

ASHRAE SSPC161P meeting minutes¹
Orlando, FL
Feb 3, 2020 -- 9am until 11am, eastern time

Voting members in attendance:

1. Catherine Thibaud, Airbus (committee chair)
2. Stephen Trent, Boeing (committee vice chair)
3. Judith Anderson, AFA-CWA (committee secretary) (phone)
4. Andreas Bezold, Airbus
5. Frank Brehany, consumer campaigner/passenger representative (phone)
6. Lubos Forejt, Honeywell
7. Ben Thiesse, American Airlines
8. Aaron Engel, Fresh Aire UV
9. Allison Glaser, APA
10. Byron Jones, Kansas State University
11. Daniel Tandoi, VC (phone)
12. Michael Massoni, TWU (phone)

Voting members absent:

1. Josh Kelton Cessna
2. Tamara DiMaddalena, CUPE
3. John Hall, IAMAW
4. Steve Tochilin, Delta Airlines
5. Don Largent, AAF Flanders
6. Eric Tellmann, airline pilot

Non-voting members in attendance:

1. Richard Fox, Aircraft Env. Solutions
2. Paul Lebbin, NRC Canada
3. Mark Weber, ASHRAE staff

Non-voting members absent:

1. Tim Ahn, Clean and Science Co. Ltd
2. Jerome Johnston, Boeing
3. Chris McDaniel, Textron Aviation
4. Karl Peterman, Vibro-Acoustics (SPLS Liaison)
5. Peggy Bendfeldt, Airbus

¹ Approved per results of email ballot sent to voting members in April 2020.

Guests

1. Florian Meyer, Fraunhofer

Catherine Thibaud established that we have quorum – 12 of 18 voting members are present.

Catherine Thibaud reviewed membership changes:

- Judith Anderson and Chris Witkowski need to update their bio/COI and extend organizational membership;
- Byron Jones, Josh Kelton, Michael Massoni, Don Largent, Peggy Bendfeldt, Paul Lebbin, and Chris McDaniel need to update their bio/COI;
- Steve Tochilin and Richard Fox need to update bio/COI and verify continued participation post-retirement;
- There can only be one voting member per company. Because Catherine Thibaud moved from UTC to Airbus, Andreas Bezold will change his status to NVM;
- Stephanie Licht will change from AA to Boeing so will also become a NVM; and
- Nathalie Garceau intends to replace Tamara Dimaddalena on the committee for CUPE.

ACTION: Catherine Thibaud will check the balance of the committee in light of the changes to the committee. Richard Fox will reapply as general interest. Catherine Thibaud said that the changes may necessitate rebalancing the committee.

Other administrative updates:

Catherine Thibaud will ask ASHRAE to assign our committee a website which will make it easier for us to post comments, receive updates, etc.

ASHRAE will roll out some new templates for formatting the document.

There is a recently published guideline 27 – measurement procedures for gaseous compounds in commercial buildings. Also, 62.1 and 62.2 2019 revisions were recently issued.

Catherine Thibaud encouraged members to check with IT department to ensure that ASHRAE emails are not discarded as spam.

Actions from June 2019 meeting:

Members approved the June 2019 meeting minutes by email ballot circulated by Judith Anderson shortly after the meeting.

G28 update – organophosphate task group continues its work; Judith gave a short update. Catherine said that the goal of our task group is to complete the work prior to January 2021.

Stephen Trent proposed his change to the G28 for PAC values application on aircraft. After a lengthy debate, Richard Fox noted that we are not moving the discussion forward to come to agreement. Byron Jones noted that the standard and guideline are consensus documents – they are not based on a simple majority. If we can't come to consensus then we cannot adopt the proposed change.

Action: To form a task group to review health guidelines currently cited in ASHRAE G28. Members are Stephen Trent, Andreas Bezold, Allison Glaser, and Lubos Forejt. The purpose of the TG is to review the applicability of current references in G28 table and assess whether any new references will be added. The TG will report back at the next meeting. Stephen will set up the phone calls with Webex.

Research updates:

Andreas Bezold gave a short update on RP1262. The final report was accepted by TC9.3 in 2018 except for two open items: first, the question of the quality of the dataset (Dave Space has since approved the dataset) and second, whether or not the sanitized and complete dataset will be available for purchase (it will be, eventually). Note also that a concise summary of the research project will be made available for purchase be available for purchase.

Action: Andreas Bezold will notify the committee when the data and report will be available through ASHRAE.

Andreas Bezold gave a short update on RP1830 which had to be rebid. The current project evaluation subcommittee (PES) is led by Richard Fox. Voting will happen during today's TC9.3 meeting by TC9.3 and PES members only. If there is not quorum to hold a vote today then it will be balloted in Sept. 2020.

Florian Mayer gave an update on the CognitAir project, a project assessing cognitive effects of onboard exposure to VOCs and CO₂ which was initiated by industry, with a financial contribution from ASHRAE. Exposure testing (CO₂ and mean values of simulated mixture of selected VOCs expected to be present in cabin air) was conducted during Dec. 2019 and Jan. 2020 with cognitive testing performed under the testing conditions. In total 400 subjects and 11 different exposure conditions were assessed. The target was 40 people per condition; actual was 33-38 subjects per exposure condition. Data analysis is underway and should be completed by Nov. 2020. The researchers will present the data at the ASHRAE winter meeting in Jan. 2021 publish it in the ASHRAE journal, and also submit the project to another publication for wider circulation. Florian invited more questions via email.

Next meeting:

Catherine Thibaud will issue a doodle poll to schedule the summer webex in June 2020.

Stephen Trent proposed a motion to adjourn the meeting. Byron Jones seconded. The meeting was adjourned.

(END)