

ASHRAE 2016 Winter Meeting – St-Louis, MO  
**TC 7.1 Integrated Building Design**  
**MEETING MINUTES**

**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 –Program-Handbook Sunday, June 26, 2016 5:00-7:00pm, ACCC 241-2

**Main Committee Meeting:** Monday, June 27, 2016 8:15-10:30 am Landmark 1 (CL)

A. **Call to Order** – Tardif – 8:15 AM

B. **Roll Call**

C. **Introductions**

D. **Review of Agenda**

E. **Approval of Minutes from Winter Meeting 2016 Orlando Meeting** – Tardif

- Jason moved, Thurston second. Unanimously approved.

F. **Roster Review**

G. **Subcommittee Reports**

1. Handbook

- Continual renew. We had a review and got a New online editing tool, all in Word (automatically autosaves) with tracking changes. Only annoying change is that you essentially need internet access. Can use color but grayscale in publication. Everyone in the TC is authorized.
- [Authoring.ashrae.org](http://Authoring.ashrae.org)

2. Research – Gowri:

**.2.1 Co sponsoring WS Populating and Utilizing ASHRAE Online BIM Data Content Rob Hitchcock In limbo, not approved or rejected Lots of people building BIM content, this would develop a framework to standardize content. Potentially including attributes and data fields, parameters list and the type of information you need to populate for HVAC (ASHRAE)**

We voted in favor of cosponsorship

Working with Xhia for **RTAR Building performance metrics for integrated design**

Potential on RTAR for Design Build versus Design Bid Build – Change order, litigation, schedule variance, CII construction Institute, CURT construction user round table (smaller scale), DBIA, CIAA, are related to Design Build. CIAA is owners and large scale and owners perspective and objective. 7.2 research cosponsorship

3. Programs – Russell: Program for Las Vegas: Design Build and Design Bid Build  
Long BeachMina for Passive house. 2030 in MN.

4. Specifications – King: Gone, cross off the agenda for next time.

5. Special Publications – Gullledge

- Chuck is rolling off the board, so time to work again.
- Working with Tom Phoenix and Dennis Knight. Mitchell to help. Lots of movement by fall hopefully. Six month.
- Integrated building design manual of practice (or some variant) Integrated Building Design Guide. Show how to leverage interdependencies to come away with the best outcomes. Fundamentals book.
- Up to 70 pages
- ALI IBD back on track for Las Vegas meeting. Three hour version (not six hour version). Not sure if Lisa Rosenow will come back.

6. Webmaster – Malherek

New website

I will create Basecamp (Jocelyn)

**H. Old Business**

1. CSI CSI/ASHRAE UniFormat Collaboration – King – Go away please 😊 Last time on agenda and minutes

2. TC 7.1 Liaisons to Other Committees:

a. BIM Steering Committee (now MTG) – Malherek

- Dennis writing NIBS BIM Guide for Owners. Started last October, face to face in DC. To be sent to advisory board including Corp of Engineers. August to approve last proof. Public review after that. Move to ASHRAE after that to approve as ANSI Standard. For Public Review,
- Dennis will post to Basecamp for our TC.
- Content includes: How to write contracts for owners to suit their needs and pay only for their needs, standard of care with content issues, dealt with IP a little bit, and owner counsel. We'll have a seminar on it once it's done.
- National BIM Standard is NOT a standard, If you want for asset management, this is fundamental.

b. SPC 209 – Dobbs

Computer Simulation aided design

c. Section 9: TC7.1 liaisons to the indicated TC of Section 9:

- TC9.1 – NONE

- TC9.2 – NONE

- TC9.4 – LeViseur – Nothing major

- TC9.6 - Austin - subcommittee that meets them. We'll check minutes

- TC9.7 – Atkinson (LeViseur as back-up) Focus on K-12. This TC struggles with everything. No research, no programs, management lacking. Other buildings end up in another committee.

- TC9.8 – Austin

90.4 was approved by the committee data centers

- TC9.9 – NONE

- TC9.10 – Atkinson Seminar on Wed. Forming an MTG on lab Classifications. Lab design guide re write is out, future seminar for that TC.

- TC9.11 – Sheih Change the rep to Mitchell. Clean room design guide. Publication by this meeting or January.

- TC9.12 – NONE

d. MTG. EAS -Simmons Disbanded

e. MTG.BPM –Dobbs Gone

f. MTG-OBB-Tardif – put ourself as corresponding member to get minutes.

Cold climate design guide, published last year.

3. ALI IBD Course – Gulledge

1.7 Survival guide for design build

I. **New Business**

1. **Programs for Las-Vegas and Long Beach .**

2. **Other**

J. **Next Meeting:** Monday, January 30, 2017, Las-Vegas NV

Adjourn 9:25