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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
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| PLENARY MEETING | | **Addendum 20 to Document 111-E** | |
|  | | **29 October 2023** | |
|  | | **Original: Chinese** | |
| China (People's Republic of) | | | |
| |  | | --- | | PROPOSALS FOR THE WORK OF THE CONFERENCE | | | | |
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| Agenda item 2 | | | |

2 to examine the revised ITU‑R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with *further* *resolves* of Resolution **27 (Rev.WRC‑19)**, and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in *resolves* of that Resolution;

Introduction

All APT Member States support the incorporation by reference of the ITU-R Recommendations revised and approved since WRC-19, and have drafted an APT common proposal ([ACP](https://www.itu.int/dms_pub/itu-r/md/23/wrc23/c/R23-WRC23-C-0062!A20!MSW-E.docx)) for agenda item 2. This [ACP for AI 2](https://www.itu.int/dms_pub/itu-r/md/23/wrc23/c/R23-WRC23-C-0062!A20!MSW-E.docx) proposes the incorporation by reference of the new versions of Recommendations M.585-9 and M.633-5. Following the APG23-6 meeting, the revised ITU-R Recommendations M.541-10 and M.1171-0 were adopted by Study Group 5 at its 20th meeting in September 2023, and submitted to the Assembly for approval. If the revisions are approved by the end of WRC-23, the most recent version of these Recommendations should be incorporated into the Radio Regulations.

Proposal

China supports the [ACP for AI 2](https://www.itu.int/dms_pub/itu-r/md/23/wrc23/c/R23-WRC23-C-0062!A20!MSW-E.docx). Moreover, if the revisions to the two Recommendations below are approved by the end of WRC-23, China supports the incorporation of the most recent version of these Recommendations into the Radio Regulations.

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| Current version in the RR Volume 4 | The most recent version | RR provisions and footnotes by reference |
| M.541-10\* | M.541-11 | Nos. **51.35**, **52.112**, **52.149**, **52.153**, **54.2** |
| M.1171-0\* | M.1171-1 | Nos. **52.192**, **52.195**, **52.213**, **52.224**, **52.234**, **52.240**, **57.1** |

(\*) Currently in the approval process.

China proposes the following revisions to the Radio Regulations.

ARTICLE 51

Conditions to be observed in the maritime services

Section I − Maritime mobile service

51.24 C − Ship stations using digital selective calling

51.32 C3 − Bands between 4 000 kHz and 27 500 kHz

MOD CHN/111A20/1

51.35 *b)* send and receive class F1B or J2B emissions on an international calling channel (specified in Recommendation ITU‑R M.541‑11) in each of the HF maritime mobile bands necessary for their service;     (WRC‑23)

**Reasons:** ITU R Recommendation M.541-11 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

ARTICLE 52

Special rules relating to the use of frequencies

Section IV − Use of frequencies for digital selective-calling

52.110 A − General

MOD CHN/111A20/2

52.112 § 51 The characteristics of the digital selective-calling equipment shall be in accordance with Recommendation ITU‑R M.541-11 and should be in accordance with the most recent version of Recommendation ITU‑R M.493.     (WRC‑23)

**Reasons:** ITU R Recommendation M.541-11 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

52.141 D − Bands between 4 000 kHz and 27 500 kHz

D2 − Call and acknowledgement

MOD CHN/111A20/3

52.149 2) The international digital selective-calling frequencies shall be as indicated in Recommendation ITU‑R M.541-11 and may be used by any ship station. In order to reduce interference on these frequencies, they shall only be used when calling cannot be made on nationally assigned frequencies.     (WRC‑23)

**Reasons:** ITU R Recommendation M.541-11 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

MOD CHN/111A20/4

52.153 2) The international digital selective-calling frequencies shall be as indicated in Recommendation ITU‑R M.541‑11 and may be assigned to any coast station. In order to reduce interference on these frequencies, they may be used as a general rule by coast stations to call ships of another nationality, or in cases where it is not known on which digital selective-calling frequencies within the frequency bands concerned the ship station is maintaining watch.     (WRC‑23)

**Reasons:** ITU R Recommendation M.541-11 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

Section VI − Use of frequencies for radiotelephony

52.182 B − Bands between 1 606.5 kHz and 4 000 kHz     (WRC‑03)

B2 − Call and reply

MOD CHN/111A20/5

52.192 *b)* by coast stations to announce the transmission, on another frequency, of traffic lists as specified in Recommendation ITU‑R M.1171‑1.     (WRC‑23)

**Reasons:** ITU R Recommendation M.1171-1 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

MOD CHN/111A20/6

52.195 § 89 1) Before transmitting on the carrier frequency 2 182 kHz, a station shall, in accordance with Recommendation ITU‑R M.1171‑1, listen on this frequency for a reasonable period to make sure that no distress traffic is being sent.     (WRC‑23)

**Reasons:** ITU R Recommendation M.1171-1 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

B4 − Additional provisions applying to Region 1

MOD CHN/111A20/7

52.213 2) In exceptional circumstances, if frequency usage according to Nos. 52.203 to 52.208 or No. 52.210 is not possible, a ship station may use one of its own assigned national ship-to-shore frequencies for communication with a coast station of another nationality, under the express condition that the coast station as well as the ship station shall take precautions, in accordance with Recommendation ITU‑R M.1171‑1, to ensure that the use of such a frequency will not cause harmful interference to the service for which the frequency in question is authorized.     (WRC‑23)

**Reasons:** ITU R Recommendation M.1171-1 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

52.216 C − Bands between 4 000 kHz and 27 500 kHz

C2 − Call and reply

MOD CHN/111A20/8

52.224 § 99 1) Before transmitting on the carrier frequencies 4 125 kHz, 6 215 kHz, 8 291 kHz, 12 290 kHz or 16 420 kHz a station shall, in accordance with Recommendation ITU‑R M.1171‑1, listen on the frequency for a reasonable period to make sure that no distress traffic is being sent (see No. 52.221A).     (WRC‑23)

**Reasons:** ITU R Recommendation M.1171-1 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

52.230 D − Bands between 156 MHz and 174 MHz

D1 − Call and reply

MOD CHN/111A20/9

52.234 *b)* by coast stations to announce the transmission on another frequency of traffic lists, in accordance with Recommendation ITU‑R M.1171‑1, and important maritime information.     (WRC‑23)

**Reasons:** ITU R Recommendation M.1171-1 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

MOD CHN/111A20/10

52.240 8) Before transmitting on the frequency 156.8 MHz, a station shall, in accordance with Recommendation ITU‑R M.1171‑1, listen on this frequency for a reasonable period to make sure that no distress traffic is being sent.     (WRC‑23)

**Reasons:** ITU R Recommendation M.1171-1 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

ARTICLE 54

Selective calling

MOD CHN/111A20/11

54.2 2) Selective calling is carried out using a digital selective calling system which shall be in accordance with Recommendation ITU‑R M.541‑11, and may be in accordance with the most recent version of Recommendation ITU‑R M.493.     (WRC‑23)

**Reasons:** ITU R Recommendation M.541-11 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

ARTICLE 57

Radiotelephony

MOD CHN/111A20/12

57.1 § 1 The procedure detailed in Recommendation ITU‑R M.1171‑1 shall be applicable to radiotelephone stations, except in cases of distress, urgency or safety.     (WRC‑23)

**Reasons:** ITU R Recommendation M.1171-1 was sent to administrations for approval by consultation in Circular Letter CACE/1083 dated 5 October 2023. If a new version of this Recommendation is approved by the end of WRC-23, the most recent version of the Recommendation should be reflected in the Radio Regulations.

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