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|  | ASIA-PACIFIC TELECOMMUNITY | Document No: |
| **The 4th Meeting of the APT Conference Preparatory****Group for WRC-19 (APG19-4)** | **APG19-4/OUT-40** |
| 7 – 12 January 2019, Busan, Republic of Korea | 12 January 2019 |

Working Party 6

**preliminary VIEWS on WRC-19 agenda item 2**

**Agenda Item 2:**

*to examine the revised ITU‑R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with Resolution****28 (Rev.WRC‑03)****, and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in Annex 1 to Resolution****27 (Rev.WRC‑12)****;*

**1. Introduction:**

This document summarizes the discussion on agenda item 2 at the fourth meeting of APT Conference Preparatory Group for WRC-19.

**2. Documents**

***2.1 Input Documents:*** APG19-4/INP-20 (AUS), APG19-4/INP-47 (IRN), APG19-4/INP-64 (J), APG19-4/INP-71 (J)

***2.2 Information Documents:*** APG19-4/INF-02 (WMO), APG19-4/INF-22 (CITEL),

APG19-4/INF-23 (CEPT), APG19-4/INF-24 (RCC)

**3. Summary of Discussions**

**3.1 Summary of Members’ view**

**3.1.1 Australia – Document APG19-4/INP-20**

Australia supports examination and review of ITU-R Recommendations incorporated by reference and the corresponding references in the Radio Regulations in accordance with Resolution **28 (Rev.WRC‑15)** and the principles contained in Annex 1 to Resolution **27 (Rev.WRC-12)**, noting that Recommendation ITU-R M.1638-0 incorporated by reference in RR Nos. **5.447F** and **5.450A** is a consideration under WRC-19 agenda item 9.1 Issue 9.1.5.

Australia also supports the merging of Resolutions **27 (Rev.WRC-12)** and **28 (Rev.WRC-15)** in order to have a single Resolution that refers to incorporation by reference in the Radio Regulations consistent with the APT Preliminary View from the APG19-3 meeting.

**3.1.2 Iran (Islamic Republic of) – Document APG19-4/INP-47**

This Administration supports the previous APT Preliminary Views with a slight correction as follows:

- APT Members support examination and review of ITU-R Recommendations incorporated by reference in the Radio Regulations in accordance with Resolutions **27 (Rev.WRC-12)** and **28 (Rev.WRC-15)**.

- APT Members are encouraged to participate in or look into the ITU-R studies, which may propose revisions of the ITU-R Recommendations incorporated by reference, with a view to developing the APT positions on this agenda item towards the WRC-19.

- The referencing of Recommendation ITU-R M.1638-0 contained in Nos. **5.447F** and **5.450A** of the Radio Regulations will also specifically be considered under Issue 9.1.5 (Resolution **764 (WRC-15)**).

- APT Members propose to merge Resolutions **27 (Rev.WRC-12)** and **28 (Rev.WRC-15)** as shown in Attachment 1 to Document APG19-4/INP-47 in order to have a single resolution that refers to incorporation by reference in the Radio Regulations.

- APT Members propose the following consequential changes to the wording of standing WRC agenda item related to incorporation by reference:

2 to examine the revised ITU-R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with Resolution 27 (Rev.WRC-19).

2. This Administration proposes to have an APT contribution under WRC-19 Agenda Item 2 to the second session of the CPM to modify the Draft CPM Report as shown in Attachment 2 to Document APG19-4/INP-47.

**3.1.3 Japan – Documents APG19-4/INP-64 and APG19-4/INP-71**

Japan supports review of the reference of the ITU-R Recommendations in the RR on the basis of Resolution **27 (Rev.WRC-12)** and Resolution **28 (Rev.WRC-15)**.

Japan also supports to merge the above two Resolutions, and to submit an APT proposal to the CPM19-2 in this regards.

It is suggested that, for some ITU-R Recommendations incorporated by reference which are referred to in the text for certain agenda items in the draft CPM Report, initial consideration on these IBR Recommendations should be referred to the Working Parties responsible for the relevant agenda items.

**3.2 Summary of issues raised during the meeting**

Based on the mail exchange prior to the meeting and new inputs to this meeting, it has been agreed to submit an APT proposal to the second session of the CPM-19 regarding the merger of Resolutions **27 (Rev.WRC-12)** and **28 (Rev. WRC-15)** (see Document APG19-4/OUT-42.

It was also agreed to update “APT preliminary views” as shown in section 4.

**4. APT Preliminary Views**

APT Members support examination and review of ITU-R Recommendations incorporated by reference in the Radio Regulations in accordance with Resolutions **27 (Rev.WRC-12)** and **28 (Rev.WRC-15)**.

APT Members are encouraged to participate in or look into the ITU-R studies, which may propose revisions of the ITU-R Recommendations incorporated by reference, with a view to developing the APT positions on this agenda item towards the WRC-19.

The referencing of Recommendation ITU-R M.1638-0 contained in Nos. **5.447F** and **5.450A** of the Radio Regulations will also specifically be considered under Issue 9.1.5 (Resolution **764 (WRC-15)**).

APT Members propose to merge Resolutions **27 (Rev.WRC-12)** and **28 (Rev.WRC-15)** as shown in Attachment 1 in order to have a single resolution that refers to incorporation by reference in the Radio Regulations.

APT Members propose the following consequential changes to the wording of standing WRC agenda item related to incorporation by reference:

to examine the revised ITU-R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with Resolution 27 (Rev.WRC-19).

**5 Other views**

None.

**6.**   **Issues for consideration at the next APG meeting**

Continuation of consideration on the text for the merger of Resolutions **27 (Rev.WRC-12)** and **28 (Rev.WRC-15)** in the light of the discussion at the second session of the CPM-19.

Examination of the revised ITU‑R Recommendations incorporated by reference and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in Annex 1 to Resolution **27 (Rev.WRC‑12)**;

**7. Views from Other Organisation**

This meeting received other organisations’ views from WMO, CITEL, CEPT and RCC in the information documents. Their views provided in these documents, some of which are still in a preliminary nature, may be useful for our future consideration at the next meeting.

**Attachment 1**

**Proposal for modifications to Resolution 27 (Rev.WRC-12) and suppression of Resolution 28 (Rev.WRC-15) to be submitted to the CPM19-2**

**MOD**

RESOLUTION 27 (Rev.WRC‑19)

Use of incorporation by reference in the Radio Regulations

The World Radiocommunication Conference ( Sharm el-Sheikh,2019),

*considering*

*a)* that the Voluntary Group of Experts (VGE) on simplification of the Radio Regulations proposed the transfer of certain texts of the Radio Regulations to other documents, especially to ITU‑R Recommendations, using the incorporation by reference procedure; *[Note: considering a) of Res. 28]*

*b*) that the principles of incorporation by reference were adopted by WRC‑95 and revised by subsequent conferences;

*c)* that, in some cases, there are provisions in the Radio Regulations containing references which fail to distinguish adequately whether the status of the referenced text is mandatory or non‑mandatory; *[Note: addition of the essence of considering b) of Res.28]*

*d)* that references to incorporated texts shall be explicit and shall refer to a precisely identified provision;*[Note: considering c) of Res. 28]*

*e)* that all texts of ITU‑R Recommendations incorporated by reference are published in a volume of the Radio Regulations;*[Note: considering d) of Res. 28]*

*f)* that, taking into account the rapid evolution of technology, ITU‑R may revise the ITU‑R Recommendations containing text incorporated by reference at short intervals;*[Note: considering e) of Res. 28]*

*g)* that, following revision of an ITU‑R Recommendation containing text incorporated by reference, the reference in the Radio Regulations shall continue to apply to the earlier version until such time as a competent world radiocommunication conference (WRC) agrees to incorporate the new version;*[Note: considering f) of Res. 28]*

*h)* that it would be desirable that texts incorporated by reference reflect the most recent technical developments *[Note: considering g) of Res. 28]*

noting

1 that references to Resolutions or Recommendations of a world radiocommunication conference (WRC) require no special procedures, and are acceptable for consideration, since such texts will have been agreed by a WRC;

2 that administrations need sufficient time to examine the potential consequences of changes to ITU‑R Recommendations containing text incorporated by reference and would therefore benefit greatly from being advised, as early as possible, of which ITU‑R Recommendations have been revised and approved during the elapsed study period or at the Radiocommunication Assembly preceding the WRC, *[Note: noting of Res. 28],*

resolves

1. that for the purposes of the Radio Regulations, the term “incorporation by reference” shall only apply to those references intended to be mandatory;
2. that the text incorporated by reference shall have the same treaty status as the Radio Regulations themselves; *[Note: item 5.1 of Annex 1 to Res. 27]*
3. that the reference must be explicit, specifying the specific part of the text (if appropriate) and the version or issue number; *[Note: item 5.2 of Annex 1 to Res. 27]*
4. that, where a mandatory reference to an ITU-R Recommendation, or parts thereof, is included in the *resolves*of a WRC Resolution, which is itself cited in a provision or footnote of the Radio Regulations using mandatory language (i.e. “shall”), ITU-R Recommendation or parts thereof shall also be considered as incorporated by reference;] *[Note: item 3 of Annex 1 to Res. 27]*
5. that texts which are of a non-mandatory nature or which refer to other texts of a non‑mandatory nature shall not be considered for incorporation by reference; *[Note: item 4 of Annex 1 to Res. 27]*
6. that when considering the introduction of new cases of incorporation by reference, such incorporation shall be kept to a minimum and made by applying the following criteria:

6.1 only texts which are relevant to a specific WRC agenda item may be considered;

6.2 where the relevant texts are brief, the referenced material should be placed in the body of the Radio Regulations rather than using incorporation by reference; *[Note: item 2 of Annex 1 to Res. 27]*

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6.3 the guidance contained in Annex 1 to this Resolution shall be applied in order to ensure that the correct method of reference for the intended purpose is employed;

7 that the text of the incorporation by reference must be submitted for adoption by a competent WRC and the procedure described in Annex 2 to this Resolution shall be applied for approving the incorporation by reference of ITU‑R Recommendations or parts thereof; *[Note: modified using the text of item 5.3 of Annex 1 to Res. 27]*

8 that existing references to ITU‑R Recommendations shall be reviewed to clarify whether the reference is mandatory or non-mandatory in accordance with Annex 1 to this Resolution;

9 that ITU‑R Recommendations, or parts thereof, incorporated by reference at the conclusion of each WRC, and a cross-reference list of the regulatory provisions, including footnotes and Resolutions, incorporating such ITU‑R Recommendations by reference, shall be collated and published in a volume of the Radio Regulations (see Annex 2 to this Resolution);

10 If, between WRCs, a text incorporated by reference (e.g. an ITU‑R Recommendation) is updated, the reference in the Radio Regulations shall continue to apply to the earlier version incorporated by reference until such time as a competent WRC agrees to incorporate the new version. The mechanism for considering such a step is given in *further resolves* part of this Resolution. *[Note: item 6 of Annex 1 to Res. 27]*

further resolves [Note: resolves 1, 2, 3 and reworded resolves 4 of Res. 28]

1 that each radiocommunication assembly shall communicate to the following WRC a list of the ITU‑R Recommendations containing text incorporated by reference in the Radio Regulations which have been revised and approved during the elapsed study period;

2 that, on this basis, WRC should examine those revised ITU‑R Recommendations, and decide whether or not to update the corresponding references in the Radio Regulations;

3 that, if the WRC decides not to update the corresponding references, the currently referenced version shall be maintained in the Radio Regulations;

4 that recommended agendas for future world radiocommunication conferences shall include a standing agenda item which would place the examination of ITU‑R Recommendations in conformity with *further resolves*1 and2 of this Resolution.

instructs the Director of the Radiocommunication Bureau

1. to bring this Resolution to the attention of the Radiocommunication Assembly and the ITU‑R Study Groups;
2. to identify the provisions and footnotes of the Radio Regulations containing references to ITU‑R Recommendations and make suggestions on any further action to the second session of the Conference Preparatory Meeting (CPM) for its consideration and inclusion in the CPM Report;
3. to identify the provisions and footnotes of the Radio Regulations containing references to WRC Resolutions that contain references to ITU‑R Recommendations, and make suggestions on any further action to the second session of the CPM for its consideration and inclusion in the CPM Report;

4 to provide the second session of the CPM with a list, for inclusion in the CPM Report, of those ITU‑R Recommendations containing texts incorporated by reference that have been revised or approved since the previous WRC, or that may be revised in time for the following WRC, *[Note: instructs the Director of the Radiocommunication Bureau of Res. 28 with edits]*

invites administrations

1 to submit proposals to future conferences, taking into account the CPM Report, in order to clarify the status of references, where ambiguities remain regarding the mandatory or non-mandatory status of the references in question, with a view to amending those references:

i) that appear to be of a mandatory nature, identifying such references as being incorporated by reference by using clear linking language in accordance with Annex 2;

ii) that are of a non-mandatory character, so as to refer to “the most recent version” of the Recommendations,

2 to participate actively in the work of the radiocommunication study groups and the radiocommunication assembly on revision of those Recommendations to which mandatory references are made in the Radio Regulations; *[Note: urges administrations* 1 of Res. 28*]*

3 to examine any indicated revisions of ITU‑R Recommendations containing text incorporated by reference and to prepare proposals on possible updating of relevant references in the Radio Regulations. *[Note: urges administrations* 2 of Res. 28*]*

  *[Note: same as resolves 1]*

 *[Note: moved to resolves part]* *[Note: moved to resolves part]*

 *[Note: moved to resolves part]*

 *[Note: moved to resolves part] [Note: moved to resolves part][Note: moved to resolves part]*

 *[Note: same as resolves 5]*

 *[Note: moved to resolves part]]*

ANNEX 1 TO RESOLUTION 27 (Rev.WRC‑19)

Application of incorporation by reference

When introducing new cases of incorporation by reference in the provisions of the Radio Regulations or reviewing existing cases of incorporation by reference, administrations and ITU‑R should address the following factors in order to ensure that the correct method of reference is employed for the intended purpose, according to whether each reference is mandatory (i.e. incorporated by reference), or non‑mandatory:

Mandatory references

1 mandatory references shall use clear linking language, i.e. “shall”;

2 mandatory references shall be explicitly and specifically identified, e.g. ”Recommendation ITU‑R M.541‑8”;

3 if the intended reference material is, as a whole, unsuitable as treaty-status text, the reference shall be limited to just those portions of the material in question which are of a suitable nature, e.g. ”Annex A to Recommendation ITU‑R Z.123-4”.

Non-mandatory references

4 Non-mandatory references or ambiguous references that are determined to be of a non‑mandatory character (i.e. not incorporated by reference) shall use appropriate language, such as “should” or “may”. This appropriate language may refer to “the most recent version” of a Recommendation. Any appropriate language may be changed at any future WRC.

ANNEX 2 TO RESOLUTION 27 (Rev.WRC‑19)

Procedures applicable by WRC for approving the incorporation by reference of ITU‑R Recommendations or parts thereof

During the course of each WRC, a list of the ITU-R Recommendations incorporated by reference, and a cross-reference list of the regulatory provisions, including footnotes and Resolutions, incorporating such ITU‑R Recommendations by reference, shall be developed and maintained by the committees. These lists shall be published as a conference document in line with developments during the conference.

Following the end of each WRC, the Bureau and General Secretariat will update the volume of the Radio Regulations which serves as the repository of ITU-R Recommendations incorporated by reference in line with developments at the conference as recorded in the above-mentioned document.

**SUP**

RESOLUTION 28 (REV.WRC-15)

**Revision of references to the text of ITU-R Recommendations incorporated by reference in the Radio Regulations**

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