

**ICC Code Technology Committee
DRAFT MEETING MINUTES**

MEETING # 3

**September 22-23, 2005
Detroit Marriott Renaissance Center
Detroit, MI 48243
(313) 568-8000**

Thursday, September 22: 8:00 a.m. – 5:00 p.m.
Friday, September 23: 8:00 a.m. - 2:00 p.m.

1.0 Welcome and introductions - Chair Heilstedt

1.1 Call to order

Chair Heilstedt called the meeting to order at approximately 8:05 on September 22nd.

1.2 Introduction of committee/attendees

Members present: Shahriar Amiri, Carl Baldassarra (Vice Chair), Marty Conant, Paul Heilstedt (Chair), Steve Jones, Ron Nickson, Robert Salvaggio, Jeff Tubbs (alternate to Meacham), Marsha Mazz

Members absent: Brian Meacham, Paul Tellez

Staff liaison: Mike Pfeiffer

Attendees: A list of attendees is provided at the end of these minutes.

1.3 Welcoming remarks

Chair Heilstedt indicated that this CTC meeting will include a public hearing on CO alarms, and a working meeting on climbable guards, balanced fire protection and day care.

2.0 Approve agenda

The agenda was approved with a modification to include new item 9.1 – NIST WTC Recommendations.

3.0 Approve minutes of July 25 - 26, 2005 meeting

Approved.

4.0 Carbon Monoxide Alarms

4.1 Public Hearing – Draft report of CTC recommendations

Chair Heilstedt introduced the Draft report and asked for comments. The following presented materials:

Brandon Tudor, GAMA: Powerpoint entitled “Carbon Monoxide Alarms”

Wendy Gifford, Invensys: Powerpoint entitled “The Case for Carbon Monoxide Protection”

Further discussion ensued with comments offered by Debbie Hanson (First Alert), Eric Daruche (Town & Country Cedar Homes) and Liz Overbeck (Overbeck Foundation)

The committee reviewed the draft, bullet-by-bullet, under the section “Considerations”. Among the issues considered:

- Consider submission of a code change to place CO alarm requirements in the appendix of the IBC and IRC.
- The CO standards are viewed as deficient relative to notification for the hard of hearing
- Lack of automatic alert if the device is not operating.
- Whether or not to include a section in the report entitled “Documents considered”

It was determined that CTC reports should not include a section on “documents considered”. ICC will retain file copies and a list of the documents posted on the website. Going forward, the minutes of specific working meetings and public hearings will identify resource documents considered.

A motion was made and seconded to revise the recommendation to mandate CO alarms. The motion failed 1-7. A motion was made and seconded to revise the recommendation to include a second sentence in the recommendation that provisions for CO alarms, patterned based on the IRC provisions for smoke alarms, be considered for inclusion in the appendix of the IBC and IFC. The motion passed 4-2-2.

Upon further discussion, a motion was made and seconded to reconsider the motion to include the second sentence relative to including provisions in the appendices of the codes. The reconsideration motion passed (6-0-1). The motion to add the second sentence was reconsidered and failed 1-6.

It was noted that while the CTC decided not to include recommendations proposing an appendix in the codes, this was not to be viewed as precedent setting and in the future, if it is determined that an appendix is appropriate, it was within the purview of the CTC to make such a recommendation.

A motion was made, seconded and approved to approve the report as revised and submit to the CEO in accordance with CP #5.

5.0 Climbable Guards

5.1 Working Meeting

The following presented materials:

Tim Moss, NOMMA:

Excerpts from document entitled “The State of Home Safety in America” by the Home Safety Council

Tom Zuzik, Artistic Rails:

Powerpoint entitled “CTC Climbable Guards – CPSC Data, Queensland’s Study & Normal Use”

Excerpts from a CPSC injury database

Bob Lee: Cited information from the following:

Injury Bulletin Queensland Injury Surveillance Unit No 80 February 2004 – “Toddler Falls from Balconies & Windows” (referred to as “Queensland study”)

Injury Prevention (IP) Online 2003:9;349-352 – “Childhood injuries due to falls from apartment balconies and windows” (referred to as “Dallas study”)

Dave Cooper, SMA: Verbal report

There was further discussion relative to the magnitude of significant injuries that can be extrapolated from the studies presented. The extrapolation ranged from 330 (Dallas study) to 1400 (Queensland study).

The CTC agreed that children will climb guardrails, regardless of the design/configuration. The data presented yields different conclusion based on which side of the issue you are on. A motion was made, seconded and approved to create a CTC Climbable Guard Study Group. The charge is as follows:

The CTC concurs that all guard configurations are potentially climbable. The study group is charged with developing design criteria for guard configurations which are “Climb resistant”.

6.0 Balanced Fire Protection

6.1 Review of 7/25/05 Work Plan

Kevin Kelly presented the view that there is no need for the CTC to pursue this area of study since the ICC Code Development Process provides a suitable forum to debate the issues. Two handouts were distributed: Journal of Fire Protection Engineering Vol.12, May 2002 - “Effectiveness of Fire Safety Components and Systems”

NFSA CodeWatch No. 63, Summer 2003 “Code Officials Beware The Alliance for Fire Safety is

distributing incorrect and misleading information”

Richard Shulte cited a new sprinkler reliability study recently issued and further noted that the performance measures to evaluate balanced fire protection may be found in Chapter 4 of NFPA 5000.

Luke Woods presented comments to the workplan in the form of a document entitled “Proposed CTC S.O.S and Work Plan” and a list of issues which should be considered when defining the terms “acceptable level of fire safety” and “balanced fire protection design”.

With input from Vickie Lovell, the CTC discussed the points raised in Luke Woods’ comments. No changes were made to the CTC balanced fire protection work plan dated 7/25/05.

6.2 Working meeting - code related specific subjects by interested parties, if any

None submitted.

The CTC noted to those in attendance that going forward, the discussion on this area of study will be limited to specific code related issues, as identified in agenda item 6.2.

7.0 Day Care/Adult Care/Assisted Living

7.1 Working Meeting

A brief overview was presented by CTC member Steve Jones, with his handout entitled “Area of Study – Day Care/Adult Care/Assisted Living Preliminary Analysis September 21, 2005” Steve noted that he is compiling information from state run organizations on this topic.

8.0 Old business

9.0 New business

9.1 NIST WTC Recommendations

Staff informed the CTC and those in attendance that the ICC Board recently approved an additional area of study which involves the review of the NIST June 23, 2005 “Final Report of the National Construction Safety Team on the Collapses of the World Trade Center Towers (Draft)” for possible code impact. A handout outlining the summary of the 30 recommendations (Table E-1 from the NIST report) was distributed. It was noted that this report is called a “Draft” and as such, may be subject to change. Staff identified that ICC’s Terrorism Resistant Building committee is also reviewing the NIST report for possible code impact. Chair Heilstedt will serve as the coordinator for this new area of study. Paul, Carl and staff will meet to make CTC assignments in order for the CTC to prepare for the December CTC meeting.

10.0 Review/Update CTC Work Plan

Staff to review progress to date and update as needed.

11.0 Next meeting

11.1 Tentatively scheduled for December 2-3 Las Vegas

It was correctly noted that the next CTC meeting will be December 1 - 2 and not 2-3 as indicated on the agenda. The meeting is scheduled for December 1 – 2, from 8:00 am – 5:00 pm, both days.

11.2 Identification of next meeting agenda items

The December 1-2 agenda order will be as follows:

1. Climbable Guards
2. Day Care
3. Balanced Fire Protection
4. NIST WTC Recommendations (with a specific start time of 8:00 am on December 2)
5. Resume any outstanding issues in items 1-3

12.0 Adjourn

Chair Heilstedt adjourned the meeting at approximately 1:00 pm on September 23rd.

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List of Attendees

Thursday September 22, 2005

**Bill McHugh, Firestop Contractors International Assoc.
Bob Lee, Town of Cave Creek
Brandon Tudor, GAMA
Brian Maltby, IAFC
Chris Maitner, Christopher Metal Fab
David Cooper, Stairway Manufacturers Assoc.
David Dratnol, Isolatek International
Deborah Hanson, First Alert/BRK Brands
Doug Bracken, Wiemann Iron-NOMMA
Duane Becker, Fire Trak Corp.
Ed Godziszewski, Figamo USA Inc.
Elizabeth Overbeck, Overbeck Foundation
Eric Darooge, Town & Country Cedar Homes
Ernie Ralston, Feeney Wire Rope
Gene Garrett, Regency Railings Inc.
Jeff Inks, NAHB
Jim Messersmith, PCA
Kevin Kelly, NFSA
Luke Woods, W.R. Grace
Patrick Kelly, Carl Stahl Decorcable
Rich Garcia, Belimo
Rich Walke, UL
Rick Thornberry, The Code Consortium Inc.
Robert Wills, AISI
Sam Francis, AF&PA
Sarah Rice, Schirmer/AHLA
Steve Engebretsen, The Wagner Companies
Ted Williams, AGA
Thom Zarembo, Pilkington and Fire-rated Glazing Ind.
Thomas Zuzik, Artistic Railings Inc.
Tim Moss, NOMMA
Tony Leto, Wagner Companies
Tony Martinez, Disenos Inc.
Vickie Lovell, Intercode Inc.
Wendy Gifford, Invensys/Firex
William Johnson, Door & Hardware Institute
William Koffel, Koffel Associates Inc.**

Friday, September 23, 2005

**Bill McHugh, Firestop Contractors International Assoc.
Bob Lee, Town of Cave Creek
Brian Maltby, IAFC
Chris Maitner, Christopher Metal Fab
Dave Collins, AIA**

Duane Becker, Fire Trak Corp.
Ernie Ralston, Feeney Wire Rope
Jim Messersmith, PCA
Kevin Kelly, NFSA
Luke Woods, W.R. Grace
Patrick Kelly, Decorcable Innov.
Ray Kechely, Ultra-Tec Cable Railings, The Cable Connection
Richard Schulte, Schulte & Assoc.
Rich Walke, UL
Robert Wills, AISI
Sam Francis, AF & PA
Sarah Rice, Schirmer, AHLA
Thom Zarembo, Pilkington and Firerated Glazing Ind.
Tim Moss, NOMMA
Tony Leto, Wagner Companies
Tony Martinez, Disenos, Inc.
Vickie Lovell, Intercode Inc.
William Johnson, Door & Hardware Institute