

PCC.II/RES. 83 (XIX-12) ¹

**RAPPORTEURSHIP ON ISSUES CONCERNING THE UPDATING AND REVISION OF THE
1981 AND 1988 RIO DE JANEIRO AGREEMENTS**

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

CONSIDERING:

- a) That in Region 2, the use of the AM bands is governed by the 1981 Río de Janeiro Agreement (RJ81), for the band of 535 to 1605 kHz, and the 1988 Rio de Janeiro Agreement”(RJ88), for the band of 1605 to 1705 kHz;
- b) That the technical criteria defined in them, even if they were right at that moment, and the frequency distribution resulting from the Plan, based on demand estimations, have provided little or no margin for the modification of characteristics or for the introduction of an assignment in some areas of the Americas region;
- c) That, on the other hand, several countries in Region 2 have begun testing or implementing digital sound broadcasting systems for AM broadcasting;
- d) That the regulatory provisions of the “RJ81” and “RJ88” Agreements do not permit the introduction of digital modulation in the band they govern because the existing digital systems for this band do not meet the following requirements: (i) that the classes of emission be receivable by receivers employing envelope detectors and (ii) that the systems must occupy a bandwidth not exceeding 10 kHz;
- e) That careful planning and technical studies are required to ensure there is no harmful interference from digital emissions into existing or planned AM radio broadcast systems;
- f) This, therefore, would require a comprehensive revision and updating of the 1981 and 1988 Río de Janeiro Agreements,

RECOGNIZING:

- a) That the AM band is extensively used by administrations for the provision of broadcasting services;
- b) That many administrations have not met the analog services needs due to unavailability of spectrum;
- c) That, on the other hand, several administrations have an interest in protecting existing analog services along with the introduction of digital modulation;
- d) That a comprehensive review and updating of the 1981 and 1988 Rio de Janeiro Agreements requires the convening of a Regional Radiocommunication Conference of the countries of Region 2;

¹ CCP.II-RADIO/doc. 2969/12 rev.3

e) That, according to what has been said and to the results obtained, the possibility to invite all administrations to request the International Telecommunication Union (ITU) the convening of this Regional Conference should be evaluated,

RESOLVES:

1. To establish a Rapporteurship on issues concerning the updating and revision of the 1981 and 1988 Rio de Janeiro Agreements of the Working Group on Broadcasting of PCC.II whose objective is to compile relevant information for the revision and updating of the 1981 and 1988 Rio de Janeiro Agreements to include the technical criteria for the gradual transition of AM radio broadcasting from analog to digital.

2. To designate Mr. Claudio Castro of the Administration of Argentina as Rapporteur; and as co-Rapporteurs Mr. Thiago Aguiar Soares of the Administration of Brazil , Mr. Javier García of the Administration of Dominican Republic and Mr. Leonardo Marsili of the Administration of Uruguay.

3. To establish that the Rapporteurship shall have a period of two years, renewable, for their activities.

4. To facilitate the launch of activities of the Rapporteurship, to request all administrations to forward to the Rapporteur by September 15, 2012, their replies to the questions below:

- a) Indicate if you utilize, in your internal technical analyses, criteria other than those established in the 1981 and 1988 Rio de Janeiro Agreements;
- b) If so, please give details of these differences;
- c) Inform if you have updated information on maps of ground conductivity;
- d) Inform if you use the software platform developed by the International Telecommunication Union (ITU) in the early 1980s for technical analyses, or do you use another platform (if so, please indicate which one and specify whether it includes the analog/digital, digital/analog, and digital/digital cases);
- e) Indicate and describe in detail any proposal you consider useful for the revision and update of the technical criteria, such as levels of nominal usable field strength, protection ratio values, margins for flexibility in coordinating frequencies, etc.

5. To invite all administrations to participate in the activities of the Rapporteurship.

6. To instruct the Secretariat of CITEL to request the Terrestrial Services Department of the Radiocommunication Sector, International Telecommunication Union (ITU-R), the opportunity to provide technical assistance related to the activities of the Rapporteurship, considering that the 1981 and 1988 Río de Janeiro Agreements were adopted under the orbit of this international organization.

7. To request the Executive Secretary of CITEL to immediately send a circular attaching this Resolution and urging the administrations to provide the information mentioned in *resolves* 4 above.

8. To request the Executive Secretary of CITEL to report to the Chair of PCC.II and to the Chair of the Working Group on Broadcasting the responses of the diverse administrations.

9. To invite the Chairman of the Working Group on Broadcasting to prepare and present a progress report to the Plenary of the each PCC.II meeting regarding the activities of the Rapporteurship during the time the Rapporteurship will be performing.