

## **MEETING MINUTES**

TC 6.5 - Radiant and Convective Space Heating & Cooling

San Antonio

June 25, 2012

Monday, 2:15 pm – 4:15 pm

*Secretary: Dan Sullivan*

Incoming Chair: Bill Melvin

Incoming Vice Chair: Him Ly

### **I. Call to Order: 2:15 pm**

**A. Roll Call:** Introduction of voting members, corresponding members, liaisons and guests. Eight voting members present, quorum does exist.

Robert Bean

Him Ly

Richard Watson

Bill Melvin

Dave Nazzaro

Peter Simmonds

George Hoekstra

David Springer (late)

### **II. Approval of Minutes from Previous Meeting**

Dave made a motion to approve meeting minutes. George 2<sup>nd</sup>. Voting Richard, Dave, George, Him, Robert, Peter. Passed 6-0.

Richard Bowman makes a proposal for this TC to have a webinar on radiant heating and cooling systems. Filed this under education.

### **III. TC Chairman's Breakfast Report , Section 6**

Bill Melvin and John Dunlap

- A. Webinar meetings, up to 30% of voting member can participate via remote camera. Helps with issues from quorum.
- B. TC Master Calendar – now available through Google. To set up a Google calendar, synch to your Outlook.
- C. New ASHARE Terminology Wiki is launched. Members encouraged to check it out.

#### IV. Subcommittee Reports

- A. Program: (D. Abellon) – see attachment

#### 2012 ANNUAL CONFERENCE

- I. Three Seminars (Seminar 14, 25, 49) sponsored by TC6.5
- II. Two Sessions (Seminar 8, Forum 8) co-sponsored with TC 6.1

#### UPCOMING CONFERENCES

- I. Energy Modeling Conference
  - a. Atlanta, GA
  - b. October 1-3, 2012
  - c. Proposals Closed
  
- II. 2012 Cold Climate Conference
  - a. November 12-14, 2012
  - b. Calgary, AB
  - c. Proposals Closed
  
- III. 2013 Winter Conference
  - a. Dallas, TX
  - b. January 26-30, 2013
  - c. **Call for Seminars closes August 13, 2012**
  
- IV. 2013 Winter Conference
  - a. Denver, CO
  - b. June 22-26, 2013
  - c. **Call for Paper Abstracts due September 24, 2012**
  - d. Specialty Track - Research
  
- V. 2014 Conferences
  - a. New York, NY: January 18-22, 2014
  - b. Seattle, WA: June 28- July 2, 2014

#### 2013 Winter Conference Programs Proposal

- 1. Controls of Radiant Systems for Energy Efficiency
  - a. Chair – Michael O'Rourke
  - b. ID 8462
  - c. Password: 655410
- 2. Some discussion on a seminar that focuses on radiant and thermal comfort (Std 55)
- 3. Case studies for large projects on tall/big buildings
- 4. IAQ from CBE – combining with radiant (Stefano)

<http://ashraem.confex.com/ashraem/w13/smnr/sessions/index.cgi?username=8462&password=655410>

## 2013 Annual Conference Paper Proposal

1. RP 1383
  - a. Chip
  - b. Joint paper with SSPC 55

### B. Standards:

1. 90.1 Committee Liaison (D. Watson), Energy Related Standards
  - i. Trying to move into the systems and performance direction. PNNL has modeled 16 different building types in Energy Plus. They are seeing that we are getting to the end of the energy efficiency spectrum and letting people decide how to meet the energy savings.
  - ii. Announced a progress update on RP-1383, quite a bit of interest.
  - iii. Continue to investigate DOAS.
  - iv. Addendum R to 90.1 – question from PS – what is the status?  
Approved and will be published.
2. SSP 55 Committee Liaison (M O'Rourke)
  - i. Continue to update with metabolic rate information. Working on splitting into normative (essential) parts and informative parts.
3. SSP 152 (Dave Springer)

Vote on the revisions in September. We need to make sure that the revisions are correct. (A. Stotko and R. Bean) are reviewing the standard. Open discussion for future opportunities after the voting in Sept (captured from subcommittee meeting):

- i. Do an RTAR to support the research? Or continue to complete without any research? There is a need to get some more testing to validate Section 7, heat transfer coefficient, or to organize and go after a reference of all of the heat transfer coefficients (Peter, Dave).

### C. Handbook: (P. Simmonds)

1. There was an admin mix-up by former chair, need to revalidate the approval (which was by letter ballot in Nov 10). Motion is to re-approve the Chapter 6 as is for submission to the Systems and Equipment Handbook (PS). Dave seconds. Richard and Bill abstain. 6 in favor (RB, PS, GH, DZ, HL, DS), 0 against.
2. Chapter 54 – we need to start working on it and look for method of distribution to the team.
3. Chapter on heat transfer in fundamentals, chapter 4, need to send them some of our fundamentals information. If this does not fit and to address the remaining fundamentals information, a new chapter may be needed.

D. ALI, Education, Publication: (R. Bean)

1. Conference in Calgary (November 12)
2. Short Courses – SSPC 55 (thermal comfort), and TC 7.4 (exergy)
3. Society wide webinar on radiant heating and cooling. 3 hour webinar. Free to anyone worldwide. Robert Bean will lead this effort.

E. Research:

1. This TC is still looking for a new volunteer to chair research. Dan Sullivan volunteers to be a research chair.
2. Dave Springer – does not feel that an RTAR is needed for 152 until the final scope is finalized.
3. URP for 13-83, need all comments to Peter so that this project can wrap-up at end of July.
4. Jap – RAC Liason report. Get involved, think international.

F. Snow and Ice Melting:

1. No updates.

V. **Old Business:**

- A. URP for 13-83, need all comments to Peter so that this project can wrap-up at end of July.

VI. **New Business:**

- A. Webinar for webmaster training, Him Ly will update the logo. Him says it got entered, but just not uploaded – needs to press enter (Peter Simmonds). Ask membership for web content on TC 6.5.
- B. Rob Warnke volunteers to be Secretary, TC 6.5.
- C. MTG Strategy – All up to ASHRAE to get the groups talking. All new groups are on the website and in the MOP.
- D. Hightower award, for excellence in technical contributions to the TC. Nominations due to section head by September 1<sup>st</sup>.

- E. Anyone that does not want to be on a list of papers to review – sponsored by TC 6.5. – contact Bill to have your name removed. Please let Bill know if you do not want to be on the list.
- F. Logo change and tagline. Moving to an international society, and moving to more growth in India and China, as well as moving to more of a sustainability theme.
- G. Updates from Dr. Kim on ISO-205. ISO communication team is checking and reviewing, the Standard will be out for review later this year. All communication will be sent to Peter. Planning to develop a new standard containing panel systems.

**Adjourned:** 3:55 pm (P. Simmonds), (seconded D. Springer)