<center>**PCC.II/RES. 136 (XXXV-20)** [1]</center>

<center>**WORKSHOP**
"DYNAMIC SPECTRUM MANAGEMENT: BEST PRACTICES AND NEW OPPORTUNITIES"</center>

The 35 Meeting of the Permanent Consultative Committee II: Radiocommunications,

CONSIDERING:

a)   The mandates set in the Strategic Plan for the period 2018-2022, approved by Resolution CITEL/Res. 85 (VII-18) at the VII Regular Meeting of the Assembly of CITEL and in particular the mandates "*(2) Discuss and share innovative practices in efficient spectrum management*" and "*(4) Promote research and development of new technologies that enables the implementation of radiocommunication networks and services with a more efficient use of spectrum*".

b)   That digital inclusion and digital transformation are key to economic growth and societal development. In addition to the traditional digital inclusion efforts, new innovative, affordable and sustainable connectivity schemes could be considered by the Administrations to give broadband access to those that still remain unconnected.

c)   That the dynamic spectrum management technologies have the potential to complement and provide alternative solutions in countries throughout the Americas region, including developing and least developed countries, and achieve the goals of connectivity in CITEL Administrations;

d)   That some CITEL Administrations have expressed interest in additional information about existing dynamic spectrum management technologies, considered frequency bands, regulatory frameworks that enable their use, practical experiences in the implementation of regulatory frameworks and the future challenges all over the world.

RECOGNIZING:

a)   That consumer demand for wireless connectivity is surging, but spectrum is a finite resource. This creates an opportunity to consider mechanisms to enable sharing of underused frequency bands and dynamic spectrum management techniques are an approach for this;

b)   The importance of unlicensed spectrum access and in particular Wireless Access Systems including Radio Local Area Networks (WAS/RLANs) in support of national telecommunications and connectivity plans in the region;

c)   The ongoing work of the PCC-II Working Group on Spectrum Management;

d)   The usefulness of workshops as an effective information exchange mechanism to focus attention on important current and emerging topics and to increase the level of understanding of CITEL Administrations;

---

[1] PCC.II-2018-35-5135r1_i

e)   That there are some Administrations inside and outside Region 2 that have had practical experiences with dynamic spectrum management and that it will be valuable to learn about their experiences;

f)   That it will be beneficial to have a presentation from the ITU-R about the subject;

g)   That information presented in CITEL workshops constitutes important background and a reference for other international and regional organizations,

RESOLVES:

1.   To hold a seminar at the 36th Meeting of PCC.II, on activities related to dynamic spectrum management in the Americas region, with a maximum duration of half a day;

2.   That the workshop contemplates topics related to dynamic spectrum sharing, such as new technologies and considered frequency bands for dynamic management, practical experiences in the implementation of regulatory frameworks, discussions about spectrum management policies and challenges for new regulatory framework for dynamic spectrum access in the Americas region;

3.   To hold the workshop pursuant to Resolution PCC.III/RES.86 (XII-99), entitled "Procedures for the Organization of Seminars," noting in particular that it would be held at no cost to CITEL;

4.   To appoint Mrs. Martha Suarez of DSA (email: martha.suarez@dynamicspectrumalliance.org, Tel + 57 317 517 9455) as the coordinator of the workshop.

REQUESTS:

1.   The Executive Secretary of CITEL to invite the ITU-R to participate in the workshop presenting a keynote about the subject.

INVITES:

1.   CITEL Administrations to participate in this workshop in order to share and exchange experiences, which will help ensure the success of the workshop;

2.   Experts on dynamic spectrum management techniques to provide presentations during the workshop;

3.   Member States and Associate Members of CITEL interested in participating in the workshop to contact the coordinator of the workshop.

ATTACHMENT 1

DRAFT AGENDA
WORKSHOP
"DYNAMIC SPECTRUM MANAGEMENT: BEST PRACTICES AND NEW OPPORTUNITIES"

8:00 – 8:20	*OPENING SESSION* • **Mario Fromow,** IFT Commissioner (Mexico) / Chair of PCC.II • **Oscar León,** Executive Secretary of CITEL
8:20 – 8:40	*Keynote Speaker:* **Mario Maniewicz - ITU** – How is spectrum sharing and dynamic spectrum management are reflected in the Radio Regulations and ITU-R vision.
08:40 - 10:00	*PART I - DIAGNOSIS: PANEL ABOUT THE DIFFERENT TYPES OF DYNAMIC SPECTRUM MANAGEMENT APPROACHES, CONSIDERED FREQUENCY BANDS AND PRACTICAL EXPERIENCES* **Moderated by Martha Suarez, DSA** **Panelists:** • Representative of Facebook (Invited) • Representative of Microsoft (Invited) • Representative of Loon (Invited) • Representative of Intel (TBC) • Representative of Nokia (TBC)
10:00 – 10:15	Break
10:15 – 11:30	*PART II – EXPERIENCES AND DEMO OF INNOVATIVE FRAMEWORKS FOR SPECTRUM SHARING IN THE USA, BRAZIL AND COLOMBIA* *USA - Keynote Speaker:* **Dante Ibarra - FCC (Invited)** *Brazil – Keynote Speaker:* **Agostinho Linhares – ANATEL (Invited)** *Colombia - Keynote Speaker:* **Miguel Felipe Anzola - ANE (Invited)** ***Demo about Spectrum Access Systems – SAS and/or AFC*** Representative from Google, Federated Wireless or CommScope - TBC Q&A

11:30 - 12:40	*PART III – SPECTRUM MANAGEMENT POLICIES AND REGULATORY FRAMEWORK FOR DYNAMIC SPECTRUM MANAGEMENT IN THE AMERICAS* *Keynote Speakers:* **Carol Sosa, Colombia and Carolina Jacquet, Paraguay (Invited)** Presentation of the results of the activities of the PCC.II Spectrum Management Group about unlicensed bands in the Americas. **Spectrum Authorities panel** **Panelists:** • José Arias, Mexico (Invited) • Agostinho Linares, Brazil (Invited) • Representative of Trinidad & Tobago - TBC • Representative of Canada - TBC • Representative of Argentina - TBC • Representatives of USA - TBC (FCC, NTIA)
12:40 - 12:45	*CLOSING CEREMONY*