

DRAFT MINUTES
TC 5.03 Main Meeting
1:00-3:30 PM Tuesday June 30, 2015
Atlanta, Hilton Hotel, Grand Ballroom D

1. **Call to Order** (R. Zimmerman)
 - At 1:05pm RZ called to order

2. **Introductions** (R. Zimmerman)
 - RZ initiated introductions with all present in the meeting to follow

3. **Attendance Sheet/Verify Quorum** (F. Lorch)
 - No quorum at 1:10pm or at any other point in the meeting

4. **Approval of Chicago Minutes** (R. Zimmerman)
 - No vote could be taken due to not establishing quorum.
 - Letter ballot will be required to approve Chicago minutes.

5. **Membership Report** (F. Lorch)
 - FL reviewed membership rosters (both '14-'15 and '15-'16)
 - '15-'16 roster as attached as Appendix 1

6. **Agenda Review** (R. Zimmerman)
 - No changes were made to the agenda

7. **Announcements** (R. Zimmerman)
 - Covered by RZ
 - TC Section 5 Chairs breakfast – Sunday, 06/28/15
 - ASHRAE to put a new emphasis on residential sector
 - Attract and mentor new and potential TC members
 - TAC to form new MTG for occupant behavior in buildings and their impact on energy use (mostly Sections 2 and 7)
 - Website update under development
 - Impromptu discussion sidelined most of the meeting. 5.2 scope change was brought up

8. **Research Subcommittee Report** (R. Zimmerman)

- Research breakfast – Monday, 06/29/15
- 61 active research projects within all of ASHRAE
- No research projects on hold due to funding
- Staged funding based on milestones is being implemented on new research projects.
- RP-1546 ADPI (D. John) – Complete. Report to be approved by PMS.
- RP-1629 ACB (D. Pich) – Testing in progress. PMS visit scheduled for 09/09/15. Testing to be complete by June, 2016.
- WS-1666 DV/PCB (F. Bauman) – Approved by RAC on 06/27/15. Need to form PES. Kevin Cash has volunteered to chair.
- WS-1711 Advanced Control of HVAC Systems (TC 1.4) – They mistakenly thought TC 5.03 would co-sponsor. RAC was informed of the error.
- WS-1729 Radiant Systems (TC 4.01) – TC 5.03 to co-sponsor. Approved by RAC with comments on 06/27/15. John Bade has volunteered to be on PES/PMS.
- WS-1741 RFC (B. Hagan) – Returned by RAC with comments. Chief author will work with others to address comments when they are received.
- RTAR Ventilation Effectiveness of Active Chilled Beams (T. Rice) – No Update
- RTAR Hot Water Coil Performance (D. John/J. Bade) – To be developed.
- RTAR Air Curtains (F. Cuaderno) – Waiting for testing to be completed on 08/10/15.
- RTAR UFAD Sound Paths (C. Burroughs) – Discussed with TC 2.06. Will be co-sponsored by TC 5.03. To be developed by C. Eichelberger.

9. **Standards Subcommittee Report**

(F. Lorch)

- SPC 70 MOT Air Inlets/Outlets (J. Palma)
- SPC 79 MOT Room Fan Coils (B. Hagan)
- SPC 130 MOT Air Terminal Units (minutes attached) (B. Tully)
- STD 129 MOT Air Change Effectiveness (D. John)

9..1. Committee has been disbanded, no further current action to be taken

10. **Handbook Subcommittee Report** (minutes attached)

(C. Peters)

- Applications - discussed ways to highlight the changes that should have been published in the 2015 physical book.
- Fundamentals
- Systems and Equipment

- 11. Programs Subcommittee Report** RZ (R. Zimmerman)
- TC 5.03 had (3) programs at this meeting.
 - Seminar 4 – Energy Performance of Active Chilled Beam Systems (T. Rice) – Sunday
 - Seminar 33 – UFAD Design, Commissioning, Troubleshooting (C. Burroughs) – Monday
 - Seminar 43 – Improved IAQ and Reduced Maintenance with CB Systems (T. Rice) – Tuesday
 - For Orlando, papers due 07/06/15 and seminars due 08/10/15
 - Possible programs for Orlando include Air Curtains (F. Cuaderno), UFAD (J. Megerson), and Standards for Chilled Beams 200/1240 (C. Lowell)
 - Possible programs for St. Louis include ADPI (A. Novoselac)
 - Future programs Chilled Beams and Room Fan Coils for Laboratories (G. Richardson) and Room Fan Coils (B. Hagan)
 - Technical Paper Session 10 Baylor
- 12. Chilled Beams Subcommittee Report** (D. Pich)
- 13. Fan Coil Subcommittee Report** (minutes attached) (B. Hagan)
- 14. Air Curtain Subcommittee Report** (minutes attached) (F. Cuaderno)
- 15. UFAD Subcommittee Report** (minutes attached) (J. Megerson)
- 16. Webmaster Report** (D. Pich)
- 17. Honors and Awards** (M. Hosni)
- RZ would like volunteers for this position
- 18. Historian Report** nothing to report (D. John)
- Nothing to report
- 19. Liaison Reports**
- STD 55 DI-H reported (Z. Poots)
 - STD 62.1 (T. Rice)
 - STD 62.2 (M. Opalka)

- STD 90.1 RZ reviewed JB report (J. Bade)
- STD 170 DI-H (M. McLaurin)
- STD 215 RZ reviewed JB report (J. Bade)
- MTG EAS has been disbanded (M. Filler)
- LEED DI-H TBD
- AHRI (J. Prosser)
- AHRI SSC (G. Faris)

20. Terminal Unit Design Guide (Faris/John/Pich)

- GF reports that approximately 30% is written

21. Other Business (R. Zimmerman)

- TC 5.02 Duct Design – Title/Scope/Purpose (G. Faris)

22. New Business (R. Zimmerman)

23. Adjournment (R. Zimmerman)