

Appendix I

Summaries of IACS Resolutions published in 2020

Summary of New/Revisions to IACS Unified Requirements published in 2020

■ New
 ■ Revised
 ■ Corrigenda
 ■ Deleted/Withdrawn

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
■ 1	UR S33	Rev.3	Feb 2020	Requirements for Use of Extremely Thick Steel Plates in Container Ships	01 Jul 21
■ 2	UR M79	Rev.1	Feb 2020	Towing Winch Emergency Release Systems	01 Jul 21
■ 3	UR Z18	Rev.9	Apr 2020	Survey of Machinery	01 Jul 21
■ 4	UR W33	Rev.1	May 2020	Non-destructive Testing of Ship Hull Steel Welds	01 Jul 21
■ 5	UR F7	Rev.3	Jun 2020	Portable Instruments for Measuring Oxygen and Flammable Vapour Concentrations	01 Jul 21
■ 6	UR L5	Rev.4	Jun 2020	Computer Software for Onboard Stability Calculations	01 Jul 21
■ 7	UR W24	Rev.4	Jul 2020	Cast Copper Alloy Propellers	01 Jul 21
■ 8	UR W27	Rev.2	Jul 2020	Cast Steel Propellers	01 Jul 21
■ 9	UR Z1	Rev.8	Jul 2020	Annual and Intermediate Classification Survey Coverage of IMO Resolution A.1140(31)	-
■ 10	UR W32	Rev.1	Sep 2020	Qualification Scheme for Welders of Hull Structural Steels	01 Jan 22
■ 11	UR A1	Rev.7	Sep 2020	Anchoring Equipment	01 Jan 22
■ 12	UR A2	Rev.5	Sep 2020	Shipboard Fittings and Supporting Hull Structures Associated with Towing and Mooring on Conventional Ships	01 Jan 22
■ 13	UR W27	Corr.1	Sep 2020	Cast Steel Propellers	-
■ 14	UR Z17	Rev.15	Oct 2020	Procedural Requirements for Service Suppliers	01 Jul 21
■ 15	UR Z23	Rev.7	Oct 2020	Hull Survey for New Construction	01 Jul 21
■ 16	UR Z28	New	Oct 2020	Surveys of Watertight Cable Transits	01 Jul 21
■ 17	UR F7	Corr.1	Nov 2020	Portable Instruments for Measuring Oxygen and Flammable Vapour Concentrations	01 Jul 21
■ 18	UR Z7	Corr.1	Dec 2020	Hull Classification Surveys	-
■ 19	UR S11	Rev.10	Dec 2020	Longitudinal Strength Standard	01 Jan 22
■ 20	UR E12	Rev.2	Dec 2020	Electrical Equipment Allowed in Paint Stores and in the Enclosed Spaces Leading to Paint Stores	01 Jan 22
■ 21	UR E13	Rev.3	Dec 2020	Test Requirements for Rotating Machines	01 Jan 22

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
22	UR E15	Rev.4	Dec 2020	Electrical Services Required to be Operable Under Fire Conditions and Fire-Resistant Cables	01 Jan 22
23	UR M77	Rev.2	Dec 2020	Storage and Use of SCR Deductants	01 Jan 22

1. UR S33 (Rev.3 Feb 2020)

UR S33 provides the requirements for the use of extremely thick steel plates in container ships and also provides measures for the prevention of brittle fracture. This revision included changes due to the adoption of the new UR W33 and the deletion of Recommendation 20.

2. UR M79 (Rev.1 Feb 2020)

UR M79 defines minimum safety standards for winch emergency release systems provided on towing winches that are used in the handling of ships within close quarters, ports or terminals. This revision has added clarification on the applicability of the UR and modified the previous text defining the term “girting”.

3. UR Z18 (Rev.9 Apr 2020)

UR Z18 deals with the periodical surveys of machinery. It stipulates the requirements for special surveys, annual surveys and continuous surveys. This revision included the annual and special survey requirements of the towing winch emergency release systems subject to IACS UR M79.

4. UR W33 (Rev.1 May 2020)

UR W33 contains 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. This revision introduced the terms and definitions used in other IACS URs.

5 & 17. UR F7 (Rev.3 June 2020) (Corr.1 Nov 2020)

UR F7 stipulates the requirements of portable instruments for measuring oxygen and flammable vapour concentrations. This revision was adopted to distinguish between portable gas detectors capable of measuring flammable vapour concentrations in air and capable of flammable vapour concentrations in inerted atmosphere, and incorporated the content of UI SC149. A corrigendum was issued to correct the application statement.

6. UR L5 (Rev.4 June 2020)

UR L5 is applicable to software which calculates the stability of actual loading conditions which is installed on ships and on units subject to compliance with the 1966 Load Line Convention or the 1988 Protocol to the Load Line Convention, as amended, the IMO MODU Code and/or the 2008 IS Code. This revision clarified that both sides of the ship are to be modelled in a Type 3 software.

Summary of New/Revisions to IACS Unified Requirements published in 2020

7. UR W24 (Rev.4 July 2020)

UR W24 is applicable to the manufacture, inspection and repair procedures of cast copper alloy propellers, blades and bosses. In this revision, requirements for NDT were updated in harmonisation with UR W27 and requirements for welding procedure qualification tests for repairs were updated.

8 & 13. UR W27 (Rev.2 July 2020) (Corr.1 Sep 2020)

UR W27 is applicable to the manufacture, inspection and repair procedures of cast steel propellers, blades and bosses. In this revision, requirements for NDT were updated in harmonisation with UR W24 and requirements for welding procedure qualification tests for repairs were updated. A corrigendum was issued to correct the application statement.

9. UR Z1 (Rev.8 July 2020)

UR Z1 identifies the annual and intermediate survey requirements of HSSC guidelines, which are to be covered by classification surveys. This revision updated survey items following the publication of IMO Res.A.1140(31).

10. UR W32 (Rev.1 Sep 2020)

UR W32 gives requirements for a qualification scheme for welders intended to be engaged in the fusion welding of steels as specified in UR W7, W8, W11 and W31 for hull structures. This revision was issued to address the concern raised by a shipyards' association on the revalidation of qualification for welders. Existing qualifications are to be renewed, in accordance with this revision, when they become due.

11. UR A1 (Rev.7 Sep 2020)

UR A1 gives the minimum requirements for the anchoring equipment intended for the temporary mooring of a ship within a harbour or sheltered area. This revision introduced a correction in the Equipment Number calculation and introduced the net thickness approach for the calculation of the hull supporting structure of anchor, windlass and chain stoppers.

12. UR A2 (Rev.5 Sep 2020)

UR A2 gives the minimum requirements for shipboard fittings and supporting hull structures associated with normal towing and mooring operations on conventional ships. This revision clarified the projected area and introduced the guidance of meshing size for strength assessment by means of FEA.

14. UR Z17 (Rev.15 Oct 2020)

UR Z17 sets minimum requirements for approval and certification of service suppliers and is applicable to both initial and renewal audits. This revision introduced the requirements for approval of firms engaged in cable transit seal systems inspection and updated sections 5.2.9 and 5.5.3 clarifying the approval of subcontractors.

15. UR Z23 (Rev.7 Oct 2020)

UR Z23 covers the requirements for survey of new construction of steel ships intended for classification and for international voyages. This revision provides the requirements for the Cable Transit Seal Systems Register, the procedure for the use of fabrication standard, NDT replaced with NDE and changes related to deletion of Rec 20 and adoption of UR W33.

16. UR Z28 (New Oct 2020)

UR Z28 introduces survey requirements to the watertight cable transits of all vessels and mobile offshore units contracted for construction on or after 1st July 2021, in addition to the requirements of URs Z23, Z7 and Z15.

18. UR Z7 (Rev.28 Corr.1 Dec 2020)

UR Z7 provides requirements for hull classification surveys applicable to all self-propelled vessels. This corrigendum has updated a reference in para.2.2.2.

19. UR S11 (Rev.10 Dec 2020)

UR S11 provides the requirements for longitudinal strength and is applicable to steel ships of length 90 m and above. In this revision, UR S11 Annex 1 replaced Rec.97 making technical changes and clarifications keeping the application scope the same as UR S11, i.e. excluding CSR BC&OT vessels and container ships.

20. UR E12 (Rev.2 Dec 2020)

UR E12 provides the requirements for electrical equipment in paint stores and in the enclosed spaces leading to paint stores. In this revision, references to industry standards were updated.

21. UR E13 (Rev.3 Dec 2020)

UR E13 provides the test requirements for rotating machinery. All tests are to be carried out according to IEC 60092-301:1980/AMD2:1995 and records are to be provided for machines for essential services. In this revision, references to industry standards were updated.

22. UR E15 (Rev.4 Dec 2020)

UR E15 provides the requirements for electrical services required to be operable under fire conditions and fire-resistant cables. In this revision, references to industry standards were updated.

23. UR M77 (Rev.2 Dec 2020)

UR M77 provides the requirements for storage and use of SCR reductants which are typically carried on board in bulk quantities. In this revision, references to industry standards were updated.

Summary of New/Revisions to IACS Unified Interpretations published in 2020

■ New
 ■ Revised
 ■ Corrigenda
 ■ Deleted/Withdrawn

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
■ 1	UI SC242	Rev.2	Jan 2020	Arrangements for Steering Capability and Function on Ships Fitted with Propulsion and Steering Systems other than Traditional Arrangements for a Ship's Directional Control	01 Jul 20
■ 2	UI MPC32	Rev.1	Jan 2020	Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines (NOx Technical Code 2008, Chapter 1, Paragraph 1.3.2.2)	01 Jul 20
■ 3	UI SC207	Corr.2	Jan 2020	SOLAS XII/5 in terms of Structural Strength of Bulk Carriers in case of Accidental Hold Flooding	-
■ 4	UI SC291	New	Jan 2020	Safe Type Requirements for Two-way Portable Radiotelephone Apparatus for Fire-fighter's Communication (SOLAS Regulation II-2/10.10.4)	01 Jul 20
■ 5	UI SC292	New	Feb 2020	Ships Intended to Operate in Low Air Temperature in Polar Waters – Survival Craft and Rescue Boat Communications Capabilities	01 Jul 20
■ 6	UI SC293	New	Feb 2020	Lifebuoy Arrangements for Means of Embarkation/ Disembarkation (SOLAS Reg. II-1/3-9 and III/7)	01 Jul 20
■ 7	UI SC294	New	Feb 2020	Fire Integrity of the Division Between Engine Room and Urea or Sodium Hydroxide Solution Tank Installation Spaces	01 Jul 20
■ 8	UI GC30	New	Apr 2020	Emergency Fire Pump	01 Jan 21
■ 9	UI SC182	Del	Apr 2020	Bulk Carriers Not Complying with SOLAS XII/9 as of 1 January 2004	-
■ 10	UI GC22	Rev.1	Apr 2020	Water Spray System	01 Jan 21
■ 11	UI MPC130	Withdrawn	May 2020	NOx Technical Code 2008, Chapter 2, Paragraph 2.2.5.1	-
■ 12	UI MPC51	Withdrawn Rev.2	May 2020	Resolution 2 of the 1997 MARPOL Conference Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines	-
■ 13	UI MPC115	Corr.1	May 2020	2017 Guidelines Addressing Additional Aspects of the NOx Technical Code 2008 with regard to Particular Requirements related to Marine Diesel Engines Fitted with Selective Catalytic Reduction (SCR) Systems	-
■ 14	UI GC31	New	Jun 2020	Discharge Test of Dry Chemical Powder Fire-extinguishing Systems	01 Jan 21
■ 15	UI MPC101	Rev.1	Jul 2020	Supplement to the International Air Pollution Prevention (IAPP) Certificate – Section 2.3	01 Mar 20
■ 16	UI MPC20	Corr.1	Jul 2020	Annex VI of MARPOL 73/78 Regulation 13.2.1.1 and 13.2.2	-
■ 17	UI MPC99	Del	Jul 2020	Oil Residue (sludge) Tank Discharge Connections to the Bilge System, Oily Bilge Water Holding Tank(s), Tank Top or Oily Water Separators (MARPOL 73/78 Annex I Regulation 12.3)	-
■ 18	UI MPC101	Corr.1	Sep 2020	Supplement to the International Air Pollution Prevention (IAPP) Certificate – Section 2.3	-

Index	Resolution no.	Revision	Adoption	Title	Implementation Date
19	UI SC117	Del	Sep 2020	Fire Detection system with Remotely and Individually Identifiable Detectors	-
20	UI SC91	Corr.1	Nov 2020	Personal Protection – Protective Clothing (SOLAS Reg. II-2/19.3.6.1)	-
21	UI SC137	Rev.1	Nov 2020	Definition of High-Speed Craft	-
22	UI SC17	Rev.3	Nov 2020	Definitions – Control Stations (SOLAS Reg. II-2/3.18)	-
23	UI SC86	Del	Nov 2020	Weather Decks	-
24	UI LL10	Rev.2	Nov 2020	Air Pipes (Regulation 20)	-
25	UI FTP1	Del	Dec 2020	Adhesives Used in A or B Class Divisions	-
26	UI SC34	Del	Dec 2020	Automatic Sprinkler, Fire Detection and Fire Alarm System	-
27	UI SC62	Rev.2	Dec 2020	Inert Gas Systems	01 Jan 22
28	UI SC125	Rev.3	Dec 2020	B and C Class Divisions	-

1. UI SC242 (Rev.2 Jan 2020)

UI SC242 gives the interpretation of arrangements for steering capability and function on ships fitted with propulsion and steering systems that are not traditional arrangements for a ship's directional control (SOLAS Chapter II-1, Regulations 29.1, 29.2.1, 29.3, 29.4, 29.6.1, 29.14, 28.3 and 30.2). This revision reflects the content of MSC.1/Circ.1416/Rev.1.

2. UI MPC32 (Rev.1 Jan 2020)

UI MPC32 provides unified interpretation for "increase of emission characteristics" according to regulation 1.3.2.2 of the NOx Technical Code 2008. This revision updates the text and references in line with revised NOx Technical Code.

3. UI SC207 (Corr.2 Jan 2020)

UI SC207 provides interpretation for SOLAS XII/5 in terms of structural strength of bulk carriers in case of accidental hold flooding. This corrigendum provides editorial correction for the references made to IACS URs.

4. UI SC291 (New Jan 2020)

UI SC291 provides clarity on the requirements of SOLAS Regulation II-2/10.10.4 regarding mitigation of the explosion hazard with respect to two-way portable radiotelephone apparatus for fire-fighter communication during emergencies.

5. UI SC292 (New Feb 2020)

UI SC292 provides interpretation of requirements for survival craft and rescue boat communications capabilities for ships intended to operate in the low air temperatures in Polar waters stipulated in Polar Code (Res. MSC.385(94)), including those regarding the provision of mandatory communication equipment and the ability of that to function. The UI also provides interpretation for the vague expressions in paragraphs 10.2.2.1 and 10.2.2.2, 10.2.2.3, 10.3.2.3 of part I-A of the Code.

Summary of New/Revisions to IACS Unified Interpretations published in 2020

6. UI SC293 (New Feb 2020)

UI SC293 provides interpretations on lifebuoy arrangements for means of embarkation/disembarkation (SOLAS Regulations III/7/1/3 and II-1/3-9 and MSC.1/Circ. 1331)

7. UI SC294 (New Feb 2020)

UI SC294 provides an interpretation of SOLAS Reg. II-2/3.30, 9.2.2.3.2.2, 9.2.2.4.2.2, 9.2.3.3.2.2 and 9.2.4.2.2.2 in order to clarify the required fire integrity of bulkheads and decks between the engine room and urea or sodium hydroxide solution tank installation spaces for the application of SOLAS II-2 Reg.9.

8. UI GC30 (New Apr 2020)

UI GC30 clarifies the requirement for determining the capacity of the emergency fire pump in accordance with the revised IGC Code (MSC.370(93)) when water spray, hydrants and foam system are fitted.

9. UI SC182 (Del Apr 2020)

UI SC182 is deleted since all the related vessels have been in compliance with SOLAS regulation XII/Reg.9 since 1st July 2006.

10. UI GC22 (Rev.1 Apr 2020)

UI GC22 provides interpretation for paragraphs 11.3.1 & 11.3.3 of the new IGF Code (MSC.370(93)). This revision aligned UI GC22 with the text agreed at CCC 6.

11. UI MPC130 (Withdrawn May 2020)

UI MPC130 (New Nov 2019) adopted on 9 November 2019 was withdrawn on 5 May 2020 prior to coming into force on 1 July 2020.

12. UI MPC51 (Rev.2 was withdrawn in May 2020)

UI MPC51 provides interpretation on how test cycles are to be applied for verification of compliance with the applicable NOx emission limits contained in regulation 13 of MARPOL Annex VI and the provisions of the NOx Technical Code 2008. Rev.2 was withdrawn before coming into force and the original UI continues to be in force.

13. UI MPC115 (Corr.1 May 2020)

UI MPC115 provides interpretation of terms contained in MEPC.291(71), Paragraph 3.2.11. This corrigendum was issued for compatibility of this UI with UI MPC112(Rev.1) for the provisions applied to the NOx measurement device.

14. UI GC31 (New June 2020)

UI GC31 provides clarification on the requirements of onboard discharge testing of dry chemical powder fire-extinguishing systems, as outlined under paragraph 11.4.8 of IGC Code.

15 & 18. UI MPC101 (Rev.1 July 2020) (Corr.1 Sep 2020)

UI MPC101 provides reasonable means to complete Section 2.3 of the Supplement to the IAPP Certificate without doing so repetitively each time the entry into force date for the new fuel oil sulphur limit requirement occurs. This revision aligns the UI with Resolution MEPC.305(73). The Corrigendum was issued to align the UI with paragraph 3.2 of MSC/MEPC.5-Circ.6.

16. UI MPC20 (Corr.1 July 2020)

UI MPC116 provides interpretation for “major conversion” in the regulations 13.2.1.1 and 13.2.2 of Annex VI of MARPOL 73/78. This corrigendum was issued to reflect the term “time of the replacement or addition” with respect to major conversion in MPC 98.

17. UI MPC99 (Del July 2020)

UI MPC99 has been deleted, since the content is now covered by the following:

- a) amended text of Reg.12.3 of MARPOL Annex I (amended vide MEPC.266(68)) and
- b) new unified interpretation 20(UI 20) “No discharge connection” in MARPOL Annex I, providing interpretation of Reg.12.3.3 (approved at MEPC 70 vide MEPC.1/Circ.867).

19. UI SC117 (Del Sep 2020)

UI SC117 was deleted as the interpretation had already been incorporated in the amendment to the FSS Code (MSC.311(88)) .

20. UI SC91 (Corr.1 Nov 2020)

UI SC91 provides interpretation of requirements to SOLAS Ch-II-2/19.3.6.1 regulation. This corrigendum updates the cross-reference of BC code to IMSBC Code.

21. UI SC137 (Rev.1 Nov 2020)

UI SC137 provides interpretation of the definition of High-Speed Craft for the application of the ISM (International Safety Management) Code. This revision references SOLAS.

22. UI SC17 (Rev.3 Nov 2020)

UI SC17 provides explanations to the term “Control Stations” defined in SOLAS Reg.II-2/3.18. This revision updates the text to make the language mandatory.

23. UI SC86 (Del Nov 2020)

UI SC86 was deleted as “Weather Decks” has been now defined in SOLAS Reg.II-2/3.50.

24. UI LL10 (Rev.2 Nov 2020)

UI LL10 provides interpretation of requirements to regulation 20 of ILLC. This revision has updated the footnote to clarify the interpretation is applicable for both versions of the ILLC i.e. 1966 and 1988 protocol.

25. UI FTP1 (Del Dec 2020)

UI FTP1 was deleted in light of para 3.2.4.2 of the fire test procedures specified in appendix 1 of the revised FTP Code (MSC.307(88)).

26. UI SC34 (Del Dec 2020)

UI SC34 was deleted as definition of “nominal area” has since been specified in FSS/8, 2.5.2.3 as per MSC.339(91).

27. UI SC62 (Rev.2 Dec 2020)

UI SC62 provides interpretation for paragraphs 2.2.3.2.7 and 2.2.3.2.8 of Chapter 15 of the Fire Safety Systems Code. In this revision, references to the FSS Code were corrected.

28. UI SC125 (Rev.3 Dec 2020)

UI SC125 provides the conditions for accepting non-combustible core and combustible veneers as a B or C class division. This revision updates the references to SOLAS.
