

**WRC-11 ADVISORY COMMITTEE
INFORMAL WORKING GROUP 1
(IWG-1)**

TERMS OF REFERENCE

IWG-1-Maritime, Aeronautical and Radar Services

Using the Charter for the WRC-11 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-11 Agenda Items assigned to it. These Preliminary Views and Proposals are for consideration by the Advisory Committee as a whole, on the following WRC-11 Agenda Items:

1.3 to consider spectrum requirements and possible regulatory actions, including allocations, to support the safe operation of unmanned aircraft systems (UAS), based on the results of ITU-R studies, in accordance with Resolution **421 (WRC 07)**;

1.4 to consider, based on the results of ITU-R studies, any further regulatory measures to facilitate introduction of new aeronautical mobile (R) service (AM(R)S) systems in the bands 112-117.975 MHz, 960-1 164 MHz and 5 000-5 030 MHz in accordance with Resolutions **413 (Rev.WRC 07)**, **417 (WRC 07)** and **420 (WRC 07)**;

1.9 to revise frequencies and channeling arrangements of Appendix 17 to the Radio Regulations in accordance with Resolution **351 (Rev. WRC-07)** in order to implement new digital technologies for the maritime mobile service;

1.10 to examine frequency allocation requirements with regard to operation of safety systems for ships and ports and associated regulatory provisions, in accordance with Resolution **357 (WRC-07)**;

1.12 to protect the primary services in the band 37-38 GHz from interference resulting from aeronautical mobile service operations, taking into account the results of ITU-R studies, in accordance with Resolution **754 (WRC-07)**;

1.14 to consider requirements for new applications in the radiolocation service and review allocations or regulatory provisions for implementation of the radiolocation service in the range 30-300 MHz, in accordance with Resolution **611 (WRC-07)**;

1.15 to consider possible allocations in the range 3-50 MHz to the radiolocation service for oceanographic radar applications, taking into account the results of ITU-R studies, in accordance with Resolution **612 (WRC-07)**;

1.21 to consider a primary allocation to the radiolocation service in the band 15.4-15.7 GHz, taking into account the results of ITU-R studies, in accordance with Resolution **614 (WRC 07)**;

8.2 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 the subsequent conference and on possible agenda items for future conferences, taking into account Resolution 806 (WRC 07).

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-11 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-1 shall be provided to the WRC-11 Advisory Committee (WAC-11).

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

