

TC/TG/TRG MINUTES COVER SHEET

(Minutes of all TC/TG/TRG Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/TRG NO.: 4.1 DATE: January 30, 2006

TC/TG/TRG TITLE: LOAD CALCULATION DATA AND PROCEDURES

DATE OF MEETING: January 23, 2006 LOCATION: Chicago, Illinois

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Voting		Non Voting		John Wright
Larry Sun	2003			Rich Swierczyna
Charles S. Barnaby	2003	John Campbell	1998	Leo Stambaugh
Steven F. Bruning	2003	Eileen E Chant	1995	Vedhathiri Arunkumar
Joe Ferdelman	2005	John M. Filler	2005	Chanvit Chantrasrisalai
Glenn Friedman	2004	Hua Ge	2004	Milton Goldman
Douglas C. Hittle	2004	Martin Gough	2005	Stephen Roth
Robert E Hopper Jr	2004	Ken-Ichi Kimura	2003	
Rolando Legarreta	2001	Richard D Hermans	2003	
James H Norman	2005	Steve P Kavanaugh	2003	
Curtis O. Pedersen	2003	Suzanne LeViseur	2003	
Christopher K. Wilkins	2002	James Reese	2004	
		Thomas B Romine Jr	2003	
Non-Voting		*		
Robert C. Doeffinger, Jr.	2003	Voting		
Brian A Rock	2003			
Dragan P Curcija	2003	Lynn G. Bellenger*	2002	
Jeffrey D Spitzer	1995	Branislav B. Todorovic	2003	
Dan Fisher	2005	Gary L. Wingfield	2005	

DISTRIBUTION: — ALL MEMBERS OF TC/TG/TRG *Non Voting Members

TAC SECTION HEAD: Craig P. Wray

TAC CHAIRMAN: William P. Bahnfleth

ASHRAE MANAGER OF RESEARCH/TECHNICAL SERVICES: Michael R. Vaughn

ALL COMMITTEE LIAISONS AS SHOWN ON TC/TG/TRG ROSTERS:

Kimball E. Ferguson- Special Publications Michael J. Brandemuehl - RAC Research

George Reeves - Standards Julian DeBullet - Prof. Dev. Comm (ED)

Charles Gulledge III - Chapter Technology Transfer

Joseph Ferdelman -Programs Doug Hittle - Handbook

Chad B. Dorgan - Journal/Insights

ADDITIONAL DISTRIBUTION:

MANAGER OF STANDARDS: Claire B. Ramspeck

"These draft minutes have not been approved and are not the official, > approved record until approved by this (council/committee)."

January 23, 2006
Committee Meeting Minutes
TC4.1 Load Calculations Data and Procedures
Chicago, Illinois

1. Meeting called to order at 2:19 by Larry Sun.
2. Roll call: 11 present out of 14 voting members.

Chairman's Remarks (Sun)

3. Larry Sun described the mission of TC 4.1 and asked for interest in membership.
4. Larry Sun announced that Gary Wingfield has been made an ASHRAE Fellow.
5. Larry Sun announced that Lynn Bellinger has been named an ASHRAE VP.

Previous Meeting Minutes (Sun)

6. Two correction were noted in the previous meeting minutes: Research Subcommittee should be 1326-RP not 326-RP, and RTAR for Improved Modeling of Surface Convection Coefficients with TC 4.7 (not TC 5.3).

Motion: Previous meeting minutes approved with the above corrections 11-0-0-0.

Section Head Report (Wray)

7. Roster updates are due by tomorrow. Decisions must be made.
8. Section 4 has a website. Rosters need to be posted.
9. Doug Hittle asked about problems with manuscript central. No clear problem was defined.
10. Section Head Wray asked for questions or comments from the committee.
11. It was confirmed that ASHRAE will no longer send rosters to all committee members, only the Chairs. The chairs must then forward to committee members. Larry Sun acknowledged that he will do this.

Program Liaison (Ferdelman)

12. The theme for Quebec will be Come in from the Cold, Cold Climate Design.

13. Program session times will change. There will be a maximum of 3 speakers and the time will be 1.5 hours. The hope is to increase the quality of speakers by having fewer speakers.

Research Liaison (Brandemuehl)

14. Brandemuehl asked if there were any questions.
15. Brandemuehl noted that the new research strategic plan is out and encouraged everyone to review it.

Handbook Liaison (Hittle)

16. Hittle reported that ASHRAE will be switching back to members receiving either the Book or the CD. Hittle recommended getting the CD.
17. Curt Pedersen noted that he did not get a book. It was indicated by Ferdelman that Life Members are entitled to getting a book or CD but a box must be checked on the membership renewal form.

Research Subcommittee (Wilkins)

18. Wilkins read the new conflict of interest policy. Jeff Spittler (a member of RAC) helped to answer questions. The new policy addressed Work Statement authors who bid on the research work.
19. Jeff Spittler expressed concern over the 3 bidders requirement as this is not in the direct control of the work statement authors or the PES.
20. The second policy change addressed awarding research contracts to other than the lowest bidder. Jeff Spittler estimated that 80% of research projects were awarded to other than the lowest bidder.
21. A contractor selection has been recommended by the PES for 1362-RP. This is a TC 5.10 project. [Item was discussed at end of meeting in executive session]. Only one bid was received. Prime contractor is Fisher-Nickel Inc, PI Don Fisher, a major subcontractor was AEC. Steve Bruning asked for interim reports and data sets to be submitted so that he can continue to coordinate with Handbook Chapter.

Motion [Hittle-Norman] to accept recommendation of PES to award this contract (TC 4.1 is co-sponsor), Vote: 11-0-0-0.

22. TC 4.7 has developed a work statement 1416-WS and asked for TC 4.1 co-sponsorship. Doug Hittle volunteered to the on the PES/PMS.

Motion [Wilkins-Bruning] to co-sponsor, Vote 11-0-0-0.

23. TC 5.3 has developed an RTAR addressing room air flow with UFAD systems. TC 4.1 agreed to support but not officially co-sponsor this work statement. TC 4.1 plans to work on a WS of our own that will more specifically address the load issue directly.

24. Milton Goldman of TC 9.6 was present and commented regarding WS 1343. He stated that TC 9.6 recognizes that it may not be feasible to fully execute the intended research but that they intend to proceed with Phase 1 of WS 1343. TC 4.1 will co-sponsor this and will designate Bob Doeffinger to be on the PES/PMS as this project moves forward.

Motion: [Bruning-Hittle] TC 4.1 will co-sponsor the work statement and research project 1343-WS (to become 1343-RP), Vote 11-0-0-0.

25. PMS meetings were held for 1282-RP (Lighting Heat Gain...), 1311-RP (Fenestration Heat Gain with Blinds), and 1326-RP (Application Manual..).

26. It was requested that we reserve the 8:00-12:00 time slot for PMS meetings. It may be necessary to reserve additional time but that is not confirmed at this time.

27. A no cost extension is required for 1282-RP. The no cost extension will extend the completion date to Feb 1, 2007. Chris Wilkins will take the lead to contact ASHRAE Manager of Research.

Motion: [Hittle-Pedersen] TC 4.1 will agree to grant a no cost time extension to Feb 1, 2007, for 1282-RP, Vote 11-0-0-0.

Program (Friedman)

28. It was proposed to have a Symposium in Dallas. Brian Rock will serve as the Chair. The topic will be fenestration heat gain. (See attached Program Summary).

Motion: [Wilkins-Hittle] TC 4.1 will sponsor a symposium in Dallas on Fenestration Heat Gain, Vote 11-0-0-0.

29. A seminar in Quebec was discussed with a topic of heating load calculations and systems. Speakers will be Chris Wilkins, Olli Seppänen, and Ian Beausoleil-Morrison.

Motion: [Hittle-Bruning] TC 4.1 will agree to sponsor a seminar in Quebec on Heating Loads and Systems, Vote 11-0-0-0.

30. An idea for a future seminar was discussed for discussion. The topic was Hand Methods or ways to better teach loads, an Educator's perspective.

31. The topic of a basics was discussed with no conclusion.
32. Christian Keller from TC 4.5 requested that someone from TC 4.1 be present for their Handbook Subcommittee meeting on Tuesday at 11:00. Steve Bruning will attend.

Handbook (Bruning)

33. Doug Hittle will be the Handbook Liaison for this cycle.
34. The residential Chapter (CH 29) was reviewed by the Handbook Committee with no substantial comments.
35. The following is the schedule for our Handbook Chapters:

June 2006	Assign Re-writers
Jan 2008	Prelim Drafts Due
June 2008	Final Drafts Due
Jan 2009	Final Release
Feb 2009	Turn over to Handbook Committee

36. Steve Bruning presented the comments on the Chapter 29 (Residential).
37. Steve Bruning presented the initial draft of the target list for revisions plan. It is hoped to finalize this list by the next meeting (June 2006).
38. Steve Bruning noted that the current TC 4.1 research is generating great data for the Handbook and acknowledged the efforts of all those in TC 4.1 who have contributed to this.

Old Business

39. There was no old business reported.

New Business

40. Chip Barnaby brought to the committee's attention that there is an IBPSA-USA conference (SimBuild 2006 www.ibpsa.us) to be held at MIT August 2-4. Abstracts are due Jan 31, 2006.
41. Bob Hopper asked for an update as to what vendors are offering RTS based load calculation programs. Bruning reported that Carrier, Carmel, Trane, and Elite are ones that he is aware of.
42. Steve Bruning commented that the progress is good with vendors but that more progress is needed relative to educators using RTS or Heat Balance as the basis of their course work and texts.

43. Chairman Larry Sun reiterated his interest in hearing from people with a desire to become involved with TC 4.1. He specifically mentioned Handbook, Research, and Program.

Meeting Adjourned at 4:15 PM.