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Item 8 (b) of the provisional agenda

**Standardization of technical and safety requirements in inland navigation:
Recommendations on Harmonized Europe-Wide Technical Requirements
for Inland Navigation Vessels (Resolution No. 61, revised)**

Annex to Resolution No. 61, revised: proposal for amending Chapter 23, Appendix 2, paragraph 1.1.7 and a new Chapter 24

Note by the secretariat

I. Mandate

1. This document is submitted in line with cluster 5: Inland Waterway Transport, paragraph 5.1 of the programme of work 2014–2015 (ECE/TRANS/2014/23) adopted by the Inland Transport Committee on 27 February 2014.
2. The present document contains proposals for amending the Annex to Resolution No. 61, revised, “Recommendations on Harmonized Europe-Wide Technical Requirements for Inland Navigation Vessels” (ECE/TRANS/SC.3/172/Rev.1 and Amends. 1 and 2), prepared by the Group of Volunteers on Resolution No. 61 at its ninth meeting (Geneva, 11–13 May 2015):
 - (a) amendments to Chapter 23, Crews;
 - (b) amendments to Appendix 2, Model ship’s certificate;
 - (c) amendment to paragraph 1–1.7;
 - (d) a draft of a new Chapter 24, Transitional and final provisions.
3. The secretariat recalls that the Group of Volunteers on Resolution No. 61 proposed to consider draft amendments to Chapter 23 in conjunction with possible elaboration of a new document containing requirements for manning which are deleted.
4. The Working Party on Inland Water Transport may wish to invite UNECE member States and River Commissions to give their comments to the presented proposals.

Annex I

Draft amendments to Chapter 23, Crews

“Chapter 23

CREWS

23-1 GENERAL

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23-2 CREW MEMBERS

(Left void)

23-3 CREW MEMBERS - PHYSICAL FITNESS

(Left void)

23-4 PROOF OF QUALIFICATIONS - SERVICE RECORD

(Left void)

23-5 OPERATING MODES

(Left void)

23-6 MANDATORY REST PERIOD

(Left void)

23-7 CHANGE OR REPETITION OF OPERATING MODE

(Left void)

23-8 SHIP'S LOG, TACHOGRAPH

(Left void)

23-9 EQUIPMENT OF VESSELS

23-9.1 **For motor vessels, pushers, pushed convoys and passenger vessels, compliance with, or failure to comply with, the provisions of¹ paragraphs 23-9.1.1 or 23-9.1.2 shall be entered in item 47 of the Ship certificate by the Administration.**

23-9.1.1 **Standard S1**

(i) The propulsion equipment shall be so arranged as to enable the speed to be changed and the direction of propulsion reversed from the vessel's steering station.

It shall be possible to start and stop the auxiliary machinery required to operate the vessel from the steering station, unless they function automatically or continuously during each voyage.

(ii) The critical levels of:

- The temperature of the water for cooling the main engines,
- The oil pressure of the main engines and transmission gear,

¹ In Annex I, the text in bold is taken from Directive 2006/87/EU as amended, Article 23.09.

- The oil and air pressure of the devices for reversing the main engines, the reversible transmission gear or the propellers, and
- The filling level of the engine room hold,

shall be indicated by devices which set off sound and visual alarms in the wheelhouse. The sound alarms may be contained in a single sound apparatus and can be stopped once the breakdown has been noted. The visual alarms shall be extinguished only when the relevant problems they indicate have been eliminated.

- (iii) The fuel feed and the cooling of the main engines shall be automatic.
- (iv) It shall be possible for one person to man the helm without special effort even at the maximum authorized draught.
- (v) It shall be possible to initiate the visual and sound signals prescribed by the European Code for Inland Waterways (CEVNI) for vessels under way from the steering station.
- (vi) If direct communication between the steering station and the bow of the vessel, the stern of the vessel, the crew accommodation and the engine room is not possible, a sound link shall be provided. For the engine room, the sound link may be replaced by visual and sound signals.
- (vii) The effort required to manipulate cranks and similar pivoting devices for lifting equipment shall not be more than **160 N**.
- (viii) The towing winches **entered in the Ship certificate** shall be power-driven.
- (ix) The bilge pumps and the deck swabbing pumps shall be power-driven.
- (x) The main control devices and monitoring instruments shall be arranged ergonomically.
- (xi) It shall be possible to control the equipment referred to in paragraph 6–1.1 from the steering station.

23–9.1.2 **Standard S2**

- (i) **For motor vessels operating separately:**
standard S1 and additionally equipped with a bow thruster which can be operated from the steering position;
- (ii) **For motor vessels propelling in side-by-side formation:**
standard S1 and additionally equipped with a bow thruster which can be operated from the steering position;
- (iii) **For motor vessels propelling pushed convoys made up of the motor vessel itself and a craft in front:**
standard S1 and additionally equipped with hydraulic or electrically operated coupling winches. This equipment is, however, not required if the foremost vehicle in the pushed convoy is equipped with a bow thruster which can be operated from the steering position of the pushing motor vessel;
- (iv) **For pushers propelling a pushed convoy:**
standard S1 and additionally equipped with hydraulic or electric coupling winches. This equipment is, however, not required if the

foremost craft in the pushed convoy is equipped with a bow thruster which can be operated from the steering position of the pusher;

(v) **For passenger vessels:**

standard S1 and additionally equipped with a bow thruster which can be operated from the steering position. This equipment is, however, not required if the propulsion system and steering system of the passenger vessel guarantee equal manoeuvrability.

23-10 MINIMUM CREW FOR SELF-PROPELLED CARGO VESSELS AND PUSHERS

(Left void)

23-11 MINIMUM CREW FOR PUSHED CONVOYS, SIDE-BY-SIDE FORMATIONS AND OTHER RIGID FORMATIONS

(Left void)

23-12 MINIMUM CREW FOR PASSENGER VESSELS

(Left void)

23-13 MANNING OF VESSELS WHOSE MINIMUM EQUIPMENT REFERRED TO IN SECTION 23-9 IS INCOMPLETE

(Left void)

23-14 MINIMUM CREWS FOR OTHER VESSELS

(Left void)".

Annex II

Draft amendments to Appendix 2, Model ship's certificate

46. Operating modes meeting the requirements of national or international law concerning the crew (**)			
47. Vessel equipment in accordance with 23-9.2 The vessel (complies)(*) / (doesn't comply)(*) with 23-9.1.1 (*)/23-9.1.2(*)			
Space for entering the minimum crew meeting the requirements of national or international law (**)	Space for entering the operating modes according to item 46		
48. Space for entering the minimum crew for vessels that are not covered by general minimum crew prescriptions in national or international requirements (**)			
	Space for entering the operating modes according to item 46		

Annex III

Draft amendment to paragraph 1–1.7

“1–1.7 These provisions shall apply to existing inland navigation vessels as mentioned in Chapter 24”.

Annex IV

Draft proposal for a new Chapter 24, Transitional and final provisions

“CHAPTER 24 TRANSITIONAL AND FINAL PROVISIONS²”

24-1 APPLICATION OF TRANSITIONAL PROVISIONS TO CRAFT ALREADY IN SERVICE AND VALIDITY OF PREVIOUS SHIP'S CERTIFICATES

24-1.1 The following provisions apply to craft:

- (i) for which a Ship's certificate was issued for the first time before 30 December 2008;
- (ii) which obtained another traffic licence before 30 December 2008.

24-1.2 It must be proved that those craft comply with the provisions of Chapters 1 to 17 of Resolution No. 17 of the UNECE on the date on which the Ship's certificate or the other traffic licence is issued.

24-1.3 Ship's certificates delivered before 16 March 2006 remain valid until the date of expiry indicated on the certificate.

24-2 Derogations for craft already in service

24-2.1 Without prejudice to paragraph 24-3 of this Resolution, craft which do not fully comply with the this Resolution must be adapted to comply with the provisions of that Resolution which enter into force after the first issue of their Ship's certificate or other traffic licence in accordance with the transitional provisions listed in table 1.

24-2.2 The following definitions apply in table 1:

“NRC”: The provision does not apply to craft which are already operating, unless the parts concerned are replaced or converted, i.e. the provision applies only to Newly-built craft and to the Replacement or Conversion of the parts or areas concerned. If existing parts are replaced by replacement parts using the same technology and of the same type, this does not constitute replacement (“R”) within the meaning of the transitional provisions.

“Issue or renewal of the Ship's certificate”: The provision must be complied with by the time of the issue or next renewal of the Ship's certificate after 16 March 2006.

² Draft of Chapter 24 is based on Directive 2006/87/EU as amended, Chapter 24 “Transitional and final provisions”.

Table 1

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
CHAPTER 3		
3-4.1.3	Location of collision bulkhead	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
3-4.1.5	Gastight separation	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
3-4.2.1.2, first sentence	Indicators showing whether the devices for the watertight closing of doors in the aft-peak bulkhead are open or closed	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
3-4.2.1.4	Safety equipment	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
3-4.2.1.2	Openings and locking devices	NRC, at the latest on issue or renewal of the Ship's certificate
3-6.1 ³	Anchors not protruding in fore sections of vessels	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
CHAPTER 3A		
3A-2.3	Exits from spaces classified as engine rooms as a result of this Resolution	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
3A-3	Storage of flammable liquids	NRC, at the latest on issue or renewal of the Ship's certificate
CHAPTER 4		
4-3 ⁴	Draught marks	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
CHAPTER 5		
5-1.2	Minimum speed	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
CHAPTER 6		
6-1.1	Manoeuvrability required by Chapter 5	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049

³ ECE/TRANS/SC.3/WP.3/2014/6, Part III.

⁴ ECE/TRANS/SC.3/WP.3/2014/7.

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
6-1.3	Permanent lists and ambient temperatures	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
6-1.7	Design of rudder stocks	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
6-2.1, 6.4.1	A second independent drive unit or an additional manual drive	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2026
	Duplicated pilot valves in case of hydraulic drive units	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2026
	Separated pipework for the second drive unit in case of hydraulic drive units	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2026
6-2.2	Activating the second drive unit by means of a single action	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2026
6.2.3	Manoeuvrability required by Chapter 5 ensured by the second drive unit or a manual drive	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
6-3.1	Connection of other consumers to hydraulic steering apparatus drive units	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2026
6-5.1	Wheel of manual drive not driven by powered drive unit	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
6-6.1	Two independent steering controls	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
6-6.1	Rudder-propeller, water-jet, cycloidal-propeller and bow-thruster systems	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
6-7.2 (i)	Level alarm of the hydraulic tanks and alarm of the service pressure	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2026
6-7.2 (v)	Monitoring of buffer devices	NRC, at the latest on issue or renewal of the Ship's certificate
6-8.1	Requirements for electronic equipment according to 9-2.18	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
CHAPTER 7		
7-1.1	Control of main engines and steering devices	NRC, at the latest on issue or renewal of the Ship's certificate

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
7-1.2	Control of main engines	If wheelhouses have not been designed for radar navigation by one person: NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049 if the direction of motion can be achieved directly; at the latest on issue or renewal of the Ship's certificate after 30 December 2024 for other engines
7-1.4	Minimal light transmission of glazing	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
7-2.2	Unobstructed view from the wheelhouse, except the following sections	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2049
7-3.2	Unobstructed view in the sightline of the helmsman	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
7-3.7	Shutdown of alarms	NRC, at the latest on issue or renewal of the Ship's certificate
7-3.8	Automatic switch to alternative power supply	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
7-6.4.3 ⁵	Display	If there is no wheelhouse designed for radar navigation by one person: NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
7-4.1	Radar navigation systems and rate-of-turn indicators	<p>Radar navigation systems and rate-of-turn indicators, which have been approved and installed pursuant to a member State's regulations before 31 December 2012 may continue to be installed and operated until the issue or replacement of the Ship's certificate after 31 December 2018. These systems must be entered in the Ship's certificate under number 52.</p> <p>Radar navigation systems and rate-of-turn indicators, which have been approved since 1 January 1990 pursuant to the regulations concerning the minimum requirements and test conditions for navigation radar systems for navigation on the Rhine and of the regulations concerning the minimum requirements and test conditions for rate-of-turn indicators for navigation on the Rhine may continue to be installed and operated, provided that an installation certificate that is valid in accordance with this Resolution or Resolution CCNR 1989-II-35, is available</p>

⁵ Proposal of the secretariat to replace 7-6.4.3 by 7-4.2.

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
7-5	Alarm system	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
7-7.1.1, first sentence	Movable wheelhouses	NRC, at the latest on issue or renewal of the Ship's certificate. Without automatic retraction: NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
7-7.1.1, first paragraph, second and third sentences, second paragraph	Movable wheelhouses	NRC, at the latest on issue or renewal of the Ship's certificate
CHAPTER 8		
8-1.1.2	Only internal-combustion engines burning fuels having a flashpoint of more than 55 °C	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
8-1.1.5	Monitoring devices	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.1.6	Automatic protection against overspeed	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.2.7	Design of shaft bushings	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
8-1.3.1	Securing of engines against unintentional starting	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.5.15 (i)	Suitable constructions/shielding of high pressure pipes (jacketed piping systems)	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.5.15 (ii)	Insulation of engine parts	NRC, at the latest on issue or renewal of the Ship's certificate
8-1.5.1	Steel tanks for liquid fuels	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
8-1.5.1, second sentence	No fuel tanks forward of the collision bulkhead	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.5.2, second sentence	No fuel tanks and their fittings above engines or exhaust pipes	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024. Until then, appropriate devices must ensure the safe evacuation of fuels

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
8-1.5.6	Automatic closing of tank valves	NRC, at the latest on issue or renewal of the Ship's certificate
8-1.5.9, first sentence	Quick-closing valve on the tank operated from deck, even when the rooms in question are closed.	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2029
8-1.5.10	Installation and measurements of breather pipes and connection pipes	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.5.11, first sentence	Capacity-gauging devices to be legible up to maximum filling level	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.5.12	Filling level control not only for main engines but also other engines needed for safe operation of the vessel	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
8-1.5.11, first sentence, 8-1.5.13	Storage of lubricating oil, pipes and accessories	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
8-1.5.15 (ii)	Insulation in engine rooms	NRC, at the latest on issue or renewal of the Ship's certificate
8-1.6.8	Simple closing device not sufficient for connection of ballast spaces to drainage pipes for holds capable of carrying ballast	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8-1.6.9	Gauging devices in hold bilges	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
CHAPTER 8B		
8B-1.1	Storage of oils used in power transmission systems, control and activating systems and heating systems, pipes and accessories	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
8B-1.6	Installations for the collection of oily water and used oil stores	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
8B-8.3	Emission limit of 65 dB(A) for stationary craft	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
CHAPTER 9		
9-1.1.1, second sentence	Relevant documents to be submitted to the competent authority on inspection of vessels	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
9-1.1.2	Ambient inside and deck temperatures	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
9-1.2.2, 9-2.16.5	Power supply systems	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
9-1.3 (iii)	Switching diagrams for main, emergency and distribution switchboard to be kept on board	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
9-2.2	Protection against physical contact, intrusion of solid objects and the ingress of water	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
9-2.8	Switches, protective devices	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
9-2.9	Measuring and monitoring devices	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
9-2.6.5	Effective ventilation when accumulators are installed in a closed compartment, cabinet or chest	NRC, at the latest on issue or renewal of the Ship's certificate
9-2.9.2	Earth insulation checking device capable of giving both visual and audible alarm	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
9-2.10	Emergency circuit breakers	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
9-2.11	Installation fittings	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
9-2.11.3, second sentence	Prohibition of single-pole switches in laundries, bathrooms, washrooms and other rooms with wet facilities	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
9-2.12.2	Minimum cross-section of 1.5 mm ² per cable	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
9-2.12.9	Cables connected to movable wheelhouses	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
9-2.13.4	Second circuit	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
9-2.15.4	Cross-section of the earthing conductors	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
9-2.17	Alarm and safety systems for mechanical equipment	NRC, at the latest on issue or renewal of the Ship's certificate 30 December 2029

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
9-2.18	Electronic equipment	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
9-2.19	Electromagnetic compatibility	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
CHAPTER 10		
10-1	Anchor equipment	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
10-1.4.5	Certificate for mooring and other cables	First cable to be replaced on the vessel: NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024 Second and third cables: 30 December 2029
10-3.1, 10-3.2	European standard as regards to the requirements to be met ⁶	At replacement, at the latest 30 December 2024
10-3.3	Relation of CO ₂ content and size of room	At replacement, at the latest 30 December 2024
10-3.6	Permanently installed fire-fighting systems in accommodation spaces, wheelhouses and passenger spaces	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
10-3.6, 10-3.8	Permanently installed fire-fighting systems in engine rooms, boiler rooms and pump rooms	CO ₂ fire-fighting systems permanently installed before 1 October 1985 may remain in use until the issue or renewal of the Ship's certificate after 30 December 2049 if they comply with the requirements of Article 13.03 of Annex II of Directive 82/714/EEC
10-5.1.4.2	Application of requirements of the European standard to dinghies ⁷	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
10-5.2.2.2	Inflatable life jackets	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024 Life jackets which are on board on the day before 30 December 2008 can be used until renewal of the Ship's certificate after 30 December 2024

⁶ The secretariat proposes to delete or modify this provision, as Articles 10.03.1 and 10.03.2 of Directive 2006/87/EC contain much more detailed requirements than paras. 10-3.1 and 10-3.2 of Resolution No. 61; Article 10.03.1 refers to the European standards EN 3-7:2007 and EN 3-8:2007.

⁷ The secretariat proposes to delete or modify this provision as para. 10-5.1.4.2 of Resolution No. 61 contains detailed requirements to ship's boats and there is no reference to international standards. Article 10.04.1 of Directive 2006/87/EC refers to the European standard EN 1914: 1997.

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
CHAPTER 11		
11-2.4	Equipment of outer edges of decks, side decks and work stations	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2020 NRC,
	Height of bulwarks or coamings	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2035
11-4	Side decks	First issue or renewal of the Ship's certificate ⁸ after 30 December 2049 where width exceeds 7.30 m
11-4.1	Clear width of side deck	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2035, for craft exceeding 7.30 m in width
11-4.2 ⁹	Shipside	NRC, at the latest on issue or renewal of the Ship's certificate after 1 January 2020
11-5.1	Access to workplaces	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
11-5.2, 11-5.3	Doors and accesses, exits and passageways where there is more than a 0.50 m difference in floor level	NRC, at the latest on issue or renewal of the Ship's certificate
11-5.4	Stairs in working spaces which are manned continuously	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
11-6.2	Exits and emergency exits	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
11-7.2	Ladders, steps and similar devices	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
11-7.3, 11-7.4	Fixed ladders	NRC, at the latest on issue or renewal of the Ship's certificate

⁸ The provision applies to vessels laid down 2 years after the date of entry into force of this Resolution and to vessels in service with the following proviso:

The requirements of Section 11-4 must be complied with where the entire hold area is renewed.

Where a conversion modifying the clear width of the side deck covers the entire length of the side decks:

- (i) Section 11-4 must be complied with if the clear width of the side deck before the conversion to a height of 0.90 m, or the clear width above that height is to be reduced;
- (ii) the clear width of the side deck before the conversion, to a height of 0.90 m, or the clear width above that height must not be lower than the measurements indicated in Section 11-4.

⁹ The secretariat proposes to delete this position, as guard rails on vessels of $L < 55$ m with only aft accommodation are not subject to para. 11-4.2 of Resolution No. 61.

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
11–10	Hatch covers	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
11–11	Winches	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
11–12.2 to 11–12.6 and 11–12.8 to 11–12.10 ¹⁰	Cranes: manufacturer's plate, maximum permissible loadings, protection devices, calculation test, inspection by experts, certificates on board	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
CHAPTER 12		
12–1.1	Accommodation for the persons lodging habitually on board	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12–1.2, last sentence	Situation of floors	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12–2.1.1	Accommodations	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2024
12–2.1.5, 12–2.1.6, 12–2.1.7	Heating and ventilation	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12–2.1.8	Noise and vibration in accommodations	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
12–2.1.9, second sentence	Living and sleeping quarters	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12–2.1.10	Pipes carrying dangerous gases or liquids	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12–2.2.1	Headroom in accommodations	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12–2.2.2	Free floor area of communal living quarters	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12–2.2.4	Cubic capacity of rooms	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049

¹⁰ Note by the secretariat: there is no Section 11–12 in Resolution No. 61. These provisions could be applicable to Chapter 17 of Resolution No. 61.

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
12-2.2.3	Volume of airspace per person	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12-3.1	Size of doors	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12-3.2	Situation of stairs	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12-5.1, second sentence	Other accommodation installations	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12-6	Galleys	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12-7	Sanitary installations	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
12-8	Potable water	NRC, at the latest on issue or renewal of the Ship's certificate
CHAPTER 14a¹¹		
Article 14a.02(2), Tables 1 and 2 and paragraph 5	Limit/control values and type approvals	NRC, as long as <ul style="list-style-type: none"> (a) the limit and control values do not exceed the values according to Article 14a.02 by more than the factor 2, (b) the on-board sewage treatment plant has a manufacturer's or expert's certificate confirming that it can cope with the typical loading patterns on board the craft and (c) a system of sewage sludge management is in place for it which is appropriate to the conditions of operating a sewage treatment plant aboard a passenger vessel;

¹¹ Note by the secretariat: requirements of Chapter 14a, On-board sewage treatment plants on passenger vessels, of Directive 2006/87/EC are included in draft Section 8B-4 of Resolution No. 61 (ECE/TRANS/SC.3/2015/8). Similar provisions could be added to this Chapter or to Section 1-1 of Resolution No. 61.

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
CHAPTER 15		
	Passenger vessels	see Article 8 ¹² of this Resolution
CHAPTER 15A		
	Passenger sailing vessels	see Article 8 ¹¹ of this Resolution
CHAPTER 16		
16-1.2	Special winches or equivalent coupling devices	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
16-1.2 (ii)	Requirements for drive units	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2049
CHAPTER 17		
	Floating equipment	The craft may continue to operate provided that the competent authorities consider that the shortcomings do not constitute a manifest danger Any failure to meet the technical requirements shall be specified in the Ship's certificate
CHAPTER 21		
21-2	Recreational craft	The craft may continue to operate provided that the competent authorities consider that the shortcomings do not constitute a manifest danger Any failure to meet the technical requirements shall be specified in the Ship's certificate
CHAPTER 22B		
22B-1.3	Second independent steering apparatus drive unit	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029

¹² Note by the secretariat: Article 8 of Directive 2006/87/EC established conditions of issuance of Community inland navigation certificates, in particular, for craft excluded from the scope of Directive 82/714/EEC, but covered by this Directive.

<i>Section and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
Appendix 7		
	Navigation lights, their casings, accessories and light sources	Navigation lights, their casings, accessories, and light sources that fulfill – the requirements for color and light intensity of navigation lights and for the admission of signal lights for navigation on the Rhine as of 30 November 2009 or – the respective requirements of a Member State as of 30 November 2009 may still be used.

24–3 Derogations for craft which were laid down before 1 January 1985

24–3.1 In addition to paragraph 24–2 of this Resolution, craft which were laid down before 1 January 1985 may be exempted from the following provisions, under the conditions described in column 3 of table 2, provided the safety of the vessel and its crew is ensured in an appropriate manner.

24–3.2 The following definitions apply in table 2:

“NRC”: The provision does not apply to craft which are already operating, unless the parts concerned are replaced or converted, i.e. the provision only applies to newly-built craft and to the replacement or conversion of the parts or areas concerned. If existing parts are replaced by replacement parts using the same technology and of the same type, this does not constitute replacement (“R”) within the meaning of these transitional provisions.

“Issue or renewal of the Ship’s certificate”: The provision must be complied with by the time of the first issue or next renewal of the Ship’s certificate after 1 January 1985.

Table 2

<i>Chapter and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
CHAPTER 3		
3–4.1.3	Watertight collision bulkheads	NRC
3–4.2.1.1	Openings in watertight bulkheads	NRC
3–4.2.1.2		
3–4.2.1.4	Accommodations, safety installations	NRC
CHAPTER 4		
4–4.2.2	Freeboard	NRC
4–5.2	Safety clearance	NRC, at the latest on issue or renewal of the Ship’s certificate after 30 December 2019
CHAPTER 6		
6–1.3	Requirements of steering system	NRC

<i>Chapter and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
CHAPTER 7		
7-1.5	Maximum permissible sound pressure level in wheelhouse	NRC
7-7	Movable wheelhouses	NRC
CHAPTER 8		
8-1.1.2	Prohibition of certain liquid fuels	NRC
8-1.4.1	Engine exhaust system	NRC, at the latest on issue or renewal of the Ship's certificate
8-1.5.12	Alarm device for level of fuel filling	NRC
8-1.5.13	Surfaces of fuel tanks	NRC
8-1.6.2	Equipment with bilge pumps	NRC
8-1.6.3	Diameter and minimum pumping capacity of bilge pumps	NRC
8-1.6.4		
8-1.6.5	Self-priming bilge pumps	NRC
8-1.6.6	Equipment with strainers	NRC
8-1.6.7	Self-closing valve for aft peak	NRC
CHAPTER 8B		
8B-8.3	Noise emitted by craft	NRC
CHAPTER 9		
9-1.1.2	Installation of electrical equipment	NRC
9-1.3	Certificates for electrical equipment	NRC
9-2.1	Maximum permissible voltages	NRC
9-2.5	Generators and motors	NRC
9-2.6.3	Accumulators	NRC, at the latest on issue or renewal of the Ship's certificate after 30 December 2029
9-2.11.3	Simultaneous switching	NRC
9-2.12	Cables	NRC
9-2.13.4	Lighting in engine rooms	NRC
9-2.14.1	Switchboards for signal lights	NRC
9-2.14.2	Power supply for signal lights	NRC
9-2.14.3	Monitoring of signal lights	NRC
CHAPTER 10		
10-1.5.1, second sentence	Anchor windlasses	NRC

<i>Chapter and paragraph</i>	<i>Content</i>	<i>Deadline and comments</i>
CHAPTER 11		
11-9.4	Maximum permissible sound pressure level in engine rooms	NRC
11-11.2	Safety of winches	NRC
CHAPTER 12		
12-2.1.1	Accommodations, safety installations	NRC
12-2.1.10	Pipes carrying dangerous gases or liquids	NRC

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