

ASHRAE TC 6.5
Proposed Meeting MINUTES –01/26/15
Chicago, IL

TC 6.5 Radiant Heating and Cooling
Palmer FL 7 Lasalle 1

Monday (1/26)

2:15-4:15p

Hilton

TC 6.5 Research, Spec Pubs, Journal, Program, Handbook
Palmer FL 5 Deerborne 1

Sunday (1/26) 3:00-5:00p

Hilton

Programs:

Seminar 54 – modeling radiant heating and cooling

8:00 – 9:30 AM Wednesday (1/28)

(See Tech Program schedule for Seminar Titles)

Monday Meeting Minutes

1. **Agenda:**
2. **Introduction of members and guests**
3. **Roll call for quorum – Quorum EXISTS**
 - a. Peter Simmonds
 - b. Mike O'Rourke
 - c. David Nazzaro
 - d. David Springer
 - e. Dan Sullivan
 - f. Dave Desjardins
 - g. Samer Hassan
 - h. Jaap Hogeling
4. **Reading of previous meeting minutes and vote for approval**
 - a. Robert motioned to approve 2014 Seattle Minutes
 - b. Mike O'Rourke second
 - c. Motion approved 5 - 0
5. **Agenda Amendments**
 - a. NONE
6. **Subcommittee Reports**

Stephen Hancock – RAC liaison – suggest that it would be nice to have a couple RTARS
Program

Atlanta – June 2015

- Submissions for presentations closes Feb 9
- Potential Topics For Atlanta:
 - AHRI 1330 Method of test for measure radiant output of
 - TC 6.1 Begin with the end in mind
 - ASHRAE sponsoring energy modeling conference in September
 - Fred Baumen offered topics for future programs – possibly case studies
 - Proposed webinar for how to use radiant performance explorer – Richard Bowman

Orlando – Winter 2016

Handbook

- Submitted two chapters and found too much work to change units of measurement
- Peter made a motion to approve chapter 6, 16, 34
Second Mike O'Rourke
Vote yes: Desjardin, springer, O'Rourke, Nazzaro, Sullivan, Simmonds 6-1
Vote abstain: Hassan

Action Items:

Paul Raftery – Complete review of chapter 6 of Systems & Equipment

ALI & Education – Bean

- 55 short course – addresses radiant cooling and heating references 1383 tool
- TC7.4 – in the development stage, low and high temperature heating
- RPA situation – IAPMO – code is under development. Number of clauses in the text that are bad for pipe manufacturers – Ex. Repair coupling imbedded in concrete is going to be rejected. Recommends we make our voice heard than if we don't the next couple years will be difficult. We can petition IAPMO when errors exist. 60% of the member do not have practical experience so the code is not properly being developed. Public review end of March.

Research

- RP1383 – was merged w/ comfort tool – to be more user friendly and stand alone by using sketch up. Output will be put into readable reports like word or excel tables – Simmonds
- Paul Raftery is currently commissioned to do a post occupancy evaluation study in 50 radiant buildings, and detailed field measurements in three. The three detailed studies must be in California, but the others do not have this constraint. He is accepting candidates (p.raftery@berkeley.edu).
- Motion to Accept URP1383 Advancements with minor editorial changes for approval by RAC
Second Sullivan
- Vote yes: O'rourke, Dave, Sullivan, Hassan, Simmonds, Nazzaro, Springer

Action Items:

Bean: Send final report to the committee

Chip: Create a list of what he thought was short from 1383

Old Business

- Standards 152– method of test for design and seasonal efficiency of thermal distribution systems, looking for help to work on the radiant component - springer
- Standard 55 – discussed 1383 and how it would impact 55 –O'Rourke
- Infrared Radiant Heating – looking for feed back – Hassan

New Business

- Paul Raftery – The heat transfer coefficient discrepancy from the RTAR needs to be fixed. Volunteered to try and fix the discrepancy through existing research projects
- Dove - Writing a generic control strategy for the handbook. Possibly develop an RTAR?
- Bean – Condensation and radiant cooling – Reasons to dehumidify a room other than condensation issues
- New Research Chair – John Williams

- New Webmaster – volunteered Paul Raftery

Motion to Adjourn – Simmonds, second O'Rourke