



General Secretariat (SG)

Geneva, 16 November 2018

Ref: **DM-18/1006**
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To the United Nations;
Regional telecommunication
organizations;
Intergovernmental organizations operating
satellite systems;
Specialized agencies of the United
Nations and the International Atomic Energy
Agency;
ITU-R Sector Members

Subject: **World Radiocommunication Conference 2019 (WRC-19)**

Dear Sir/Madam,

I have the honour to inform you that, following the adoption of Resolution 1380 (modified 2017) by the Council of the ITU, and in concurrence with the majority of the Member States, the forthcoming World Radiocommunication Conference (WRC-19) will take place in Sharm el-Sheikh, Egypt, from 28 October to 22 November 2019. The agenda of the Conference, contained in Council Resolution 1380 (modified 2017), is attached in the Annex. The Government of Egypt confirmed subsequently that the Conference will be held at the Sharm El Sheikh International Congress Center (SHICC).

The Council also decided to hold a Radiocommunication Assembly (RA-19) immediately preceding the WRC-19 from 21 to 25 October 2019. A separate invitation will be sent in this respect.

Pursuant to the relevant provisions of Articles 23 and 24 of the Convention, I am pleased to invite your organization/entity to participate to WRC-19 as observer. I would like to draw your attention to Resolution 145 (Antalya, 2006), in particular in which Annexes 2 and 3 are applicable to this Conference.

In accordance with the provisions of No. 10 of the General Rules, I would kindly ask you to confirm to ITU-R.Registrations@itu.int, at least one month before the date of opening of the Conference (i.e. **28 September 2019**), whether your organization/entity intends to attend.

To fully assist in the preparation for WRC-19, the Radiocommunication Bureau will issue a subsequent Administrative Circular that will set forth details on:

- preparatory documentation requirements;
- registration procedures.

Preliminary information can be found on the WRC-19 website at: www.itu.int/go/WRC-19

Yours faithfully,

A handwritten signature in blue ink, consisting of stylized Chinese characters, with a small arrow pointing down towards the printed name below.

Houlin Zhao
Secretary-General

Annex: 1

ANNEX

RESOLUTION 1380 (MODIFIED 2017)
(adopted at the eighth Plenary Meeting)

**Place, dates and agenda of the World Radiocommunication Conference
(WRC-19)**

The Council,

noting

that Resolution 809 of the World Radiocommunication Conference (Geneva, 2015):

- a) resolved to recommend to the Council that a world radiocommunication conference be held in 2019 for a maximum period of four weeks;
- b) recommended its agenda, and invited the Council to finalize the agenda and arrange for the convening of WRC-19 and to initiate as soon as possible the necessary consultation with Member States,

noting further

that the Government of the Arab Republic of Egypt has invited the International Telecommunication Union to hold the World Radiocommunication Conference 2019 in the city of Sharm el-Sheikh (Egypt),

resolves

to convene a World Radiocommunication Conference (WRC-19) in Sharm el-Sheikh (Egypt) from 28 October to 22 November 2019, preceded by the Radiocommunication Assembly from 21 to 25 October 2019, with the following agenda:

1 on the basis of proposals from administrations, taking account of the results of WRC-15 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:

1.1 to consider an allocation of the frequency band 50-54 MHz to the amateur service in Region 1, in accordance with Resolution **658 (WRC-15)**;

1.2 to consider in-band power limits for earth stations operating in the mobile-satellite service, meteorological-satellite service and Earth exploration-satellite service in the frequency bands 401-403 MHz and 399.9-400.05 MHz, in accordance with Resolution **765 (WRC-15)**;

1.3 to consider possible upgrading of the secondary allocation to the meteorological-satellite service (space-to-Earth) to primary status and a possible primary allocation to the Earth exploration-satellite service (space-to-Earth) in the frequency band 460-470 MHz, in accordance with Resolution **766 (WRC-15)**;

1.4 to consider the results of studies in accordance with Resolution **557 (WRC-15)**, and review, and revise if necessary, the limitations mentioned in Annex 7 to Appendix **30 (Rev.WRC-15)**, while ensuring the protection of, and without imposing additional constraints on, assignments in the Plan and the List and the

future development of the broadcasting-satellite service within the Plan, and existing and planned fixed-satellite service networks;

1.5 to consider the use of the frequency bands 17.7-19.7 GHz (space-to-Earth) and 27.5-29.5 GHz (Earth-to-space) by earth stations in motion communicating with geostationary space stations in the fixed-satellite service and take appropriate action, in accordance with Resolution **158 (WRC-15)**;

1.6 to consider the development of a regulatory framework for non-GSO FSS satellite systems that may operate in the frequency bands 37.5-39.5 GHz (space-to-Earth), 39.5-42.5 GHz (space-to-Earth), 47.2-50.2 GHz (Earth-to-space) and 50.4-51.4 GHz (Earth-to-space), in accordance with Resolution **159 (WRC-15)**;

1.7 to study the spectrum needs for telemetry, tracking and command in the space operation service for non-GSO satellites with short duration missions, to assess the suitability of existing allocations to the space operation service and, if necessary, to consider new allocations, in accordance with Resolution **659 (WRC-15)**;

1.8 to consider possible regulatory actions to support Global Maritime Distress Safety Systems (GMDSS) modernization and to support the introduction of additional satellite systems into the GMDSS, in accordance with Resolution **359 (Rev.WRC-15)**;

1.9 to consider, based on the results of ITU-R studies:

1.9.1 regulatory actions within the frequency band 156-162.05 MHz for autonomous maritime radio devices to protect the GMDSS and automatic identifications system (AIS), in accordance with Resolution **362 (WRC-15)**;

1.9.2 modifications of the Radio Regulations, including new spectrum allocations to the maritime mobile-satellite service (Earth-to-space and space-to-Earth), preferably within the frequency bands 156.0125-157.4375 MHz and 160.6125-162.0375 MHz of Appendix **18**, to enable a new VHF data exchange system (VDES) satellite component, while ensuring that this component will not degrade the current terrestrial VDES components, applications specific messages (ASM) and AIS operations and not impose any additional constraints on existing services in these and adjacent frequency bands as stated in *recognizing d) and e)* of Resolution **360 (Rev.WRC-15)**;

1.10 to consider spectrum needs and regulatory provisions for the introduction and use of the Global Aeronautical Distress and Safety System (GADSS), in accordance with Resolution **426 (WRC-15)**;

1.11 to take necessary actions, as appropriate, to facilitate global or regional harmonized frequency bands to support railway radiocommunication systems between train and trackside within existing mobile service allocations, in accordance with Resolution **236 (WRC-15)**;

1.12 to consider possible global or regional harmonized frequency bands, to the maximum extent possible, for the implementation of evolving Intelligent Transport Systems (ITS) under existing mobile-service allocations, in accordance with Resolution **237 (WRC-15)**;

1.13 to consider identification of frequency bands for the future development of International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution **238 (WRC-15)**;

1.14 to consider, on the basis of ITU-R studies in accordance with Resolution **160 (WRC-15)**, appropriate regulatory actions for high-altitude platform stations (HAPS), within existing fixed-service allocations;

1.15 to consider identification of frequency bands for use by administrations for the land-mobile and fixed services applications operating in the frequency range 275-450 GHz, in accordance with Resolution **767 (WRC-15)**;

1.16 to consider issues related to wireless access systems, including radio local area networks (WAS/RLAN), in the frequency bands between 5 150 MHz and 5 925 MHz, and take the appropriate regulatory actions, including additional spectrum allocations to the mobile service, in accordance with Resolution **239 (WRC-15)**;

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-15)**, 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)**;

3 to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the conference;

4 in accordance with Resolution **95 (Rev.WRC-07)**, to review the resolutions and recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

5 to review, and take appropriate action on, the Report from the Radiocommunication Assembly submitted in accordance with Nos. 135 and 136 of the Convention;

6 to identify those items requiring urgent action by the radiocommunication study groups in preparation for the next world radiocommunication conference;

7 to consider possible changes, and other options, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, an advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution **86 (Rev.WRC-07)**, in order to facilitate rational, efficient and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit;

8 to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution **26 (Rev.WRC-07)**;

9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:

9.1 on the activities of the Radiocommunication Sector since WRC-15;

9.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations^{*}; and

9.3 on action in response to Resolution **80 (Rev.WRC-07)**;

10 to recommend to the Council items for inclusion in the agenda for the next WRC, and to give its views on the preliminary agenda for the subsequent conference and on possible agenda items for future conferences, in accordance with Article 7 of the Convention,

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-19,

* This agenda item is strictly limited to the Report of the Director on any difficulties or inconsistencies encountered in the application of the Radio Regulations and the comments from administrations.

instructs the Secretary-General

- 1 to consult the Member States on the precise place and exact dates of the 2019 World Radiocommunication Conference and Radiocommunication Assembly, as well as on the agenda of the World Radiocommunication Conference 2019;
 - 2 to make all the necessary arrangements, in agreement with the Director of the Radiocommunication Bureau, for the convening of the Conference;
 - 3 to communicate this Resolution to international and regional organizations concerned.
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