

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.