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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 | | **Document 132-E** | |
|  | | **29 October 2023** | |
|  | | **Original: English** | |
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| Canada/United States of America/Mexico | | | |
| PROPOSALS FOR THE WORK OF THE CONFERENCE | | | |
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| Agenda item 10 | | | |

10to recommend to the ITU Council items for inclusion in the agenda for the next world radiocommunication conference, and items for the preliminary agenda of future conferences, in accordance with Article 7 of the ITU Convention and Resolution **804 (Rev.WRC‑19)**,

Proposals

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DRAFT NEW RESOLUTION [AI 10] (WRC‑23)

Agenda for the 2027 World Radiocommunication Conference

The World Radiocommunication Conference (Dubai, 2023),

considering

*a)* that, in accordance with No. 118 of the ITU Convention, the general scope of the agenda for a world radiocommunication conference (WRC) should be established four to six years in advance and that a final agenda shall be established by the ITU Council two years before the conference;

*b)* Article 13 of the ITU Constitution relating to the competence and scheduling of WRCs and Article 7 of the Convention relating to their agendas;

*c)* the relevant resolutions and recommendations of previous world administrative radio conferences (WARCs) and WRCs,

recognizing

*a)* that this conference has identified a number of urgent issues requiring further examination by WRC‑27;

*b)* that, in preparing this agenda, some items proposed by administrations could not be included and have had to be deferred to future conference agendas,

resolves

to recommend to the Council that a WRC be held in 2027 for a maximum period of four weeks, with the following agenda:

1 on the basis of proposals from administrations, taking account of the results of WRC‑23 and the Report of the Conference Preparatory Meeting, and with due regard to the requirements of existing and future services in the frequency bands under consideration, to consider and take appropriate action in respect of the following items:

...

1.x to consider the use of existing International Mobile Telecommunications (IMT) identifications in the frequency range 694-960 MHz, by consideration of the possible removal of the limitation regarding aeronautical mobile in IMT for the use of IMT user equipment by non-safety applications, where appropriate, in accordance with Resolution **251 (Rev.WRC‑23)**,

...

resolves further

to activate the Conference Preparatory Meeting,

invites the ITU Council

to finalize the agenda and arrange for the convening of WRC‑27, and to initiate as soon as possible the necessary consultations with Member States,

instructs the Director of the Radiocommunication Bureau

to make the necessary arrangements to convene meetings of the Conference Preparatory Meeting and to prepare a report to WRC‑27,

instructs the Secretary-General

to communicate this Resolution to international and regional organizations concerned.

**Reasons:** An agenda item is required to study to address existing demand and future requirements from the aeronautical community and IMT networks can provide connectivity services to helicopters, small aircraft and unmanned aircraft systems (UAS).

MOD CAN/USA/MEX/132/2

RESOLUTION 251 (REV.WRC‑23)

Removal of the limitation regarding aeronautical mobile in the frequency range 694-960 MHz for the use of International Mobile Telecommunications user equipment by non-safety applications

The World Radiocommunication Conference (Dubai, 2023),

considering

*a)* that there is a need for greater connectivity of aeronautical vehicles to address existing demand and future requirements from the aeronautical community;

*b)* that current and future International Mobile Telecommunications (IMT) networks can provide connectivity services to helicopters, small aircraft and unmanned aircraft systems (UAS);

*c)* that current and future IMT networks may provide communication functions for the beyond visual line-of-sight operation of UAS;

*d)* that future IMT networks may support direct air-ground connectivity services to commercial airplanes with specific equipment on board airplanes;

*e)* that the IMT capacities identified in the *considering* paragraphs above have been demonstrated to be feasible by several studies and are currently being developed by standards development organizations,

noting

*a)* that ITU Radiocommunication Sector sharing and compatibility studies supporting the identification of specific frequency bands for IMT did not consider the use cases described in *considering b)* to *e)*;

*b)* that the frequency band 694-960 MHz is allocated on a primary basis to the mobile, except aeronautical mobile, service in Region 1;

*c)* that the frequency bands 890-902 MHz and 928-942 MHz are allocated on a primary basis to the mobile, except aeronautical mobile, service in Region 2 and that the frequency band 902‑928 MHz is allocated on a secondary basis to the mobile, except aeronautical mobile, service in Region 2;

*d)* that Nos. **5.312** and **5.323** allocate the frequency band 645-960 MHz or parts thereof to the aeronautical radionavigation service on a primary basis in several countries of Region 1;

*e)* that the frequency band 694-960 MHz is allocated on a primary basis to the broadcasting service in Region 1;

*f)* that Resolution **224 (Rev.WRC‑19)** addresses frequency bands for the terrestrial component of IMT below 1 GHz;

*g)* that Resolution **749 (Rev.WRC-19)**addresses the use of the frequency band 790‑862 MHz in countries of Region 1 and the Islamic Republic of Iran by mobile applications and by other services;

*h)* that Resolution **760 (Rev.WRC-19)** addresses provisions relating to the use of the frequency band 694-790 MHz in Region 1 by the mobile, except aeronautical mobile, service and by other services,

recognizing

that the removal of the limitation regarding aeronautical mobile in the proposed frequency bands would enable the unified use of the IMT identifications by aeronautical user equipment throughout the Regions,

resolves to invite the ITU Radiocommunication Sector

1 to assess relevant aeronautical mobile service scenarios for air-ground and ground-air connectivity for airborne user equipment in IMT networks to be addressed in compatibility and sharing studies;

2 to identify relevant technical parameters associated with the aeronautical mobile systems to be used for studies;

3 to conduct sharing and compatibility studies with existing primary services, including in adjacent frequency bands;

4 to determine the possibility of removing the aeronautical mobile service exception or other suitable regulatory measures in the frequency ranges 694-960 MHz in Region 1 and 890‑942 MHz in Region 2, based on the results of studies,

invites the 2027 World Radiocommunication Conference

to consider the results of the above studies and take appropriate actions.

**Reasons:** Revision of Resolution **251 (WRC-19)** is needed to support study of the demand and future requirements from the aeronautical community and IMT networks can provide connectivity services to helicopters, small aircraft and unmanned aircraft systems (UAS).

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