



**ICC CODE TECHNOLOGY COMMITTEE
MEETING #29
March 26 – 27, 2014**

**DRAFT MINUTES
Four Points Sheraton Chicago O'Hare
10249 W. Irving Park Road
Schiller Park, IL 60176**

**Wednesday, March 26: 9:00 am – 5:00 pm
Thursday, March 27: 9:00 am – 2:00 pm**

1.0 Welcome and introductions - Chair Baldassarra

1.1 Call to order; introductions; welcoming remarks

Carl called the meeting to order at approximately 9:00 am on March 26th, noting the primary agenda items being whether or not there are IgCC changes related to CTC's Area of Study for which the CTC wants to testify and to prepare for the 2015 Group A code development cycle. As in the past, be sure to state your affiliation/representation when participating in CTC discussions. Carl also briefed the group on the status of CTC member Carl Wren who was hospitalized for heart surgery.

Self introductions were made. See Appendix A for a list of attendees.

2.0 Approve agenda (posted)

Added items:

- 3.4. 2014 Cycle dates
- 3.5. 2015 – 2017 Cycle
- 16.2 cdpACCESS

Agenda approved as revised.

3.0 Administration

3.1 Elect Chair and Vice Chair

Chair – Carl Baldassarra
Vice Chair – Carl Wren

3.2 Approval of September 16 – 17, 2013 Minutes (posted)

Approved

3.3 Review/update Study Group matrix (posted)

Revisions:

BFP Vertical openings: Add Koffel and Jewell
Fire rated glazing: Barrs to Chair, Lovell to Vice Chair; Add Collins
NIST Sofa store fire: Wren to Chair, Barrs to Vice Chair
Relocatable modular: Lovell to Vice Chair, Barrs off
Unenclosed exits: Add Barrs
WTC: Nickson to Vice Chair; Add Collins, Burton, McNabb and Frable to SG

3.4 2014 Cycle dates (new item)

CAH: April 27 – May 3 in Memphis
PCH: October 1 – 7 in Fort Lauderdale. Hearings may not go all the way to the 7th.

It was noted that assembly motions made at the CAH will be voted online via cdpACCESS and following the
CTC Meeting # 29 Draft Minutes

PCH, the first ever Online Governmental Consensus Vote will be conducted.

3.5. 2015 – 2017 Cycle (new item)

The schedule has been posted. Of note to the CTC is IEBC non structural will occur in Group A.

4.0 Review 2014 IgCC Code changes related to CTC Areas of Study to determine CTC involvement this cycle (posted)

CTC Support: GG11, GG233, GG249

CTC Support with CTC modifications: GG245, GG252, GG257, GG294, GEW43, GEW99, GEW111, GEW178

Reports for the CTC Areas of Study have been created and posted as follows:

- **Report 1: Working meeting reviewing results of the 2012/2013 Code Development Cycle to determine action/workplan, if any, for the 2015/2016 Cycle.**
- **Report 2: Working meeting to review issues note covered in Report 1 for possible consideration for the 2015/2016 Cycle.**

5.0 Child window safety: Reports 1 and 2

Report 1:

No follow up required

Report 2:

2015 IRC Section R310.1.1 specifically notes that devices complying with ASTM F2090 do not jeopardize compliance with the emergency escape and rescue provisions. A similar section is needed in Section 1030.4 of the IBC.

The term “special knowledge” relative to the application of the emergency escape and rescue opening provisions has led to inconsistent enforcement due to wide ranging interpretations. With the new devices complying with ASTM F2090, this situation may become exacerbated. IBC Section 1030.4 does not include provisions for “special knowledge” however IRC Section R310.1.1 includes the provision. Delete “special knowledge” in IRC Section R310.1.1 for consistency with IBC 1030.4.

6.0 Care Facilities: Reports 1 and 2

Report 1: Follow up on:

G54/G55: correlation

F54: clarification

F239: send public comment to ad hoc healthcare for follow up

Report 2:

- Use Condition 1 and 2 to differentiate occupancies in Groups I-1 and R-4. Alzheimer’s and Residential Care Facilities to Condition 2. Assisted living to Condition 1.
- Compare IRC/IBC sprinkler requirements for Group R-4 Condition 1 and 2 and coordinate with IRC
- Alzheimer’s care/Memory care/Dementia facilities should be in Group I-1 list
- Intervening rooms and spaces for Group I- to correlate with Group I-2 allowances
- Delayed egress locking – should two delayed locks be allowed in Group I-1 similar to Group I-2 (I-2 approved last cycle)
- I-2 Nursing homes
 - F109 – F111 clarify percentage calculations
 - Review Long Term Care Task Force issues
- Adult day care I-4
 - Need consistency with Group I-1
 - Review evacuation plans
 - Tenant fit outs in store fronts – sprinkler/separation

- Investigate use of term ‘sleeping unit/room’
- Child abduction concerns/locking – look at changes for hospitals
- Sprinkler limits in group homes R-4
- Review decorative materials provisions based on last cycle

7.0 Balanced Fire Protection (BFP)

7.1 Vertical openings: Report 2 only

Report 2:

Tenability: Study group has not come to agreement on tenability criteria. Chair appointed Dave Collins, William Koffel and Carl Wren to develop specific criteria for next CTC meeting using the scope and work plan developed by Vickie Lovell as a starting point.

Motion made and approved by CTC to not investigate joint issues.

7.2 Roof vents: Report 1 only

Report 1:

No follow up required. The issue of possibly removing vents (other than mechanical) from the code as noted in Rich Schulte email will not be investigated by the CTC.

8.0 Unenclosed Exits: Reports 1 and 2

Report 1:

No follow up required

Report 2: Not posted. Report as follows:

- Review changes to assembly seating where stepped aisles join open exit access stairways
- Review coordination with Chapter 7 – shaft enclosure requirements
- Mezzanines coordinated with 2nd floor allowances
- Accessible means of egress – depressed or raised areas; mezzanines
- Exit signage at exit access stairways

9.0 IBC Coordination with ADAAG: Reports 1 and 2

Report 1: Follow up on:

E215, E216, E225, EB21, EB42, F172

Report 2:

- Clarify door hardware operating force – allowing for more than 5 lbs. for panic hardware and breakaway features
- Clarification of signage requirements
- Coordination between accessibility requirements in the different IEBC chapters
- Lock/latch requirements in ISPSC
- Review the new Public Rights-of-Way provisions for possible coordination/revisions
- Review IEBC Section 301.1 Exception – does this exempt improvements to the accessible routes for older buildings?

10.0 Elevator Lobbies: Reports 1 and 2

Report 1:

Follow up to FS66:

- Address opposition issues
- Address non-sprinklered buildings
- Hospitals, nursing homes, hospitals have additional compartmentation to protect patients
- Cite major cities w/o lobbies which have been built over the years
- Cite history of lobby provisions

11.0 Review of NIST WTC Recommendations: Report 2 only

Report 2: Investigate possible proposals for:

- Exceptions for standby power
- Are evacuation and fire service elevators needed for parking garages?
- Clarify water protection for evacuation and fire service elevators to make sure the codes employ a reasonable approach to keeping fire protection water from the hoistway

12.0 Climbable Guards: Report 1 only

Report 1:

IBC 1015.3 Exception 1: Delete “or adjacent fixed seating” for consistency with IRC R312.1.2

13.0 Relocatable Modular Buildings: Report 1 only

Report 1:

Address the issues of concern noted in the Disapproval of G198 and G203 and follow up with code changes.

14.0 NIST report on Charleston Sofa Fire: Report 1 only

Report 1:

- Send F345 and ADM38 to FCAC for follow up based on FCAC expertise on these issues.
- Develop IFC code change for retroactive sprinkler protection for occupancies which have upholstered furniture or mattresses.

15.0 Labeling of Fire Rated Glazing: Report 2 only

Report 2:

- Follow up to FS83-12 to address marking for floor/ceiling assemblies
- Follow up clarifications to Table 716.5 to address “T” designations
- Editorial item to remove footnote “c” to Table 716.5

16.0 New business

16.1 New fire extinguisher system concept for residential occupancies (Schulte)

Not discussed. Rich Schulte not in attendance.

16.2 cdpACCESS (new item)

Discussion:

- The collaboration mechanism of cdpACCESS is available to CTC if it is determined to be more efficient than the current mechanism of emails and conference calls. CTC collaboration requires email addresses to be input into the system no differently than any other user who wants to collaborate with a group using the cdpACCESS platform.
- If there are multiple floor assembly motions for a given code change, each will be voted separately online following the Committee Action Hearing.
- March 28 is the deadline for new ICC Members and Governmental Members to be in the system in order for their representatives to be eligible to vote on assembly motions. The deadline for updated Governmental Member Representatives is September 1st in order to vote at the Public Comment Hearing and the Online Governmental Consensus Vote.

17.0 Old business

None

18.0 Future Meetings in 2014

18.1 Next meeting: TBD

The next CTC meeting does not have to be coordinated with the public comment deadline or Public Comment Hearings. Any issues can be dealt with via conference calls.

19.0 Adjourn

The meeting was adjourned at approximately 11:30 am on March 27th.

CTC website: All documents posted on the CTC main page under the meeting announcement at the top of the page:

<http://www.iccsafe.org/cs/CTC/Pages/default.aspx>

ICC CODE TECHNOLOGY COMMITTEE

MEETING #29

Appendix A - Meeting Attendees

CTC Committee and Staff

CTC Committee

Carl Baldassarra, Chair
Tom Barrs
Ron Clements
Dave Collins
Wayne Jewell
Bill Koffel
Vickie Lovell
Ron Nickson
Steve Orłowski
William Schock

RJA Group
Scottsdale, AZ
Chesterfield, VA
The Preview Group, Inc. Rep: AIA
Charter Township of Green Oak, MI
Koffel Associates, Inc.
Alliance for Fire & Smoke Containment & Control
National Multifamily Housing Council
National Association of Home Builders
San Leandro, CA

Staff

Lauren Crane
Kim Paarlberg
Mike Pfeiffer
Bill Rehr
Tom Frost

Interested Parties

Nancy McNabb
Greg Keith
John Woestman
Jeri Morey
Ron Burton
Dave Frable
Bob Upson
Emily Wilcheck
John Valiulis
Julie Ruth
Bob Davidson
David Dawdy

NIST
Boeing
Kellen Company
Jeri L.S. Morey, Architect
BOMA
GSA
NFSA
Primary Fire Rated Glazing Mfg.
Hilti
AAMA
Davidson Code Concepts
Cornell Iron Works