



Quarterly Meeting

Fixed Wireless Committee

EMC Committee

Mobile & Personal Communications Committee

Event Planning Committee

December 8, 2016 09:30 - 14:00

The Sheraton Hotel, Ottawa, ON

DRAFT MINUTES

Present:

President: Don Woodford

Chairs:	Susan Winter	CECA
	Jean-Yves Bernard	Rogers
	Glen MacDonnell	RAC
	Kirk Nesbitt	CAB

Members:	Ali Akbari	ISED
	Rob Berezowski	SaskTel
	Mark Betuzzi	MAAC
	Dave Case	Cisco
	Geoff Caitliff	TELUS
	Doug Davies	Alcatel-Lucent
	Terry Ducherer	CanWisp
	Rob Fraser	CECA
	Glen Garbinski	CECA/Fujitsu

Paul Goodrick	Rogers Communications
Peter Hill	ISED
Mario Lavoie	DND
Sam Luu	TELUS
Brian Mitani	CSSIF
Hughes Nappert	ISED
Viet Nguyen	CECA/Ericsson
Chuck Powers	CECA
Charles Rosseau	CBC/Radio Canada
Alourdes Sully	UTC Canada
Adam Tenenbaum	TELUS
Joel Thorp	Rogers Wireless
Jad Berberi	CWTA/Hauwei
Seyed Rastaghi	NavCan
Eric Poppleton	CanWisp
George Hart	Rogers
Joseph Sadoun	CanWisp
Martin McCulloch	CACP
Muya Wachira	ISED
Cindy Cook	ISED
Ron Willisroft	APCO
Ali Shoamanesh	CSSIF/Telesat
Alourdes Sully	UTCC/Hydro One
Rob Berezowski	CWTA/Sasktel
Richard Leung	Rogers
Véronique Lafrenière	LS Telecom
Toro Sekino	CECA/Fujitsu
Jules Lefrancois	RCMP
Elisabeth Lander	ISED
Marc Girouard	ISED

Martin Daigle ISED

Secretary: David Farnes RABC

ITEM DISCUSSION

1. Welcome and Introductions

Don Woodford welcomes members to the meeting.

2. Teleconference Guidelines

The GM reminded those online to use mute button to minimize background noise and basic conference online guidelines.

3. Approval of the Agenda

The DRAFT Agenda was on the website (RABC intranet) made available to members prior to the meeting.

4. Approval of the Minutes of the 2016-09-29 Meeting

The MINUTES were approved.

5. Gazette Notice and Ballot Status Reports

Members were reminded that the most current Gazette Notice & Ballot Status Report is available in the Quarterly Meeting folder on the RABC Intranet.

6. Report on RABC Activities

David Farnes provided an update. The activities discussed included the following:

- WWRF 5G Huddle
- URSI General Assembly
- 600 MHz Working Group & Submission to ISED
- Safety Code 6 Working Group
- RSS-199
- RSS-247
- FWCC Priorities
- Broadcasting Committee
- Cheque Presentation to the RABC scholarship winner
- RABC Processes
 - o ISED/Global Affairs Canada
 - o Meeting Protocols
 - o *Competition Act*
- Administration

- Gmail
- WebEx
- Potential New Members
 - Canadian Vehicle Manufacturers' Association
 - Global Automakers of Canada
 - Community Radio
- Events
 - IIC Canada
 - CWTA 5G Canada

7. Industry Canada News

Report from Engineering, Planning, and Standards Branch (DME)

Martin Daigle provided the update. The report highlighted the following updates as of December 2016;

- Per the heavy workload of TG 5/1 Chairmanship, Cindy has been allocated to special assignment position for the next three (3) years- Director,5G spectrum projects
- The responsibilities for the Director include:
 - Chairmanship of ITU-R TG 5/1
 - International outreach on 5G
 - Canadian 5G spectrum strategy
 - Project Management of WRC-19 process as well as the Chairmanship of CPC WG2
- Michael Christensen has assumed the role of Director for Mobile services Engineering on an acting basis for the next year.

The rest of the report is available on RABC Intranet which covers the *Consultations, On-going work, and the U.S. / Canada Bilateral Activities- (DME)*.

The Report from Engineering, Planning and Standards Branch (DCTE)

Ali Akbari provided the update. The report included a White Space Update, Publication of Standards, and other standards planned for future publication.

The following items were highlighted from each subject matter;

White Space Update:

- Finalization on designation process for database admin.
- Currently conducting testing process with a databased admin. Applicant
- White space spectrum data; Finalizing process for white space data extract to be added to data download segment of SMS web page.

Publication of Standard:

- SRSP-371.9 for 70/80 GHz band (consultation with RABC completed), currently under final publication and approval process. Tentative release is planned for early 2017.
- Revision of SRSP-312.7 for 12.7-13.25 GHz band; completing the final edits on draft as well as having a tentative plan to initiate RABC consultation on draft SRSP in early 2017. The key aspects of the revision include the alignment of rules with today's technologies and expand scope of applications covered.

- Revision of SRSP -310.7 for 10.7-11.7 GHz band, the draft revision to SRSP is currently being worked on. Tentative plan for RABC consultation on draft SRSP to be in early 2017. The key aspects of the revision include the review of channel plan and bandwidth and the consideration of other technical issues related to efficient use of spectrum.

Report from Engineering, Planning and Standards Branch (Broadcasting)

Elisabeth Lander provided the update on the 600 MHz Repurposing. The update focused on stakeholder engagement, 600MHz transition planning, the next steps for the 600 MHz, as well as the U.S. Incentive Auction Status.

The full report is available on the RABC Intranet.

Report from Spectrum Management Operations Branch

Peter Hill provided a verbal update which included the following items of discussion:

- License Fee's issues top priority.
- Funding has been requested to help CRC commercialize its new spectrum usage monitoring tool. As the tool is deployed, an issue may arise regarding the amount of commercial/industry data collected.
- Safety code 6 must be more monitored as new bands are introduced.

RSS Report

Hughes Nappert gave an update on the status of various RSS's. The following standards were highlighted:

- SPR-002 (Issue 1)
- RSS-210 (Issue 9)
- RSS-134 (Issue 2)
- RSP-100 (Issue 11)
- RSS-117 (Issue 3)
- RSS-216 (Issue 2)

These RSS Standards have been published. The following are the Standards that are soon to be published:

- RSS-199 (Issue 3) → Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
- RSS-131 (Issue 3) → Zone Enhancers for the Land Mobile Service

The following RSS Standards are in Consultation:

- RSS-247 (Issue 2) → Digital Transmission Systems (DTS) & Frequency Hopping Spread Spectrum Systems (FHSS)
- 5250-5350 MHz

The following RSS Standards are in revision and progress:

- RSS-Gen (Issue 5) → General Requirements for Compliance of Radio Apparatus

- RSS-125 (Issue 3)→ Land Mobile and Fixed Radio Transmitters and Receivers 1.705 to 50.0 MHz, Primarily Amplitude Modulated
- RSS-220 (Issue 2)→ Ultra-Wideband (UWB) Devices

The following RSS Standards are in development and future work:

- RSS-181 (Issue 2)→ Land Mobile and Fixed Radio Transmitters and Receivers 1.705 to 50.0 MHz, Primarily Amplitude Modulated
- RSS-YYY (Issue 1)→ Dedicated Short-Range Communication (DSRC) Radio Equipment Operating in the band 5850-5925 MHz
- RSS-251(Issue 2)→ Field Disturbance Sensors in the Bands 46.7-46.9 GHz (Vehicular Radar) and 76-77 GHz (Vehicular and airport Fixed Radar)

If needed for reference, full report is available on the RABC Intranet.

8. International Matters

Full report is available on RABC Intranet. The report presented included the international meetings and a comprehensive list of activities and their working groups as well as a work plan for the coming two (2) years. Next meeting to be held on May 15-23, 2017 in Geneva.

9. Event Planning Committee

Susan Winter provided a verbal briefing which summarized to be that not much had been going in in terms of event planning since the last quarterly meeting.

10. FWC Committee

The report included the discussion:

- RSS-247→ Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and License-Exempt Local Area Network(LE-LAN) Devices.
- FWCC Priorities:
 - Decided to have no more than two (2) working groups in parallel due to limited resources
 - In addition to 13 GHz SRSP review expected shortly

Full report available on RABC Intranet

11. EMC Committee

The following issues were highlighted in the report presented by representative of EMC committee:

- Published: ICES-003 (Issue 6)→ Information Technology Equipment (Including Digital Apparatus)- Limits and Methods of Measurement
- Upcoming Revisions:

- ICES-003
 - ICES-003 (Issue 7)
 - ICES-005 (Issue 4) - Lighting Equipment
 - ICES-Gen
 - All ICES standards
- Revisions in Progress: TC106 (Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure)
 - Full report available on RABC Intranet for reference

12. M&PC Committee

The Committee was not active since the previous meeting. The AWS subcommittee reviewed the proposed changes to RSS-199 and the RABC informed the Department that members had no issues with the proposed changes.

13. Broadcasting Committee

The report highlighted the committee activity and the future activities:

Committee Activities:

- Notice of Engagement Regarding the 600 MHz Transition Plan Objectives and Methodology (October 31,2016)
- BC Members had contributed to informal meetings with ISED regarding Safety Code 6 compliance

Full update available on RABC Intranet.

14. Other Business

None.

15. Next Meeting

The next meeting will be held March 1st, 2017 in Vancouver hosted by Telus and then May 11th,2017 in Ottawa (AGM).

16. Adjournment

The Meeting adjourned 1:37 PM.