

PCC.II/RES. 117 (XXIX-17)¹

SEMINAR: SPECTRUM NEEDS OF UTILITIES

The 29th Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II);

CONSIDERING:

a) That one of the mandates of Permanent Consultative Committee II: Radiocommunications is “to promote among the Member States harmonization of the use of the radiofrequency spectrum, taking into account especially the need to prevent and avoid harmful interference, as well as protection against the electromagnetic environment”, as per Resolution **CITEL RES. 74 (VI-14)** of the Sixth Regular Meeting of the CITEL Assembly (Annex – PPC.II).

b) That utilities urgently need access to additional spectrum that can support higher capacity applications and provide sufficient coverage over a wide area in order to fulfill regulatory and industry requirements related to safety, reliability, efficiency, security, and environmental quality.

c) That an Electronic Correspondence Group has been created by CITEL (PCC.II/DEC. 181 (XXVI-15)) to study the issue of the spectrum needs for the continual monitoring, control and protection of the critical infrastructure by utilities and to consider future action within CITEL and/or the ITU in order to promote the use of utility communications, including measures such as harmonization of spectrum.

d) That the Electronic Correspondence Group has reported to CITEL and a Questionnaire, contained in Decision PCC.II/DEC.185 (XXVII-16), has been circulated to request additional information from members of CITEL.

e) That a seminar on the issue of the use of spectrum by utilities may assist members of CITEL with the Questionnaire and provide a better understanding of the issue overall.

RESOLVES:

1. To approve the holding of the Seminar: “SPECTRUM NEEDS FOR THE CONTINUAL MONITORING, CONTROL AND PROTECTION OF THE CRITICAL INFRASTRUCTURE USED BY UTILITIES,” which will take place within the framework of the 30th Meeting of PCC II at a convenient time not to interfere with the work of the sessions.

2. To hold this Seminar free of all costs for CITEL, the CITEL Secretariat and the Host Country of the Meeting of the PCC.II.

3. To appoint the Rapporteur of the Electronic Correspondence Group, Brett Kilbourne (brett.kilbourne@utc.org) as Seminar coordinator working with the Chair of the Terrestrial Fixed and Mobile Working Group.

¹ CCPH-2017-29-4292r1_i

4. That the Utilities Technology Council and its partners would sponsor this seminar.
5. To approve the draft Agenda included in the Annex to this document as a starting point for the discussion of the issues to be addressed at the Seminar.

ANNEX TO RESOLUTION PCC.II/RES. 117 (XXIX-17)

PRELIMINARY AGENDA

**FOR PCC.II SEMINAR ON
SPECTRUM NEEDS FOR THE CONTINUAL MONITORING, CONTROL AND PROTECTION
OF THE CRITICAL INFRASTRUCTURE USED BY UTILITIES**

1.	Opening Remarks
2.	Institutional presentation of UTC
3.	Quest for spectrum <ul style="list-style-type: none"> • Why do utilities need to use radio solutions? • What are the special characteristics of utility telecommunications requirements? • Do all utilities have the same requirements? • How much bandwidth is required? • Can this spectrum be shared with other users? • Emerging threats • What is the timescale for this requirement? • What happens if this requirement is not met?
	Coffee Break
4.	Industry Panel
5.	Panel - Why do utilities need to use radio solutions?
6.	Concluding remarks & final message on further work to be advanced by PCC.II WG on Spectrum for Utilities–