

**WORKSHOP TO ADDRESS THE TRANSITION TO DIGITAL TELEVISION AND THE
FUTURE OF BROADCASTING**

The XXVI Meeting of the Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) That broadcasting is the most widely utilized means of mass media communication in the world, which continues to evolve and play a critical role in bringing both information and entertainment to everyone;
- b) That the Inter-American Commission on Human Rights validates audiovisual media as an instrument of freedom of expression and information and that digitalization of television signals is an opportunity to provide universal access to all types of information and ideas, media diversity, and pluralism of information and opinions;
- c) That broadcasting plays a vital role in emergency alerting and information dissemination to the affected citizens in times of disaster;
- d) That the terms of reference of the broadcasting working group include obtaining and disseminating information regarding new transmission and access technologies in broadcasting services in Region 2;
- e) That it is an objective of the broadcasting working group to encourage the Region 2 administrations to implement digital technologies related directly and indirectly to broadcasting services and to promote the introduction of new technologies in broadcasting;
- f) That several administrations have already concluded their transition from analog to digital television transmission and are now considering approaches to transition from their first-generation digital television systems to a second-generation digital television system, and that this experience is very valuable for those who are still in the course of planning their transition process and assessing the future spectrum needs for broadcasting;
- g) That the Permanent Consultative Committees (PCCs) of CITEL have made efforts to schedule workshops regularly on a diversity of topics with the intention of circulating information;
- h) That one of PCC.II's mandates is to foster the development and the implementation of modern technologies and new radiocommunication services, specifically their technical and operational aspects in order to understand the changing needs of the Member States; and
- i) That there is a need to facilitate the circulation of information on important innovations in broadcasting among the countries of the Region,

¹ CCP.II-RADIO/doc. 4004/15 rev.1

NOTING:

- a) That new generation of systems designed to provide robust mobile reception, enhanced ultra-high definition video, immersive audio, strengthened emergency alerting and information dissemination capabilities and non-video data delivery opportunities that will be advantageous to broadcasters;
- b) That television broadcasting executives, technologists and engineers gathered recently in the Future of Broadcast Television Forum calling for global cooperation to define new requirements, unify various standards, and promote sharing of technologies,

RECOGNIZING:

- a) The usefulness of the workshops as an efficient mechanism to focus attention on important current topics, and to increase the level of knowledge of them;
- b) That it is important to analyze the recent developments of broadcasting technologies;
- c) That it is also important to consolidate and share experiences regarding the deployment of digital television;
- d) That it is crucial to assess the future spectrum needs required to maintain a robust broadcast infrastructure throughout the world; and
- f) That the information presented at the CITEL workshops is an important source of reference for other international and regional organizations,

RESOLVES:

1. To hold a Workshop on the transition to digital television and the future of broadcasting during the XXVII meeting of PCC.II using a maximum of two of the sessions assigned to the Working Group on Broadcasting.
2. To appoint Mr. Jerald Fritz from NABA jointly with the Working Group on Broadcasting Chair and Vice-chair and the Secretariat of CITEL, to coordinate this Workshop.
3. To adopt the preliminary draft program for the Workshop in the Annex to this Resolution.

INSTRUCTS THE EXECUTIVE SECRETARY:

To send this Resolution to the Member States, Associate Members, and Permanent Observers, urging them to participate in the workshop.

ANNEX TO RESOLUTION PCC.II/RES. 107 (XXVI-15)

PRELIMINARY DRAFT PROGRAM

**WORKSHOP TO ADDRESS THE TRANSITION TO DIGITAL TELEVISION AND THE
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First session “Digital Transition Experiences Session”

Examination of the conversion from analog to digital transmission systems and the future conversion from first generation digital systems to next generation digital systems, with attention paid to the status of Region 2 countries. Panel will feature representatives from countries that have transitioned, are in the process of transitioning and have yet to transition who will discuss lessons on what has worked and provide guidance on best practices.

- Regional Overview (ITU-D)
- Mexican Experience
- Brazilian Experience
- United States of America Experience
- Others to be confirmed

Second session - “Next Generation of Broadcasting”

Examination of new technological developments in broadcast transmission standards concentrating on effects and opportunities associated with IP-based systems to provide robust mobile reception, ultra-high definition video, immersive audio, strengthened emergency capabilities and the broad range of other possibilities. Panelists will discuss standards, requirements and recent developments, implementation issues and equipment capabilities.

- ATSC 3.0 Standard Goals and Approaches (ATSC)
- Requirements and recent developments of ISDB-T (SBTVD Forum)
- Implementation Issues; Business Opportunities (to be confirmed)
- Others to be confirmed