



**RAC WIRELESS COMMUNICATIONS COMMITTEE MEETING**  
**MINUTES 21-02**  
**Virtual Meeting**  
**June 21, 2021; 15:00 HOURS (EDT)**

**In Attendance**

Antonio Aranibar, CN  
Rey Badua, Metrolinx  
Simon Beliveau, CN  
Marc Brazeau, RAC  
Norbert Chan, CP  
Pavel Danshin, Metrolinx  
Enzo De Benetti, RAC  
Jorge Groisman, CN  
Xavier Hall, Metrolinx  
Celina Kawasima, CP  
Alvaro Morales, Metrolinx  
Diane Neese, CN  
Manish Pantha, CP  
Alain Vachon, CN  
Kevin Waldern, CP (Chair)

**1. Welcome, Call to Order, Roll Call – E. De Benetti, RAC**

Enzo De Benetti read the RAC Competition Law Compliance Policy to all attendees reminding everyone of the impermissible topics for discussion. Kevin Waldern welcomed everyone to the meeting. Enzo De Benetti spoke a few words on behalf of the RAC thanking Kevin for his contribution to the industry and to wish him well on his retirement. Marc Brazeau, CEO and President of the RAC, thanked Kevin Waldern for his work as the chairman of the WCC on behalf of the RAC and presented Kevin Waldern with a mounted spike to be sent later.

**2. RAC WCC Chair Retirement - E. De Benetti, RAC**

Kevin Waldern, CP, Chair of the RAC Wireless Communications Committee will be retiring at the end of June 2021.

**3. Nomination of Simon Beliveau of CN as Chairman of the RAC Wireless Communications Committee - All**

It was moved by Manish Pantha, CP and seconded by Jorge Groisman, CN to approve the nomination of Simon Beliveau, CN as Chair of the RAC Wireless Communications Committee. There were no objections.

**4. ONDAS 802.16S/T Standard - Henry McReary, Ondas, Robert Burchard, Ondas, Omer Metel, Siemens**

Henry McReary, Ondas, Robert Burchard, Ondas, Omer Metel, Siemens provided a presentation on ONDAS 802.16 S/T Standard. Introduction to Ondas the company was also provided. 802.16T standard is in development, participation is welcome from railroads. BNSF and Meteorcomm are participating in the standards effort. Looking for more use cases from the industries. The standard is frequency agnostic. Includes train

control use cases. All documentation available to the public on-line. Siemens is a partner of Ondas and showed their migration from ATCS to 802.16 standard. A copy of the presentation was provided and is on the RAC web site.

- [RAC-Ondas-Update-June-2021-Final](#)

**5. CN LTE Proof of Concept – Antonio Aranibar, CN**

Antonio Aranibar provided an updated on CN's LTE proof of concept. A tower in Unity Saskatchewan has been equipped with an LTE base station using LTE Band 14. The site is using an experimental license from ISED. An overview of the performance measurements was provided. A copy of the presentation was provided and is on the RAC website.

- [CN-PSBN-LTE-PoC-Lab-Field-overview](#)

**6. Enhanced Train Control Update - Norbert Chan, CP**

Norbert Chan provided an update on the status of the sub-committees work to date and what it expects to accomplish. A copy of the presentation was provided and is on the RAC website.

- [RAC-WCC-Presentation-June-21](#)

**7. Metrolinx NXDN Update - Pavel Danshin, Metrolinx**

Pavel Danshin provided a technical update on Metrolinx's NXDN Dispatch System roll out. The system will be operational shortly, tentatively scheduled for July 25, 2021.

Pavel Dashin identified some of the challenges overcome in finding channels for the system. A copy of the presentation was provided and is on the RAC website.

- [Metrolinx-VHF-Radio-System-Overview-2021-06-21-v02](#)

**8. TV White Spaces - E. De Benetti, RAC**

There was not enough time for the TV White Spaces presentation.

**9. Miscellaneous / Adjournment - Simon Béliveau (Chair)**

The meeting was adjourned at 17:00 PM EDT.

**9.1 Review of Terms of Reference – E. De Benetti, RAC**

There was not enough time to review the Terms of Reference.