WRC-15 ADVISORY COMMITTEE INFORMAL WORKING GROUP 3 (IWG-3) TERMS OF REFERENCE

IWG-3 Space Services

Using the Charter for the WRC-15 Advisory Committee as a basic document, the Terms of Reference for IWG-3 is to develop Preliminary Views and Proposals recommendations on all matters concerning the following WRC-15 Agenda Items:

- to consider the use of frequency bands allocated to the fixed-satellite service not subject to Appendices **30**, **30A** and **30B** for the control and non-payload communications of unmanned aircraft systems (UAS) in non-segregated airspaces, in accordance with Resolution **153** (WRC-**12**);
- 1.6 to consider possible additional primary allocations:
 - 1.6.1 to the fixed-satellite service (Earth-to-space and space-to-Earth) of 250 MHz in the range between 10 GHz and 17 GHz in Region 1;
 - 1.6.2 to the fixed-satellite service (Earth-to-space) of 250 MHz in Region 2 and 300 MHz in Region 3 within the range 13-17 GHz;
 - and review the regulatory provisions on the current allocations to the fixed-satellite service within each range, taking into account the results of ITU-R studies, in accordance with Resolutions 151 (WRC-12) and 152 (WRC-12), respectively;
- 1.7 to review the use of the band 5 091-5 150 MHz by the fixed-satellite service (Earth-to-space) (limited to feeder links of the non-geostationary mobile-satellite systems in the mobile-satellite service) in accordance with Resolution 114 (Rev.WRC-12);
- to review the provisions relating to earth stations located on board vessels (ESVs), based on studies conducted in accordance with Resolution 909 (WRC-12);
- 1.9 to consider, in accordance with Resolution **758** (WRC-12):
 - 1.9.1 possible new allocations to the fixed-satellite service in the frequency bands 7 150-7 250 MHz (space-to-Earth) and 8 400-8 500 MHz (Earth-to-space), subject to appropriate sharing conditions;
 - 1.9.2 the possibility of allocating the bands 7 375-7 750 MHz and 8 025-8 400 MHz to the maritime-mobile satellite service and additional regulatory measures, depending on the results of appropriate studies;
- to consider spectrum requirements and possible additional spectrum allocations for the mobile-satellite service in the Earth-to-space and space-to-Earth

directions, including the satellite component for broadband applications, including International Mobile Telecommunications (IMT), within the frequency range from 22 GHz to 26 GHz, in accordance with Resolution **234** (WRC-12);

- to consider a primary allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range, in accordance with Resolution **650** (WRC-12);
- to consider an extension of the current worldwide allocation to the Earth exploration-satellite (active) service in the frequency band 9 300-9 900 MHz by up to 600 MHz within the frequency bands 8 700-9 300 MHz and/or 9 900-10 500 MHz, in accordance with Resolution **651 (WRC-12)**;
- 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,

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 recommendations for WRC-15 Proposals 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 documents and/or studies developed in IWG-3 may be provided to the WRC-15 Advisory Committee. Preliminary Views and Proposals recommendations shall be provided for consideration and approval by the Advisory Committee as a whole.

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