



Standards Meeting
10 April 2014
Place du Portage, Gatineau
Minutes of the Meeting

1. Welcome: The meeting started at 1:04pm. Chair T. Kelsall welcomed members and guests.

<u>In person:</u>		
Tim Kelsall (TK)	Hatch (CHAIR)	tkelsall@hatch.ca
Alberto Behar (AB)	Consultant / Ryerson U.	albehar31@gmail.com
Christian Giguère (CG)	U. Ottawa	cgiguere@uottawa.ca
Dave Shanahan (DS)	CSA	Dave.shanahan@csa.ca
David Quirt (JDQ)	Consultant	JDQ.acoustics@bell.net
Stephen Keith (SK)	Health Canada	skeith@hc.sc.gc.ca
Peter VanDelden (PVD)	RWDI Consulting	peter.vandelden@rwdi.com
<u>Online:</u>		
Bill Gastmeier (WG)	HGC Engineering	bgastmeier@hgcengineering.com
Cameron Sherry (CWS)	Consultant	cameronsberry4@gmail.com
Jack Davis (JD)	Albert Utilities Commission	Jack.Davis@auc.ab.ca

2. Appointment of Minutes Taker: Christian Giguère was appointed as Acting Secretary
3. Approval of agenda: Approved without changes. (all in favor)
4. Approval of Minutes: Minutes from 7 November 2013 approved without changes. (all in favor)
5. Update since last meeting: To be discussed under items 6 & 7
6. Items from CAA board (Christian Giguère):
 - a. Terms of Reference: The terms of reference for the Standards Committee, including the Voting Body Qualification Procedures, have been approved at the last CAA board meeting on 9 November 2013. The terms of reference make it clear that voting on the technical contents of the documents is the responsibility of the Standards Committee. Board approval is only intended to ensure the voting process has been properly carried out. Approved documents and the terms of reference can be put on the CAA website.

- b. Guide to the Use of Acoustical Standards in Canada:
 - i. The CAA signed a revised Transfer of Rights agreement to use the content of Z107.10 from CSA; waiting for CSA to sign and return the agreement.
 - ii. The board indicated that given the highly technical nature of the document, the Standards Committee could explore producing a bilingual Guide with the core structure of the document in both languages (e.g. title page, introduction, section headings), but with the technical content (e.g. standards summaries) only in the language(s) in which they are available (similar to *Canadian Acoustics*). This can be realized in stages with each revision of the document.
 - iii. As indicated earlier, the board would like each document to include a preface with disclaimer/waiver clause.

7. Update from Subcommittees (Written reports appended to these minutes)

- a. Environmental Noise (Bill Gastmeier, verbal and written report):
 - i. New MOE (Ontario) Guideline NPC300 has been released. It gives Municipalities the discretion to create a Class 4 acoustical environment for new noise sensitive land uses near existing industrial (stationary) noises sources.
 - ii. The Canadian Transportation Agency is to issue a Best Practice document on railway noise later this year.
 - iii. Clair Wakefield of Wakefield Acoustics reported that the BC Ministry of Transportation & Infrastructure's Highway Noise Impact Assessment & Mitigation Policy was adopted in June 2013 and was now in use.
 - iv. Peter VanDelden of RWDI has indicated that the MTO & MOE are currently working on changes to internal policies and processes to allow use of the updated road and rail traffic noise prediction algorithms and models in Ontario.
 - v. Jack Davis (AUC) indicated that Alberta is currently gaining experience in reviewing acoustical audits of wind farms and a great deal of variability in methods was noted. A similar process is in the way in Ontario (see also item 7.b.i and item 8).
- b. Wind turbines (Brian Howe, no report was received):
 - i. Members indicated that there are still lots of controversies in Ontario, but no new development for moving forward. In Alberta, hearings related to a large Wind Turbine project brought up many issues related to measurement methods, etc. (See also item 7.a.i. and item 8).
- c. CAC TC43 SC1 (Stephen Keith, verbal and written report):
 - i. There will be a strong Canadian delegation (5 members) at the next ISO T43 and SC1 plenary and working group meetings in Berlin (May 19-23).
 - ii. Denmark is no longer able to provide secretariat services for TC43. Three countries have offered to take over.
 - iii. The Chairman, Hans Jonasson, was reappointed.
 - iv. More active members are sought for a range of ISO working groups without Canadian participation (see report for a list of WGs). Those interested should contact SK.
- d. IEC Instrumentation (Lixue Wu, verbal report):
 - i. Ballots were held on several IEC/TC29 standards and several documents are under revision (see report for a list).
 - ii. Peter Hanes headed the Canadian delegation at the recent meeting of IEC/TC29 in Pretoria, South Africa (Feb. 17-21). This was a very successful meeting; Canadian positions were accepted in whole.
 - iii. The Canadian delegation was asked to consider whether Canada can host a meeting of IEC/TC29 in September 2018.

- e. Z107.10 / Editorial (Cameron Sherry & Dave Quirt): Partly covered under item 6.b.
 - i. JDQ drafted a shortened and adapted version of the CSA legal notice to serve as a disclaimer/waiver to add at the beginning of the Guide. CG offered to translate the disclaimer.
 - ii. The availability of the French version of the standards summaries turned out to be less accessible than anticipated as several ISO standards are monolingual. However, all titles except for one are available in English/French. The IEC seems to provide more French translation. CG offered to verify punctuation for all French titles. Action: Once JDQ is through with his version of the Guide, TK/CG/AB/CS will finalize and follow up with the CAA Board to approve the document for posting on the CAA website.
- f. Building Acoustics (David Quirt, verbal and written report)
 - i. The review and approval process for changes to the National Building Code (NBCC), which will use a mix of ASTM and ISO standards, will extend over the next two years in view of a 2015 publication. At this stage, the committees approved changes for Part 5 (large buildings) and Part 9 (housing) which were included in the document circulated for public review. Work to include impact (footstep) sound in a subsequent edition of the NBCC should start soon.
 - ii. The next meeting of ISO/TC43/SC2 will be in Berlin (May 19-23) and JDQ will attend. The Canadian delegation is significantly reduced due to staffing changes at NRC. Those interesting in participating in Building acoustics standards activities are urged to contact David Quirt.
 - iii. A new working group in Green Acoustics has been established within SC2 to develop acoustical performance standards for sustainable buildings. Work will be harmonized with another TC.
- g. Human Vibration (Tony Brammer, no report received)
- h. Loudness Evaluation (Colin Novak, no report received)

8. New Business:

Measurement standards at receiver positions for exposure to Wind Turbine noise are considered a pressing issue by the Standards Committee (see item 7.a.v and 7.b.i). A discussion ensued on how to best pool resources to share experiences and provide uniform methods across provinces. WG suggested soliciting Brian Howe. PVD/JD/TK expressed interest. Action: TK will form a working group to collect methods and/or standards and extract commonalities. Findings could form the basis for a technical paper.

9. Next Meeting and Adjournment: Tim Kelsall reported next meeting will be in October 2014 in Winnipeg during Acoustics Week in Canada, in conjunction with the CSA committee.

The meeting adjourned at 2:25pm