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**Economic Commission for Europe**

Inland Transport Committee

**Working Party on Inland Water Transport**

**Fifty-ninth session**

Geneva, 9–11 November 2015

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

 (Left void)

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 of[[1]](#footnote-2)**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,
* 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

|  |  |
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| 46. Operating modes meeting the requirements of national or international law concerning the crew (\*\*) |  |
| 47. Vessel equipment in accordance with 23–9.2The 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 |  |
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| 48. Space for entering the minimum crew for vessels that are not covered by general minimum crew prescriptions in national or international requirements (\*\*) |  |
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|  |  | Space for entering the operating modes according to item 46 |  |
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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 PROVISIONS[[2]](#footnote-3)

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.

Table 1

| *Section and paragraph* | *Content* | *Deadline and comments* |
| --- | --- | --- |
| 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]](#footnote-4) | 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]](#footnote-5) | 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 |
| 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 |
| 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]](#footnote-6) | 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 | 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.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 |
| 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 |
| 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 |
| 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 mm2 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 |
| 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 2024Second and third cables: 30 December 2029 |
| 10–3.1, 10–3.2 | European standard as regards to the requirements to be met[[6]](#footnote-7) | At replacement, at the latest 30 December 2024 |
| 10–3.3 | Relation of CO2 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 | CO2 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]](#footnote-8) | 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 2024Life 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 |
| CHAPTER 11 |
| 11–2.4 | Equipment of outer edges of decks, side decks and work stationsHeight of bulwarks or coamings | NRC, at the latest on issue or renewal of the Ship’s certificate after 1 January 2020 NRC, 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]](#footnote-9) 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]](#footnote-10) | 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 |
| 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]](#footnote-11) | 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 |
| 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 14a[[11]](#footnote-12) |
| Article 14a.02(2), Tables 1 and 2 and paragraph 5 | Limit/control values and type approvals | NRC, as long as(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; |
| CHAPTER 15 |
|  | Passenger vessels | see Article 8[[12]](#footnote-13) of this Resolution  |
| CHAPTER 15A |
|  | Passenger sailing vessels | see Article 811 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 dangerAny 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 dangerAny 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 |
| 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

| *Chapter and paragraph* | *Content* | *Deadline and comments* |
| --- | --- | --- |
| CHAPTER 3 |
| 3–4.1.3 | Watertight collision bulkheads | NRC |
| 3–4.2.1.13–4.2.1.2 | Openings in watertight bulkheads | NRC |
| 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 |
| 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 |
| 8–1.6.38–1.6.4 | Diameter and minimum pumping capacity of bilge pumps | NRC |
| 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 |
| 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 |

”

1. In Annex I, the text in bold is taken from Directive 2006/87/EU as amended, Article 23.09. [↑](#footnote-ref-2)
2. Draft of Chapter 24 is based on Directive 2006/87/EU as amended, Chapter 24 “Transitional and final provisions”. [↑](#footnote-ref-3)
3. ECE/TRANS/SC.3/WP.3/2014/6, Part III. [↑](#footnote-ref-4)
4. ECE/TRANS/SC.3/WP.3/2014/7. [↑](#footnote-ref-5)
5. Proposal of the secretariat to replace 7–6.4.3 by 7–4.2. [↑](#footnote-ref-6)
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. [↑](#footnote-ref-7)
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. [↑](#footnote-ref-8)
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. [↑](#footnote-ref-9)
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. [↑](#footnote-ref-10)
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. [↑](#footnote-ref-11)
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. [↑](#footnote-ref-12)
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. [↑](#footnote-ref-13)