

Terms of Reference
for the
Informal Working Groups

**WRC-07 ADVISORY COMMITTEE
INFORMAL WORKING GROUP 1
(IWG-1)**

TERMS OF REFERENCE

IWG-1

Terrestrial and Space Science Services

Using the Charter for the WRC-07 Advisory Committee as a basic document, the Terms of Reference for IWG-1 is to develop Preliminary Views and Proposals on all matters concerning the WRC-07 Agenda Items assigned to it. These Preliminary Views and Proposals are for consideration by the Advisory Committee as a whole, on the following WRC-07 Agenda Items:

1.2 to consider allocations and regulatory issues related to the Earth exploration-satellite (passive) service, space research (passive) service and the meteorological satellite service in accordance with Resolutions **746 (WRC-03)** and **742 (WRC-03)**;

1.3 in accordance with Resolution **747 (WRC-03)**, consider upgrading the radiolocation service to primary allocation status in the bands 9 000-9 200 MHz and 9 300-9 500 MHz and extending by up to 200MHz the existing primary allocations to the Earth exploration-satellite service (active) and the space research service (active) in the band 9 500-9 800 MHz without placing undue constraint on the services to which the bands are allocated;

1.5 to consider spectrum requirements and possible additional spectrum allocations for aeronautical telecommand and high bit-rate aeronautical telemetry, in accordance with Resolution **230 (WRC-03)**;

1.14 to review the operational procedures and requirements of the Global Maritime Distress and Safety System (GMDSS) and other related provisions of the Radio Regulations, taking into account Resolutions **331 (Rev.WRC-03)** and **342 (Rev.WRC-2000)** and the continued transition to the GMDSS, the experience since its introduction, and the needs of all classes of ships;

1.16 to consider the regulatory and operational provisions for Maritime Mobile Service Identities (MMSIs) for equipment other than shipborne mobile equipment, taking into account Resolutions **344 (Rev.WRC-03)** and **353 (WRC-03)**;

1.20 to consider the results of studies, and proposals for regulatory measures, if appropriate, regarding the protection of the Earth exploration-satellite service (passive) from unwanted emissions of active services in accordance with Resolution **738 (WRC-03)**;

4 in accordance with **Resolution 95 (Rev.WRC-03)**, to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

7.2 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 subsequent conference and on possible agenda items for future conferences, taking into account Resolution 803 (WRC-03),

Where appropriate, IWG-1 Preliminary Views and Proposals shall address the International Radio Regulations, their Appendices, Resolutions and Recommendations, including additions, modifications or suppressions that may be required. IWG-1's Proposals to WRC-07 shall be supported by narrative text indicating:

- the basis of the need for any changes that may be required including any rationale that may be useful to promoting and negotiating the recommendation; and
- the relationship or dependency upon preparatory work and/or recommendations of other domestic and international groups outside the terms of reference of this group.

Any relevant papers and/or studies developed in IWG-1 shall be input to the WRC-07 Advisory Committee (WAC-07).

The Designated Federal Official (DFO) or the Advisory Committee Chair may modify the terms of reference of this Informal Working Group.

WRC-07 ADVISORY COMMITTEE

INFORMAL WORKING GROUP 2 (IWG-2): SATELLITE SERVICES AND HAPS

TERMS OF REFERENCE

Using the Charter for the WRC-07 Advisory Committee (“Committee”) as the basic document, the Terms of Reference for IWG-2 are to draft and justify for consideration by the Committee as a whole recommendations for U.S. Preliminary Views and Proposals related to:

- (1) to study current satellite frequency allocations, that will support the modernization of civil aviation telecommunication systems, taking into account Resolution **415 (WRC-03)** (WRC-07 Agenda Item 1.6 (Res. 415 only));
- (2) to consider the results of ITU-R studies regarding sharing between the mobile-satellite service and the space research service (passive) in the band 1 668-1 668.4 MHz, and between the mobile-satellite service and the mobile service in the band 1 668.4-1 675 MHz in accordance with Resolution **744 (WRC-03)** (WRC-07 Agenda Item 1.7);
- (3) to consider the results of ITU-R studies on technical sharing and regulatory provisions for the application of high altitude platform stations operating in the bands 27.5-28.35 GHz and 31-31.3 GHz in response to Resolution **145 (WRC-03)**, and for high altitude platform stations operating in the bands 47.2-47.5 GHz and 47.9-48.2 GHz in response to Resolution **122 (Rev.WRC-03)** (WRC-07 Agenda Item 1.8);
- (4) to consider the results of ITU-R studies on compatibility between the fixed-satellite service and other services around 1.4 GHz, in accordance with Resolution **745 (WRC-03)** (WRC-07 Agenda Item 1.17);
- (5) to review pfd limits in the band 17.7-19.7 GHz for satellite systems using highly inclined orbits, in accordance with Resolution **141 (WRC-03)** (WRC-07 Agenda Item 1.18);
- (6) to consider the results of the ITU-R studies regarding spectrum requirement for global broadband satellite systems in order to identify possible global harmonized FSS frequency bands for the use of Internet applications, and consider the appropriate regulatory/technical provisions, taking also into account No. **5.516B** of the Radio Regulations (WRC-07 Agenda Item 1.19);
- (7) to consider the results of studies, regarding the compatibility between the radio astronomy service and the active space services in accordance with Resolution **740**

(WRC-03), in order to review and update, if appropriate, the tables of threshold levels used for consultation that appear in the Annex to Resolution **739 (WRC-03)** (WRC-07 Agenda Item 1.21);

(8) in accordance with **Resolution 95 (Rev.WRC-03)**, to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation (WRC-07 Agenda Item 4 (satellite services and HAPS only));

(9) 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 subsequent conference and on possible agenda items for future conferences, taking into account Resolution **803 (WRC-03)** (WRC-07 Agenda Item 7.2 (satellite services and HAPS only));

(10) any related matters identified by the Designated Federal Officer.

Where appropriate, IWG-2 Preliminary Views and Proposals shall address the International Radio Regulations, their Appendices, Resolutions and Recommendations, including additions, modifications or suppressions that may be required. Any proposals involving changes to the ITU Radio Regulations shall be accompanied by specific proposals in the proper ITU format regarding modifications to the text of the Radio Regulations.

IWG-2's recommendations for U.S. Preliminary Views and Proposals to WRC-07 shall be supported by narrative text indicating:

- the basis of the need for any changes that may be required including any rationale that may be useful to promoting and negotiating the recommendation; and
- the relationship or dependency upon preparatory work and/or recommendations of other domestic and international groups outside the terms of reference of this group.

The Designated Federal Official (DFO) or the Advisory Committee Chair may modify the terms of reference of this Informal Working Group.

**WRC-07 ADVISORY COMMITTEE
INFORMAL WORKING GROUP 3
(IWG-3)**

TERMS OF REFERENCE

IWG-3

IMT-2000 and 2.5 GHz Sharing Issues

Using the Charter for the WRC-07 Advisory Committee as a basic document, the Terms of Reference for IWG-3 is to develop Preliminary Views and Proposals on all matters concerning the WRC-07 Agenda Items assigned to it. These Preliminary Views and Proposals are for consideration by the Advisory Committee as a whole, on the following WRC-07 Agenda Items:

1.4 to consider frequency-related matters for the future development of IMT-2000 and systems beyond IMT-2000 taking into account the results of ITU-R studies in accordance with Resolution **228 (Rev.WRC-03)**;

1.9 to review the technical, operational and regulatory provisions applicable to the use of the band 2 500-2 690 MHz by space services in order to facilitate sharing with current and future terrestrial services without placing undue constraint on the services to which the band is allocated;

4 in accordance with **Resolution 95 (Rev.WRC-03)**, to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

7.2 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 subsequent conference and on possible agenda items for future conferences, taking into account Resolution 803 (WRC-03),

Where appropriate, IWG-3 Preliminary Views and Proposals shall address the International Radio Regulations, their Appendices, Resolutions and Recommendations, including additions, modifications or suppressions that may be required. IWG-3's Proposals to WRC-07 shall be supported by narrative text indicating:

- the basis of the need for any changes that may be required including any rationale that may be useful to promoting and negotiating the recommendation; and

- the relationship or dependency upon preparatory work and/or recommendations of other domestic and international groups outside the terms of reference of this group.

Any relevant papers and/or studies developed in IWG-3 shall be input to the WRC-07 Advisory Committee (WAC-07).

The Designated Federal Official (DFO) or the Advisory Committee Chair may modify the terms of reference of this Informal Working Group.

**WRC-07 ADVISORY COMMITTEE
INFORMAL WORKING GROUP 4
IWG-4, Broadcasting and Amateur Issues**

TERMS OF REFERENCE

IWG-4

Broadcasting and Amateur Issues

Using the Charter for the WRC-07 Advisory Committee as a basic document, the Terms of Reference for IWG-4 is to develop Preliminary Views and Proposals on all matters concerning the WRC-07 Agenda Items assigned to it. These Preliminary Views and Proposals are for consideration by the Advisory Committee as a whole, on the following WRC-07 Agenda Items:

1.6 to consider additional allocations for the aeronautical mobile (R) service in parts of the bands between 108 MHz and 6 GHz, in accordance with **Resolution 414 (WRC-03)**;

1.11 to review sharing criteria and regulatory provisions for protection of terrestrial services, in particular the terrestrial television broadcasting service, in the band 620-790 MHz from BSS networks and systems, in accordance with **Resolution 545 (WRC-03)**;

1.13 taking into account **Resolution 729 (WRC-03)**, **351 (WRC-03)** and **544 (WRC-03)**, to review the allocations to all services in the HF bands between 4 MHz and 10 MHz, excluding those allocations to services in the frequency range 7 000–7 200 kHz and those bands whose allotment plans are in **Appendix 25, 26 and 27** and whose channeling arrangements are in **Appendix 17**, taking account of the impact of new modulation techniques, adaptive control techniques and spectrum requirements for HF broadcasting;

1.15 to consider a secondary allocation to the amateur service in the frequency band 135.7-137.8 kHz;

4 in accordance with **Resolution 95 (Rev.WRC-03)**, to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

7.1(Rec. 723) to consider and approve the report of the Director of the Radiocommunications Bureau on activities related to Electronic News Gathering (ENG);

7.2 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 subsequent conference and on possible agenda items for future conferences, taking into account Resolution 803 (WRC-03),

Where appropriate, IWG-4 Preliminary Views and Proposals shall address the International Radio Regulations, their Appendices, Resolutions and Recommendations, including additions, modifications or suppressions that may be required. IWG-4's Proposals to WRC-07 shall be supported by narrative text indicating:

- the basis of the need for any changes that may be required including any rationale that may be useful to promoting and negotiating the recommendation; and
- the relationship or dependency upon preparatory work and/or recommendations of other domestic and international groups outside the terms of reference of this group.

Any relevant papers and/or studies developed in IWG-4 shall be input to the WRC-07 Advisory Committee (WAC-07).

The Designated Federal Official (DFO) or the Advisory Committee Chair may modify the terms of reference of this Informal Working Group.

**WRC-07 ADVISORY COMMITTEE
INFORMAL WORKING GROUP 5
(IWG-5)**

TERMS OF REFERENCE

IWG-5

Regulatory Issues

Using the Charter for the WRC-07 Advisory Committee as a basic document, the Terms of Reference for IWG-5 are to develop draft preliminary views and proposals on all matters concerning the WRC-07 Agenda Items assigned to it. These draft preliminary views and proposals are for consideration by the Advisory Committee as a whole for consideration by the Commission as recommended U.S. proposals, on the following WRC-07 Agenda Items:

- 1.1 requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, in accordance with Resolution **26 (Rev.WRC-97)**;
- 1.10 to review the regulatory procedures and associated technical criteria of Appendix **30B** without any action on the allotments, the existing systems or the assignments in the List of Appendix **30B**;
- 1.12 to consider possible changes in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference: “Coordination and notification procedures for satellite networks” in accordance with Resolution **86 (WRC-03)**;
- 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 principles contained in the Annex to Resolution **27 (Rev.WRC-03)**;
- 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-03)**, 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 in accordance with Article 7 of the Convention:
 - 7.1 to consider and approve the Report of the Director of the Radiocommunication Bureau:
 - on the activities of the Radiocommunication Sector since WRC-03;
 - on any difficulties or inconsistencies encountered in the application of the Radio Regulations; and
 - on action in response to **Resolution 80 (Rev.WRC-2000)**;
 - 7.2 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 subsequent conference and on possible agenda items for future conferences, taking into account Resolution 803 (WRC-03),

Where appropriate, IWG-5 draft preliminary views and proposals shall address the Radio Regulations, their Appendices, Resolutions and Recommendations, including additions, modifications or suppressions that may be required. IWG-5's draft proposals to WRC-07 shall be supported by narrative text indicating:

- the basis of the need for any changes that may be required including any rationale that may be useful to promoting and negotiating the recommendation; and
- the relationship or dependency upon preparatory work and/or recommendations of other domestic and international groups outside the terms of reference of this group.

Any relevant papers and/or studies developed in IWG-5 shall be input to the WRC-07 Advisory Committee (WAC-07).

The Designated Federal Official (DFO) or the Advisory Committee Chair may modify the terms of reference of this Informal Working Group.