

ASHRAE 2014 Winter Meeting – Chicago, IL
TC 7.1 Integrated Building Design
Meeting Minutes

January 26, Palmer House Floor 7: LaSalle 3, 8:15am to 10:30 am

These draft minutes must be approved by this committee to be the official approved record.

Scope:

TC 7.1 is concerned with facilitating interaction among all building disciplines, from earliest concept development throughout the building life cycle, in order to achieve integration of design efforts and operation of the total building.

Subcommittee Meetings:

Research Sunday, January 25, 2015 5:00-6:00p Palmer House Floor 7: Clark 1

Programs Sunday, January 25, 2015 6:00-7:00p Palmer House Floor 7: Clark 1

Specifications - Sunday, January 25, 2015 5:00-6:00p, Clark 1, Palmer House Hilton

Special Publications - - Sunday, January 25, 2015 6:00-7:00p, Clark 1, Palmer House Hilton

Program Activity:

Sponsored or Co-Sponsored by TC7.1: None

Note: For votes concerning standards actions all members must be given an opportunity to vote. In the event all members are not present at the meeting a letter ballot will be sent to the absent members to vote, that will include all negative votes at the meeting and a Chair's response. In the event negative votes are received during the continuation ballot a recirculation ballot will be conducted.

Negative voters with comment on publication public review votes will be given an opportunity to appeal once the Board of Directors has approved the document for publication. Negative voters who do not comment **will not** be offered a right to appeal.

Attendees (include voting members and guests)

See also attached copy of sign-in sheet.

Voting Members:

Suzanne LeViseur - Chair
Elyse Malherek
Mitchell Swann
David Ellis
Dennis Knight
Jason Atkisson
Krishnan Gowri

Absent Voting Members:

Holly Bailey
David Allen
Greg Dobbs
Reijo Hanninen (non-quorum)
Angela Lewis (non-quorum)
Michael King
Chris Wilkins

Corresponding Members:

Minutes submitted by: David Ellis, 2/21/2015

Minutes approved on: **[Date]**

David Norvell
Kevin Amende
Martin Weiland

Guests: (add as PCM)

Salvador Acha
Michael Cooper
Paulo Presotto
Bruno Lee
Timothy Woerner
Artem Zhukov
Russell Taylor

Approval of minutes from last meeting

Any votes should be recorded as (Yes, No, No with comment, Abstention, and Unreturned)

1. **Approval of Minutes from Winter Meeting 2014 NYC Meeting** – LeViseur
Votes recorded as unanimous acceptance by members present
2. **Approval of Minutes from Annual Meeting 2014 Seattle Meeting** – LeViseur
Votes recorded as unanimous acceptance by members present

Roster Review - LeViseur

The following changes are to be incorporated in committee membership:

1. Michel Tardif will take over as chairman of the committee on July 1, 2015. David Ellis will be vice chair. Due to inability of Michel to attend every meeting, it will be more like a co-chair situation with David needing to chair the committee when Michel cannot attend.
2. Elyse Malherek has agreed to become secretary of the committee.
3. Krishnan Gowri agreed to continue being Research Subcommittee Chairman; Suzanne LeViseur agreed to continue being Standards Subcommittee Chairman; Joseph Simmons agreed to continue being Program Subcommittee Chairman; David Allen agreed to continue being Handbook Subcommittee Chairman and Elyse Malherek agreed to continue being the Committee's Webmaster.
4. Some members had asked to be removed as voting members due to various personal reasons. Other corresponding members requested to be added to the voting member list. After review of previous meeting minutes attendance records, the following members were added: Richard Dames, Gregory Dobbs (Non-Quorum Voting Member), and Thursten Simonsen. This will leave the committee with 10 voting members and one non-quorum voting member.

Subcommittee Reports

1. Handbook – *Allen*:
 - a. Not present and no report.
2. Research – *Gowri*:
 - a. *Due to lack of Research Topic Acceptance Requests (RTAR) in general, the committee is actively seeking research topics*
 - b. *Request by Krishnan to move research meeting to be 1 hour later*
 - c. *Mitchell suggests that GSA's involvement with Building Information Modeling (BIM) be a possible research topic on lessons learned (what works and what doesn't work)*
3. Programs – *Simmons*:
 - a. *Atlanta*
 - i. *Case study of school in Charlestown (Dennis and Elyse to pursue)*
 - ii. *Debate on why Litigators love BIM (with TC 1.5)*
 - b. *Orlando*
 - i. *Track: Design – Build*
 1. *Integrated lean design, possibly with Disney participation*
 - ii. *Track TBD*
 1. *Mass energy model*

Minutes submitted by: David Ellis, 2/21/2015

Minutes approved on: **[Date]**

- iii. *Conference papers are due March 28, 2015*
 - c. *Future*
 - i. *Integrated build track*
- 4. Specifications – *King*:
 - a. Not present and no report.
- 5. Special Publications – *Gulledge*
 - a. Not present and no report.
- 6. Webmaster – *Malherek*
 - a. Minutes are posted
 - b. Basecamp site being set up for TC
 - c. Every TC to have a Facebook page.

Old business

1. CSI/ASHRAE UniFormat Collaboration – *King* – *not present and no report*.
2. TC 7.1 Liaisons to Other Committees:
 - a. MTG BIM – Elyse Malherek
 - i. The MTG is reviewing ISO, but ASHRAE is not active
 1. How to be ahead of the curve
 2. How can ASHRAE lead
 - ii. ALI BIM course
 1. 32 people have taken the course
 2. The number of BIM guide downloads is unknown
 - iii. Dennis is working on BIM processes, practices and workflow
 - b. *SPC 209* – *Greg Dobbs* (*not present and no report*)
 - c. *Section 9: TC7.1 liaisons*:
 - *TC7.2* – *Michell Swann*
 - *Discussion on Design-Build (DB) issues*
 - *TC1.7 re-writing DB guidelines*
 - *Integrated project delivery issues*
 - *TC9.1* – *NONE*
 - *TC9.2* – *NONE*
 - *TC9.3* – *NONE* – *don't know if one is necessary*
 - *TC9.4* – *Suzanne LeViseur* (*no report*)
 - *TC9.5* – *NONE* – *folded*.
 - *TC9.6* – *Billy Austin* (*not present and no report*)
 - *TC9.7* – *Suzanne LeViseur* (*no report*)
 - *TC9.8* – *Billy Austin* (*not present and no report*)
 - *TC9.9* – *NONE*
 - *TC9.10 Lab Systems* – *Michell Swann*
 - *Design guide for lab planning is being finished*
 - *Energy consumption is a big issue*
 - *NFPA issues*
 - *TC9.11 Clean Rooms* – *Michell Swann*
 - *Research project on particle generation rate for better filtration targeting*
 - *Clean room design guidebook*
 - *Energy reduction in clean spaces*
 - *CFD is a key tool along with BIM*
 - *TC9.12* – *NONE*
 - d. *MTG. EAS* – *Joe Simmons* (*not present and no report*)
 - e. *MTG.BPM* – *Greg Dobbs* (*not present and no report*)
3. *ALI IBD Course* – *No report*

New business

1. Programs for Orlando already discussed
2. TC 7.9 issued ICC 1000 application for the Cx process, which is currently seeking comments - *Dennis*

Next meeting: Monday, July 27, Atlanta, GA

Adjournment