

ASHRAE 2013 Winter Meeting – Dallas, TX

TC 7.1 Integrated Building Design

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/Handbook Sunday, January 27, 2013 5:00-7:00p City View 1, Sheraton 4th Floor

Program Sunday, January 27, 2013 5:00-7:00p City View 1, Sheraton 4th Floor

Specifications Sunday, January 27, 2013 5:00-7:00p City View 1, Sheraton 4th Floor

Special Publications Sunday, January 27, 2013 5:00-7:00p City View 1, Sheraton 4th Floor

Program Activity:

Sponsored or Co-Sponsored by TC7.1:

Seminar 10: Integrated Building Energy Retrofits

Seminar 38: BIM for Dummies

Seminar 50: Deep Energy Retrofit

Seminar 59: New Mobile Applications for HVAC Field Work and Building Retrofits

Attendance:

Voting Member

Billy Austin - Chair

Greg Dobbs

Michael J King

Angela Lewis (non-quorum)

Charlie Shieh

Chris Wilkins

Absent Voting Members

David Allen

Holly Bailey

Chuck Gullledge

Reijo Hanninen (non-quorum)

Lisa Rosenow

Corresponding Member

Jason Atkisson

Krishnan Gowri

Suzanne LeViseur

Elyse Malherek

Mitchell Swann

Michel Tardif

Paul Torcellini

Guests (add as PCM)

Kelton Friedrich

Dan Manole

Agami Reddy

Joe Simmons

Kevin Stuart

Main Committee Meeting:

Integrated Building Design Monday, January 28, 2013 8:15-10:30 AM Trinity 1, Sheraton 3rd Floor

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

B. **Roll Call** – Austin - 8 of 10 voting members present to start; 2 member non-quorum not in attendance;

C. **Introductions** – Austin

1. *Guests:*

Philip Haves – RAC Section Head

Dustan McCauley – CEC IPD Mini Conference chair

Ben Leppard - CEC Chairman

D. **Review of Agenda** - Austin

E. **Approval Of Minutes from Annual Meeting 2012 San Antonio Meeting** – Austin – 8-0-0

F. **Roster Review** - Austin

G. **Subcommittee Reports**

1. Handbook – Allen: Chapter 57 of Applications – “Integrated Building Design” – Chapter was published as revised in 2011 Edition of the Handbook.
2. Research – Wilkins: Received a URP. After review we voted to reject the URP. Chris sent note to RAC regarding why.
3. Programs – Lewis/Simmons: (see attached)
 - Dunston McCauley from CEC spoke regarding Mini-conference on IPD Process they have set up seven sessions for the Denver meeting – scheduled for Sunday and Monday. IPD 101 – describing methodology of the process including implementation. Part 2 will go into the tools that are available. Planning a debate with the different delivery methods. Possibly 1-2 case studies. Another session possibly on risk and rewards. Last session on “what is coming next” for the process.
 - Joe will be incoming program chair. Angela will mentor through the year.
 - February 11 is when everything is due.
 - New discussions yesterday added some possible topics. Elise has one “IBD does not indicate BIM” asked for any projects.
 - Greg has idea for a session for NY for another discussion on IPD for retrofit – seminar.
 - Chuck – case study on a design build heavy industrial project
 - Chuck – Tom Phoenix will have something in his presidential theme about IBD. Be prepared.
4. Specifications – King: Mike has retired from the task group at MasterSpec and introduced his replacement. Spoke of new process. Also indicated next update cycle for MasterSpec. Didn't know update cycle for Unifomat.
5. Special Publications – Gullidge – gave report regarding special pub on IBD roadmap. Series of books similar to datacom series. Some fundamental books, application series, etc. Intended to be a repository of IBD thought. Not sure of final format – print; electronic, etc.
6. Webmaster – Malherek – working on correcting the website. She deleted some meeting minutes by accident. Encouraged use of Google group website. She posts everything she gets from Billy on the site. It is more private than the ASHRAE public website and has info we don't publish on the website available.

H. **Old Business**

1. CSI/ASHRAE UniFormat Collaboration – King – nothing new to speak to this.
2. TC 7.1 Liaisons to Other Committees:
 - a. BIM Steering Committee (now MTG) –Malherek – Request for Standing Column Authors for Journal
 - 2013 ASHRAE Webcast will be on BIM – CTTC committee is chairing/running – Chuck will get with Chris regarding content/when etc.
 - Creating a working group to work with NIBS – another topic per Chris – never reached a memo of understanding. Handled by Jeff Littleton – has fallen by the wayside. Not sure what is happening now.
 - Standard 205 – modeling different equipment and Guideline 20. – Chip Barnaby is heading up. Overlap with Standard 205 and ISO 16757.
 - BIM Guide – switch to power point and make e-learning course. – moving forward – Tim Dwyer project. Intro to BIM guide basis for this course.

- Chris Wilkins, chair of MTG.
- Met Saturday, 1/26/13 – talked about working group meeting and digitizing manufacturer's catalogues. Committee is - TC59SC13 Standard is ISO 16757 – see if ASHRAE can get involved in this.
- b. SPC 209 – Greg Dobbs volunteered to be our liaison. – SPC meets this afternoon and tomorrow. Committee is set up into numerous subcommittees. Still in an early organizational stage.
- c. National BIM Standard – version 2 is out NIBS – do we need a Liaison? Building Smart Alliance – ASHRAE not involved.
- d. Section 9: TC7.1 liaisons to the indicated TC of Section 9:
 - TC9.1 – Holly
 - TC9.2 – NONE
 - TC9.3 – NONE – don't know if one is necessary
 - TC9.4 – Suzanne
 - TC9.5 – NONE – folded.
 - TC9.6 - Lisa
 - TC9.7 – Jason (Suzanne as back-up)
 - TC9.8 – Billy
 - TC9.9 – NONE
 - TC9.10 – Jason
 - TC9.11 – Charlie
 - TC9.12 – NONE
- e. MTG. EAS – Joe Simmons will be our liaison. Billy had Mike Vaughn add him to our roster and add him as our liaison. – Suzanne to upgrade him to corresponding member.
- f. MTG.BPM – Greg Dobbs – best practices guide has been approved by both special pubs and MTG. Previous document (Building Performance Protocols) was too academic and sales have been low. Looking for case studies where buildings have used the protocol and actually did some work based on it. Special project committee created a new Performance Metrics Protocols best practices book. Report to NIST has created a DASH data base. Offered copy of report. www.dashbuildings.com has more information.
- 3. ALI IBD Course – Gulledge – has offered versions of the IBD lite course in numerous locations. Full blown course will be offered in New York on Saturday. Dennis Knight and Lisa Rosenow did the 6 hour course last fall.
- 4. **From previous meeting - should this committee change name to IPD or become an MTG?**
Review TITLE SCOPE and PURPOSE
 - a. Gap between the class content vs. Handbook vs real world (contracts)
 - b. TC Create Recommendations for the whole committee to review
 - c. Lisa, Dennis, David, Mitchell – TC to spearhead
 - suggested that we don't want to change to this – we would not have corresponding members available.
 - IPD is more of a legal aspect
 - we should be involved in an MTG but not disband to become one. Holly feels we have a bad PR problem.
 - Angela suggested changing subcommittee meeting time if possible.

I. New Business

1. **Programs for Denver – IBD mini-conference. See program report.**
2. **Other – new positions opening – Vice chair and Secretary.**
3. **Holly – TC4.4 in process of doing a special pub/guideline of building renovation/rehab.**
4. **JR Anderson is doing a handbook on IBD and building maintenance book on TC7.9 – Heather Buckberry will investigate**

J. **Next Meeting:** Monday, June 24, 2013, Denver, CO

K. **Adjournment**