrees C, was developed in this revision.

35. UR W2 (Rev.3 Sep 2021)

UR W2 gives requirements for test specimens when testing ferrous and non-ferrous metals. This revision has been updated to unify the way to refer to external instruments.

36. UR W13 (Rev.7 Sep 2021)

UR W13 applies to the tolerance on thickness of steel plates and wide flats with widths of 600 mm or greater with thicknesses of 5 mm and over. This revision has been updated to unify the way to refer to external instruments.

37. UR W14 (Rev.3 Sep 2021)

UR W14 supplements those given in W11 and W16 for material with a thickness greater than or equal to 15mm and intended to have a specified minimum ductility in the through thickness or “Z” direction. This revision has been updated to unify the way to refer to external instruments.

38. UR W17 (Rev.6 Sep 2021)

UR W17 gives the conditions of approval and inspection of welding consumables used for hull structural steel according to UR W11. This revision has been updated to unify the way to refer to external instruments.

39. UR W18 (Rev.6 Sep 2021)

UR W18 applies to the materials, design, manufacture and testing of stud link anchor chain cables and accessories used for ships. This revision has been updated to unify the way to refer to external instruments.

40. UR W25 (Rev.6 Sep 2021)

UR W25 applies to wrought aluminium alloys used in the construction of hulls, superstructures and other marine structures. This revision has been updated to unify the way to refer to external instruments.

41. UR W26 (Rev.2 Sep 2021)

UR W26 gives the conditions of approval and inspection of welding consumables to be used for hull construction and marine structure aluminium alloys according to UR W25. This revision has been updated to unify the way to refer to external instruments.

42. UR G1 (Corr.2 Oct 2021)

UR G1 gives general principles which are applied by classification societies for approval and survey of the relevant items of vessels with cargo containment system for liquefied gas for classification purposes. Corr.2 to Rev.3 was issued to update the references relating to UR W1.

43. UR M42 (Rev.5 Corr.1 Oct 2021)

UR 42 provides requirements for steering gear on ocean-going vessels of 500 GT and upwards. In this corrigendum, reference to SOLAS regulations and the application statement have been corrected.

44. UR M56 (Rev.4 Corr.1 Oct 2021)

UR M56 stipulates the load capacity of involute parallel axis spur and helical gears. References to ISO standards have been updated in this corrigendum.

45. UR M66 (Rev.4 Corr.1 Oct 2021)

UR M66 specifies type testing procedure for crankcase explosion relief valves intended to be fitted to engines and gear cases. References to ISO standards have been updated in this corrigendum.

46. UR S6 (Rev.9 Corr.1 Oct 2021)

UR S6 gives requirements for use of steel grades for hull structural members in ships of 90 m in length and above. In this corrigendum, table 4 has been corrected and figure 1 have been improved.

47. UR M60 (Rev.1 Nov 2021)

UR M60 provides requirements on control and safety of gas turbines for marine propulsion use. This revision has been updated to address industry requests.

48. UR D11 (Rev.4 Dec 2021)




UR D11 gives requirements on fire protection arrangements and fire extinguishing systems. This revision has been updated to provide clarity of “near other openings of accommodation spaces”.

49 & 50. CSR 2021

Common Structural Rules (CSR) consist of two parts. Part One provides requirements common to both Double Hull Oil Tankers and Bulk Carriers and Part Two provides additional requirements applied to either Double Hull Oil Tankers or Bulk Carriers. The consolidated version of CSR 2021 was issued in March 2021 and came into force on 1 July 2021. Rule Change Notice 1 (RCN1), Urgent Rule Change Notice 1 (URCN) and Corrigenda 1 to CSR 2021 version were published as outcomes of regular CSR maintenance.

Summary of New/Revisions to IACS Procedural Requirements published in 2021

 New  Revised  Corrigenda  Deleted/Withdrawn

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
 1	PR 38	Rev.3	Jan 2021	Procedure for calculation and verification of the Energy Efficiency Design Index (EEDI)	01 Apr 21
 2	PR 1A	Rev.8	Apr 2021	Procedure for Transfer of Class	01 Jan 22
 3	PR 1 Annex	Rev.5	Apr 2021	Annexes to PR1A, PR1B and PR1C	01 Jan 22

1. PR 38 (Rev.3 Jan 2021)

PR 38 contains the procedure for conducting survey and certification of EEDI in accordance with 2014 Guidelines on Survey and Certification of the Energy Efficiency Design Index (EEDI), as amended. Rev.3 removed items covered by the IMO Guidelines and added reference(s) in PR 38 to the IMO Guidelines as necessary.

2. PR 1A (Rev.8 Apr 2021)

PR 1A contains procedures and requirements pertaining to transfer of class (TOC) from one society to another society. Rev.8 was adopted to make clear that even a certificate issued for a voyage in accordance with paragraph A.1.4.2 before the completion of TOC should be reported by the gaining society through Form G, Part B to the losing society.

3. PR 1 Annex (Rev.5 Apr 2021)

PR 1 Annex contains reporting forms, harmonisation of reporting, review of vessel’s records and contact points for societies. This revision made clear that even a certificate issued for a voyage in accordance with paragraph A.1.4.2 before the completion of TOC should be reported by the gaining society through Form G, Part B to the losing society.

4 Addendums to PR 1C, PR 6, PR 10 & PR 10B

IACS has been regularly reviewing PRs as one of the measures supporting the IMO’s call to help ships safely remain in service in the context of the COVID-19 pandemic. In the latest revisions, the addendum to PR 1C will remain in force until 31 March 2022 and addendums to PR 6, PR 10 & PR 10B will extend to 30 June 2022.

Summary of New/Revisions to IACS Unified Interpretations published in 2021



New



Revised



Corrigenda



Deleted/Withdrawn

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
 1	UI SC63	Deleted	Jan 2021	Pre-discharge alarm of fixed gas fire extinguishing systems	-
 2	UI SC156	Rev.2	Jan 2021	Doors in watertight bulkheads of cargo ships and passenger ships	01 Jul 21
 3	UI SC11	Rev.1	Feb 2021	Precautions against shock, fire and other hazards of electrical origin	01 Jul 22
 4	UI GC32	New	Feb 2021	Outer duct in gas fuel piping systems	01 Jul 21
 5	UI GC33	New	Feb 2021	Cargo sampling	01 Jul 21
 6	UI GC34	New	Feb 2021	Cargo filters	01 Jul 21
 7	UI GC35	New	Feb 2021	Inhibition of cargo pump operation and opening of manifold ESD valves with level alarms overridden	01 Jul 21
 8	UI GC36	New	Feb 2021	Oxygen deficiency monitoring equipment in a nitrogen generator room area	01 Jul 21
 9	UI GC37	New	Feb 2021	Suitable pressure relief system for air inlet, scavenge spaces, exhaust system and crank case	01 Jul 21
 10	UI SC57	Rev.2	Feb 2021	Venting, purging, gas freeing and ventilation	01 Jul 22
 11	UI SC70	Rev.4	Feb 2021	Cargo tank vent systems and selection of electrical equipment	01 Jul 22
 12	UI SC79	Rev.5	Feb 2021	Certified safe type electrical equipment for ships carrying dangerous goods	01 Jul 22
 13	UI SC179	Rev.3	Feb 2021	Dewatering of forward spaces of bulk carriers	01 Jul 22
 14	UI SC180	Rev.4	Feb 2021	Hold, ballast and dry space water level detectors and performance standards for water level detectors on bulk carriers and single hold cargo ships other than bulk carriers	01 Jul 22
 15	UI SC194	Rev.1	Feb 2021	Installation of electrical and electronic appliances on the bridge and vicinity of the bridge	01 Jul 22
 16	UI SC274	Rev.1	Feb 2021	Hazardous area classification in respect of selection of electrical equipment, cables and wiring and positioning of openings and air intakes	01 Jul 22
 17	UI SC1	Rev.2	Feb 2021	Main source of electrical power	01 Jul 22
 18	UI SC10	Rev.3	Feb 2021	Precautions against shock, fire and other hazards of electrical origin	01 Jul 22

Appendix I Summaries of IACS Resolutions published in 2021

Summary of New/Revisions to IACS Unified Interpretations published in 2021

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
19	UI SC42	Rev.3	Feb 2021	Precaution against ignition of explosive petrol and air mixture in closed vehicle spaces, closed ro-ro spaces and special category spaces	01 Jul 22
20	UI SC43	Rev.3	Feb 2021	Precaution against ignition of explosive petrol and air mixture in closed vehicle spaces, closed ro-ro spaces and special category spaces	01 Jul 22
21	UI SC147	Rev.2	Feb 2021	Watertight door closure	-
22	UI SC93	Rev.2	Feb 2021	Enclosure of stern tubes on cargo ships	01 Jul 21
23	UI LL65	Rev.3	Feb 2021	Ships with assigned or reassigned reduced freeboards and intended to carry deck cargo	01 Jul 21
24	UI GC28	Corr.1	Feb 2021	Guidance for sizing pressure relief systems for interbarrier spaces	01 Jan 21
25	UI SC225	Corr.1	Mar 2021	The occupied volume by flooded water of a flooded space in the SOLAS Chapter II-1 (Regulation 2(14))	-
26	UI SC61	Deleted	Mar 2021	Fixed deck foam systems (FSS code, Ch. 14, 2.1.3)	-
27	UI HSC5	Deleted	Mar 2021	Aluminium lube oil sump or tank	-
28	UI SC87	Rev.2	Mar 2021	Certification of carriage of solid dangerous bulk cargoes	-
29	UI SC197	Rev.2	Mar 2021	Non-combustible cargoes (Reg.II-2/10.7.1.4)	-
30	UI SC128	Deleted	Apr 2021	CO ₂ discharge time (FSS Code, Ch. 5, 2.2.1.2, 2.2.1.6, 2.2.1.7)	-
31	UI FTP3	Rev.3	Apr 2021	Fire door	01 Jan 22
32	UI LL8	Rev.2	Apr 2021	Miscellaneous openings in freeboard and superstructure decks (Regulation 18(2) & 18(3))	01 Jul 22
33	UI SC161	Rev.2	Apr 2021	Timber deck cargo in the context of damage stability requirements	01 Jul 22
34	UI SC49	Rev.3	May 2021	Fire protection arrangements in cargo spaces	01 Jul 22
35	UI SC85	Rev.2	May 2021	Ro-ro space	01 Jul 22
36	UI MPC11	Corr.1	Jun 2021	Interpretation to MARPOL I/27	-
37	UI LL50	Rev.6	Jun 2021	Protection of crew (1966 Load Line Convention Regulation 25(4), 26(2) and 27(7), 1988 Protocol Regulation 25(4), 26(2) and 27(8) and SOLAS II-1/3-3)	-

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
38	UI LL35	Deleted	Jun 2021	Stowage of timber deck cargo on ships having timber freeboards assigned (Regulations 44 and 45)	-
39	UI SC64	Rev.2	Jun 2021	Fire dampers in ventilation ducts	01 Jul 22
40	UI SC146	Rev.2	Jun 2021	Fire hose couplings and nozzles	01 Jul 22
41	UI SC295	New	Jul 2021	Interpretation of performance standards for float-free emergency position-indicating radio beacons (EPIRBs) operating on 406 MHz (resolution MSC.471(101))	01 Jul 22
42	UI SC126	Corr.1	Aug 2021	Fire protection materials for cargo ships (SOLAS regulations II-2/4.4.4, 5.3, 6.2.1 and 6.3.1)	-
43	UI SC170	Deleted	Aug 2021	Low pressure CO ₂ systems	01 Jul 22
44	UI SC213	Rev.5	Sep 2021	Arrangements for remotely located survival craft	01 Jan 23
45	UI SC154	Corr.1	Sep 2021	Provision of detailed information on specific cargo hold flooding scenarios (SOLAS XII/9.3)	-
46	UI SC159	Corr.1	Sep 2021	Equivalent protection SOLAS II-2/10.7.2	-
47	UI SC167	Rev.1 Corr.1	Nov 2021	Electrical distribution boards	-
48	UI SC169	Rev.1	Nov 2021	Foam systems positions of aft monitors	01 Jan 23
49	UI HSC1	Deleted	Nov 2021	Cupboards as part of the space	01 Jul 22
50	UI HSC2	Deleted	Nov 2021	Classification of stairways	01 Jul 22
51	UI HSC3	Deleted	Nov 2021	Public spaces extending over two decks	01 Jul 22
52	UI HSC4	Deleted	Nov 2021	Ventilation grille in toilet entrance door	01 Jul 22
53	UI HSC6	Rev.1	Nov 2021	Protection of propeller shafts	01 Jul 22
54	UI LL15	Rev.4	Nov 2021	Length of superstructure (Regulation 34(1) and 34(2))	01 Jan 22
55	UI LL55	Rev.1 Corr.1	Dec 2021	Least moulded depth for a ship with a rake of keel (Regulation 3(1))	-
56	UI LL77	New Corr.1	Dec 2021	Application of load line requirements to conversions of single-hull oil tankers to double-hull oil tankers or bulk carriers	-

1. UI SC63 (Del Jan 2021)

This UI was deleted as the content of this UI has been consolidated into FSS Code, Ch. 5.2.1.3.2, amended by Resolution MSC.206(81), adopted on 18 May 2006.

2. UI SC156 (Rev.2 Jan 2021)

UI SC156 pertains to doors located in the way of internal watertight subdivision boundaries and the external watertight boundaries necessary to ensure compliance with the relevant subdivision and damage stability regulations. This revision provides consequential modifications coming from the amendments to the IMO circular MSC.1/Circ.1572 which is the IMO version of the Unified Interpretation.

3. UI SC11 (Rev.1 Feb 2021)

UI SC11 provides interpretation for Regulation 45.5.3 of SOLAS Chapter II-1 as amended by IMO resolutions up to MSC.436(99) on precautions against shock, fire and other hazards of electrical origin. This revision has been updated to unify the way to refer to external instruments. The reference to regulations to SOLAS Chapter II-2 has also been corrected.

4. UI GC32 (New Feb 2021)

UI GC32 provides a Unified Interpretation of the wording “design pressure of the outer pipe or duct” in paragraphs 5.4.4 of the IGC Code and of the wording “maximum pressure at gas pipe rupture” in paragraph 5.13.2.4 of the IGC Code.

5. UI GC33 (New Feb 2021)

UI GC33 provides a Unified Interpretation on the scope of application of the requirements in paragraphs 5.6.5 and 18.9 of the IGC Code.

6. UI GC34 (New Feb 2021)

UI GC34 provides a Unified Interpretation of the requirement on cargo filters in paragraph 5.6.6 of the IGC Code.

7. UI GC35 (New Feb 2021)

UI GC35 provides a Unified Interpretation of Table 18.1, Note 4 and paragraph 13.3.7 of the IGC Code on the need of a hardware system such as an electric or mechanical interlocking device is to be provided to prevent inadvertent operation of cargo pumps and inadvertent opening of manifold ESD valves.

8. UI GC36 (New Feb 2021)

UI GC36 provides a Unified Interpretation on the cases where oxygen deficiency monitoring is required in paragraph 13.6.4 of the IGC Code.

9. UI GC37 (New Feb 2021)

UI GC37 provides a Unified Interpretation of the Code requirements in paragraph 16.7.1.4 to clarify a criterion on the need to provide a suitable pressure relief system for air inlet, scavenge spaces, exhaust system, and crank case.

10. UI SC57 (Rev.2 Feb 2021)

UI SC57 provides interpretation of Regulations 4.5.3.4.1.3 and 4.5.3.4.1.4 of SOLAS Chapter II-2 on enclosed spaces containing a source of ignition. This revision has been updated to unify the way to refer to external instruments.

11. UI SC70 (Rev.4 Feb 2021)

UI SC70 provides interpretation of Regulations 11.6.2.2 and 4.5.4.3.1 of SOLAS Chapter II-2 on openings for small flow by thermal variations. This revision has been updated to unify the way to refer to external instruments.

12. UI SC79 (Rev.5 Feb 2021)

UI SC79 provides interpretation for Regulation 19.3.2 of SOLAS Chapter II-2 on certified safe type electrical equipment for ships carrying dangerous goods. This revision has been updated to unify the way to refer to external instruments.

13. UI SC179 (Rev.3 Feb 2021)

UI SC179 provides interpretation for Regulation 13.1 of SOLAS Chapter XII on draining and pumping of forward spaces of bulk carriers. This revision has been updated to unify the way to refer to external instruments.

14. UI SC180 (Rev.4 Feb 2021)

UI SC180 provides interpretation for Regulation 25 of SOLAS Chapter II-1 on water level detectors and performance standards for water level detectors on bulk carriers and single hold cargo ships other than bulk carriers. This revision has been updated to unify the way to refer to external instruments.

15. UI SC194 (Rev.1 Feb 2021)

UI SC194 provides interpretation of Regulation 17 of SOLAS Chapter V on installation of electrical and electronic appliances on the bridge and vicinity of the bridge. This revision has been updated to unify the way to refer to external instruments.

16. UI SC274 (Rev.1 Feb 2021)

UI SC274 provides interpretation of SOLAS regulation II-1/45.11 to clarify that prescriptive requirements in SOLAS and related Codes take precedence and are to be applied if discrepancies are found with other requirements including those published by IEC. This revision has been updated to unify the way to refer to external instruments and clarify that the revision applies to new ships only.

17. UI SC1 (Rev.2 Feb 2021)

UI SC1 provides interpretation of SOLAS Regulation 41.1.3 on arrangements of a ship's main source of electrical power. This revision has been updated to unify the way to refer to external instruments.

18. UI SC10 (Rev.3 Feb 2021)

UI SC10 provides interpretation of Regulation 45.5.2 of SOLAS Chapter II-1 to clarify how the regulations may be achieved. This revision has been updated to unify the way to refer to external instruments.

19. UI SC42 (Rev.3 Feb 2021)

UI SC42 provides interpretation of Regulation 20.3.2.2 of SOLAS Chapter II-2 to clarify related IEC requirements that can be used to satisfy the SOLAS requirement to prevent the escape of sparks. This revision has been updated to unify the way to refer to external instruments.

20. UI SC43 (Rev.3 Feb 2021)

UI SC43 provides interpretation on definition of Regulations 20.3.2.1 and 20.3.3 of SOLAS Chapter II-2 to clarify that safe equipment to be certified shall meet the relevant IEC requirements. This revision has updated the references to SOLAS.

21. UI SC147 (Rev.2 Feb 2021)

UI SC147 provides clarity to the requirement of watertight door closure in case of fire detection for FSS Code Ch9. This revision aims at clarifying closing requirements for watertight doors also serving as fire doors.

22. UI SC93 (Rev.2 Feb 2021)

UI SC93 provides interpretation of SOLAS Chapter II-1 Regulation 12.11 on enclosure of stern tubes on cargo ships. This revision has updated the references reflecting that Chapter II-1 of SOLAS has been amended by MSC.421(98) and adopted on 15 June 2017.

23. UI LL65 (Rev.3 Feb 2021)

UI LL65 pertains to ships intended to carry deck cargo and assigned or reassigned reduced freeboards in accordance with Regulation 27 of the International Convention on Load Lines. Changes have been made in this revision as the text of SOLAS Chapter II-1 Regulation 4 has been amended by IMO Resolution MSC.421(98) and footnotes.6 and .7 in SOLAS II-1/4 have been included directly in the text of Regulation 4.

24. UI GC28 (Corr.1 Feb 2021)

UI GC28 provides interpretation of the second sentence of paragraph 8.1 of the IMO IGC Code to offer guidance for sizing pressure relief systems for interbarrier spaces. The Corr.1 to Rev.1 has changed the implementation date from 1 January 2020 to 1 January 2021.

25. UI SC225 (Corr.1 Mar 2021)

UI SC225 provides interpretation of the occupied volume by flooded water of a flooded space in Reg.2(14) of SOLAS Chapter II-1. This revision has been updated to refer to the associated IMO Circular.

26. UI SC61 (Del Mar 2021)

UI SC61 was deleted as most of the contents have been included in a mandatory IMO instrument (the FSS Code).

27. UI HSC5 (Del Mar 2021)

UI HSC5 was deleted as the content of this UI has already been incorporated in the amendments to the 2000 HSC Code.

28. UI SC87 (Rev.2 Mar 2021)

UI SC87 provides the interpretation of requirements to SOLAS Regs. II-2/19.3 and 19.4 relating to certification for carriage of solid dangerous bulk cargoes. It has been revised to refer to the IMSBC Code rather than the BC Code.

29. UI SC197 (Rev.2 Mar 2021)

UI SC197 provides clarity regarding the exemption from the requirements of Reg. II-2/10.7.1.3. and Reg. II-2/10.7.2., as provisioned by SOLAS regulation II-2/10.7.1.4. The UI highlights that the materials stated in Paragraph 1 (Non-combustible materials) of Annex 2 to the 2010 FTP Code need not be mentioned on the exemption certificates issued under this regulation. This revision updates the SOLAS text and the reference to the FTP Code.

30. UI SC128 (Del Apr 2021)

UI SC128 was deleted as respective requirements had been deleted from SOLAS Chapter II-2 and re-introduced in FSS Code Chapter 5. The FSS Code requirements have included a requirement to perform system flow calculations therefore the UI could be deleted.

31. UI FTP3 (Rev.3 Apr 2021)

UI FTP3 provides interpretation of FTP Code sub-section 5.3 and Annex 1, Part 3 on Test for “A”, “B”, and “F” class divisions. This revision has been updated to further harmonise with MSC.1/Circ.1319.

32. UI LL8 (Rev.2 Apr 2021)

UI LL8 provides interpretation of requirements of miscellaneous openings in freeboard and superstructure decks for Regulation 18(2) and 18(3) of the International Convention on Load Lines. This revision has updated the application statements to clarify the relevance to the amended 1988 Protocol.

33. UI SC161 (Rev.2 Apr 2021)

UI SC161 provides interpretation of SOLAS Regulation II-1/5-1 on stability requirements of timber deck cargo in the context of damage. This revision has been updated to consider the new TDC code (Resolution A.1048(27)) and SOLAS amendments (Resolution MSC.421(98)).

34. UI SC49 (Rev.3 May 2021)

UI SC49 provides a Unified Interpretation of the requirements of SOLAS Regulation II-2/10.7.2. This revision updates the SOLAS text being interpreted by the UI in line with the latest SOLAS amended texts.

35. UI SC85 (Rev.2 May 2021)

UI SC85 provides clarity to the definitions of ro-ro spaces in SOLAS regulation II-2/19.2.2.3. This revision has been updated to utilise the new format and corrects the SOLAS references.

36. UI MPC11 (Corr.1 Jun 2021)

UI MPC11 provides interpretation to MARPOL I/27. The Corr.1 to Rev.2 has been updated to align with MEPC.1/Circ.867.

37. UI LL50 (Rev.6 Jun 2021)

UI LL50 provides interpretation to Regulation 25(4), 26(2) and 27(7) of the ICLL 1966, Regulation 25(4), 26(2) and 27(8) of the Protocol 1988 as well as Regulation II-1/3-3 of SOLAS on protection measures of crew. This revision has been updated to clarify the application of the Resolution to each of the existing versions of the ICLL.

38. UI LL35 (Del Jun 2021)

UI LL35 was deleted and converted into Recommendation 168.

39. UI SC64 (Rev.2 Jun 2021)

UI SC64 provides clarification of SOLAS II-2/9.7.3.1. This revision has been updated to reflect amendments to SOLAS which were introduced by Resolution MSC.365(93).

40. UI SC146 (Rev.2 Jun 2021)

UI SC146 provides interpretation of SOLAS chapter II-2 regulation 10.2.3 on fire hose couplings and nozzles. This revision has been updated to delete irrelevant wording in SOLAS regulation II-2/10.2.3.

41. UI SC295 (New Jul 2021)

UI SC295 provides clarity to the phrase “installed on or after” in paragraph 2 of resolution MSC.471(101).

42. UI SC126 (Corr.1 Aug 2021)

UI SC126 provides a Unified Interpretation of the requirements of SOLAS Regulations II-2/4.4.4, 5-3, 6.2.1 and 6.3.1. Corr.1 to Rev.2 has been updated to correct a reference to SOLAS requirement.

43. UI SC170 (Del Aug 2021)

UI SC170 was deleted as the requirements have been included in the FSS Code and in IACS UR F46.

44. UI SC213 (Rev.5 Sep 2021)

UI SC213 provides interpretation of SOLAS Regulations III/31.1.4, III/7.2.1.4, III/11.4, III/11.7, III/13.1.3, III/16.7 and LSA Code paragraph 4.1.3.2 on arrangements for remotely located survival craft. This revision has been updated to align with MSC.1/Circ.1490/Rev.1.

45. UI SC154 (Corr.1 Sep 2021)

UI SC154 provides interpretation of Regulation 9.3 of SOLAS chapter XII on the provision of detailed information on specific cargo hold flooding scenarios. Corr.1 to New has updated the references to related SOLAS requirements.

46. UI SC159 (Corr.1 Sep 2021)

UI SC159 provides interpretation of Regulation 10.7.2 of SOLAS Chapter II-2 on equivalent protection for a ship engaged in the carriage of dangerous goods in any cargo spaces. The Corr.1 to Rev.1 has been updated to correct references to IMO documents. Other editorial amendments have been made to include the text of the SOLAS Regulation being interpreted.

47. UI SC167 (Corr.1 Nov 2021)

UI SC167 provides interpretation of SOLAS chapter II-2 Regulations 9.2.2.3.2.2(7), 9.2.2.4.2.2(5), 9.2.3.3.2.2(5) and 9.2.4.2.2.2(5) on electrical distribution boards. The Corr.1 to Rev.1 has been updated to correct a reference to SOLAS.

48. UI SC169 (Rev.1 Nov 2021)

UI SC169 provides interpretation of SOLAS chapter II-2 Regulation 10.8 on fixed deck foam fire-extinguishing systems. The revision has been updated to align it with the latest amended IMO regulation.

49. UI HSC1 (Del Nov 2021)

UI HSC1 was deleted with implementation set for 1 July 2022 as it has been included in 2000 HSC Code.

50. UI HSC2 (Del Nov 2021)

UI HSC2 was deleted with implementation set for 1 July 2022 as it has been included in 2000 HSC Code.

51. UI HSC3 (Del Nov 2021)

UI HSC3 was deleted with implementation set for 1 July 2022 as it has been included in 2000 HSC Code.

52. UI HSC4 (Del Nov 2021)

UI HSC4 was deleted with implementation set for 1 July 2022 as it has been included in 2000 HSC Code.

53. UI HSC6 (Rev.1 Nov 2021)

UI HSC6 provides interpretation of paragraph 9.8 of the High Speed Craft Code 2000, Chapter 9, part B, Section 8, on the means for return to a port of refuge for category B craft. This revision has been updated to include a correct reference to the 2000 HSC Code.

54. UI LL15 (Rev.4 Nov 2021)

UI LL15 provides interpretation of the 1966 International Convention on Load Lines, Regulations 34(1) and 34(2) and the 1988 Protocol relating to the 1966 International Convention on Load Lines on length of superstructure. This revision has been revised to distinguish applicability of parts of the UI to different ICLL amendments.

55. UI LL55 (Corr.1 Dec 2021)

UI LL55 provides interpretation of paragraph 3(1) of the International Convention on Load Lines on moulded depth for a ship with a rake of keel. The Corr.1 to Rev.1 has been revised to reinstate a missed diagram.

56. UI LL77 (Corr.1 Dec 2021)

UI LL77 clarifies the application of load line regulations to conversions following discussions held in IACS and at IMO. The Corr.1 to New has been updated to correct the reference to circular 1247 from MSC-MEPC.1/Circ.1247 to MSC.1/Circ.1247.
