

PCC.II/RES. 76 (XVII-11)¹

**CREATION OF AN AD HOC GROUP TO ADDRESS THE DIGITAL DIVIDEND SPECTRUM
RESULTING FROM THE DIGITAL TELEVISION TRANSITION AND OPPORTUNITIES FOR
APPLICATION CONVERGENCE**

The XVII Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

CONSIDERING:

- a) That one of the mandates of CITEI Permanent Consultative Committee II is to promote the development and implementation of modern technologies and new radiocommunications services, including broadcasting, specifically their technical and operational aspects, to meet the needs of member states;
- b) That member states across the Americas have started to plan for and implement the transition from analog to digital television;
- c) That member states are faced with many challenges as they transition from analog to digital television;
- d) That the transition from analog to digital television will result in a “digital dividend” of spectrum that could be made available for other radiocommunication services, including broadband;
- e) That the collection of information related to the digital dividend, may help the member states carry out the studies essential to decide what services will be able to make use of the spectrum made available by the analog switch-off;
- f) That a single forum will allow member states and associate members to discuss all the issues relating to the transition from analog to digital television and how to make best use of any spectrum made available as a result of the transition,

RESOLVES:

- 1. To create an Ad Hoc Group to address the transition from analog to digital television and the resulting digital dividend and opportunities for application convergence that will provide a forum for member states and associate members to share experiences and plans from the Americas region.
- 2. To revoke Resolution PCC.II/RES. 70 (XVI-10).

¹ CCP.II-RADIO/doc. 2692/11

ANNEX TO RESOLUTION PCC.II/RES. 76 (XVII-11)

AD HOC GROUP TO ADDRESS THE DIGITAL DIVIDEND SPECTRUM RESULTING FROM THE DIGITAL TELEVISION TRANSITION AND OPPORTUNITIES FOR APPLICATION CONVERGENCE

1. MANDATE

To address issues related to the digital dividend spectrum resulting from the analog to digital television transition.

2. AUTHORITIES

Chair: MEXICO
Vice-Chair 1: ARGENTINA
Vice-Chair 2: GUYANA

3. TERMS OF REFERENCE

To consider issues related to the digital dividend spectrum and opportunities for application convergence including:

- Estimation of the size of the “digital dividend” in each of the region’s countries and when it will be available, as well as identification of common spectrum portions for potential harmonization;
- Types of services and applications that might be introduced;
- Available technology choices including support for possible convergent offerings between digital television broadcast providers and mobile broadband service providers;
- Methods to evaluate the market value of the spectrum portion released by the analog switch-off;
- Mechanisms to facilitate the eventual reallocation of spectrum in an efficient and timely fashion;
- Possible bandplans, taking into account bandplans that are being developed in regions 1, 2, and 3 of the International Telecommunication Union (ITU) and relevant ITU Recommendations;
- Optimization of the mechanism to achieve coordinated use of the frequencies in the border areas;
- Opportunities for the deployment of public safety and protection networks and/or services;
- Opportunities for the deployment of convergent broadcasting and telecommunication networks and/or services, giving rise to new applications;
- Methods for the gradual and harmonious introduction of the new services; as well as for the phased-in approaches to utilize freed up spectrum; and
- Taking into account:
 - current and future Studies;
 - information from other regions related to the digital dividend, and
 - the relevant parts of the Digital Terrestrial Television Broadcasting Implementation Guide, such as the timeline to implement digital television and the amount of spectrum that will

available included in Section 3 of the Guide and the responses submitted by the Members in relation to PCC.II/DEC. 70(XII-08).

The term of this group will be two years.