Notice posted on CTC website on August 18, 2014

CTC interested parties:

The work of the Code Technology Committee (CTC) has carried on the long tradition of code development activity that started with the Board for the Coordination of Model Codes (BCMC) in 1975. Created by the ICC Board in 2004, the CTC recently concluded its 29th meeting in March of this year. Over 10 years and thousands of committee and stakeholder volunteer hours has resulted in the CTC being the “go to” committee to consider selected topics identified by the ICC Board.

Over the past 4 years, ICC’s Code Action Committee’s (CAC) have been very active as well. Due to the duplicative committee structure of the CTC and the CAC’s, the Board has come to the difficult decision that while the CTC has performed a valuable service to ICC and the I-Codes, it is time to fully commit ICC resources to the CAC committee structure.

Accordingly, the Board has directed staff to work towards sun setting the CTC by the conclusion of the 2016 Cycle (Group B Codes). At this time, CTC is being directed to focus its time and energy on two current CTC Areas of Study: Care Facilities and Elevator Lobbies (which includes elevator related topics from the NIST World Trade Center recommendations). The on-going work performed on the other Areas of Study by the CTC and Study Groups will be assigned to either the Building Code Action Committee (BCAC) or the Fire Code Action Committee (FCAC) based on their respective scopes outlined in Council Policy 31.

The next meeting of the BCAC and FCAC is scheduled for December 9 – 10. Staff is developing the work plan in order to transition CTC activities to the applicable CAC and CAC Work Groups well in advance of the next CAC meeting. (See attached)

If you have any questions, feel free to contact the CTC staff liaison, Mike Pfeiffer @ mpfeiffer@iccseafe.org.
Due to the duplicative nature of the CTC and the CAC’s, the ICC Board came to the difficult decision to sunset the CTC effort by the end of the 2016 Code Development Cycle and assign certain Areas of Study to the applicable CAC for the upcoming 2015 & 2016 Cycles. The CTC was notified of this decision via a letter from ICC Board President Steve Jones on August 12, 2014. Staff followed up and held a call with the CTC on August 15th. The notice was posted on the CTC website on August 18th and linked from the CAC website. The CTC will continue to work on the following two Areas of Study for the 2015 & 2016 Cycles.

- Care Facilities
- Elevator Lobbies (which includes elevator related topics from the NIST World Trade Center recommendations).

The CTC Study Groups are finishing their work via conference calls on the items that will be transferred to the CAC’s in order for a complete work product to be conveyed in a timely fashion for the CAC’s to review and determine the direction they want to go on the subject Areas of Study. The CTC Study Group work product will be assembled and distributed to the applicable CAC by September 15th. The next meeting of the BCAC/FCAC is scheduled for December 9 – 10, 2014. This will give the CAC’s almost 3 months to conduct Work Group calls to review the subject material prior to the CAC December meeting.

CTC Study Group participants have been notified of the transfer of work and will be provided the opportunity to participate in the CAC Work Group calls. Further, the CTC has scheduled its next meeting for December 8-9, 2014 in anticipation of a joint CTC/CAC meeting on the morning of December 9th to respond to any outstanding issues/questions from the CAC’s and CAC interested parties.

As noted above, the CTC and CTC Study Groups have been briefed on this activity. CAC staff liaisons will be communicating this activity to their respective CAC committee and Work Groups.

The following is a summary of the CTC Areas of Study being transferred and the anticipated work product to forwarded to the CAC’s. The summary notes:

- The scope of the work
- CTC activity to date/identification of primary 2015 I-Code sections
- Remaining work as identified by CTC at its March/2014 meeting and follow-up CTC Study Group calls
- Applicable CAC to whom the work product is being assigned to, based on the CAC scopes outlined in ICC Council Policy 31.
Click here for a link to the CTC website to access resource documents and other information posted for each of the Areas of Study to date. The links to the individual Areas of Study are found under “Navigation” at the left.

Child Window Safety
CTC Study Group staff liaison: Mike Pfeiffer
This effort has focused on window sill height and window safeguards to minimize child fall accidents from windows. The CTC has been successful in this activity as follows:

- 2015 IBC: 1015.8 all
- 2015 IRC: R310.1.1 & R312.2 all
- 2015 IEBC: 406.2 & 406.3

Remaining issues: BCAC (BCAC Means of Egress Work Group – Staff liaisons: Ed Wirtschoreck/Dave Bowman)

- IBC 1030.4: Add provision for window opening control devices complying with ASTM F2090 (similar to IRC R310.1.1)
- IRC R310.1.1: Delete “special knowledge” for consistency with IBC 1030.4

Climbable Guards
CTC Study Group staff liaison: Mike Pfeiffer
This effort focused on resolving the numerous code changes that had been submitted in previous cycles regarding the issue of guard climbability by small children. The CTC has been successful in this activity in coordinating IBC (1015) and IRC (R312) requirements for: where guards are required; guard height; and guard opening requirements.

Remaining issues: BCAC (BCAC Means of Egress Work Group – Staff liaisons: Ed Wirtschoreck/Dave Bowman)
The CTC was not successful in maintaining 2015 IBC/IRC code provisions for guards along fixed seating on decks where the fixed seating could be used a walking surface by children. CTC decided not to pursue these provisions in the upcoming cycles. Following numerous iterations in the codes, the term “fixed seating” still remains in the IBC but is not defined.

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

IBC Coordination with the New ADAAG
CTC Study Group staff liaison: Kim Paarlberg
This activity was initiated in July/2011 with the DOJ adoption of the 2010 ADA Standard for Accessible Design. The CTC has been successful in this activity with 49 of 53 code changes approved and incorporated in Chapters 10 and 11 of the IBC and 8 of 10 code changes incorporated in the IEBC and IFC. They cover a wide range of issues, such as; accessible means of egress; accessible routes between floors for different types of occupancies; clarification and coordination of the general exceptions; accessible elements such as door hardware, parking, toilet rooms, check-out aisles, platform lifts; unique requirements for dormitories and live work units; recreational facilities (areas for sports activity, amusement rides,
pools, boating and fishing piers, exercise machines, miniature golf, shooting facilities); and signage.

Remaining issues: BCAC (BCAC Means of Egress Work Group – Staff liaisons: Ed Wirtschoreck/Dave Bowman)

- Follow up on disapproved code changes from last cycle [E215-12 (play areas), EB42-13 (stairways), F173-13 (visible alarms)]
- New code changes to address
  - Accessible means of egress
  - Private garage allowances
  - Walk-in coolers and freezer exception
  - Size of doors
  - Minimum aisle width for assembly seating in IBC and IFC
  - Consistent terminology for circulation paths
  - Family/assisted use bathroom coordination in IPC (provide recommendation to the PMGCAC)
  - Scope of IEBC Section 301.1
  - Locks and latches in the ISPSC (provide recommendation to the PMGCAC)
  - Clarification of signage requirements
  - Coordination of the accessibility provisions within the IEBC

Remaining issues: PMGCAC (Staff liaisons: Fred Grable/Gregg Gress)

- Family/assisted use bathroom coordination in IPC
- Locks and latches in the ISPSC
- Use of the term “accessibility” in the IPC

Labelling of Fire Rated Glazing:
CTC Study Group staff liaison: Ed Wirtschoreck
Over many cycles, the code change process saw numerous code changes to address appropriate marking standards for fire rated glazing. This issue was debated by the industry and within the standards writing organizations without resolution. The CTC has been successful in this activity as follows:

- 2015 IBC: 703.6, 716.2, 716.3 all, Table 716.5

Remaining issues: FCAC (Staff liaison: Bruce Johnson)

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

NIST Charleston Sofa Store Fire Recommendations
CTC Study Group staff liaison: Mike Pfeiffer
CTC reviewed the NIST report and its 11 recommendations for enhancing building, occupant and firefighter safety in occupancies with upholstered furniture or mattresses. The CTC has been successful as follows:

- 2015 IEBC: Sprinklers in Section 904.1.3 for Alteration Level 3
• 2015 IFC: Record keeping of Section 107.3 as well as throughout the IFC were the code requires some type of records be kept.

Remaining issues: FCAC (Staff liaison: Bruce Johnson)
The CTC was not successful in revising the IFC periodic inspection provisions (ADM38-13) or proposing new inspector qualifications provisions in an Appendix (F345-13). At the CTC meeting in March/2014, the CTC decided that these two issues would be best addressed by the FCAC. Both of these issues were previously forwarded to the FCAC.

The other remaining item is the development of an IFC code change for retroactive sprinkler protection for occupancies which have upholstered furniture or mattresses. The threshold being considered is 2,500 square feet which mirrors IEBC Section 904.1.3 for Group S-1 with upholstered furniture or mattresses.

Relocatable Modular Buildings
CTC Study Group staff liaison: Mike Pfeiffer
These units present a challenge to code enforcement due to the units being built to a specific code and then relocated to a new site for which the Prescriptive Compliance provisions of IEBC Section 409 require compliance with the new building provisions of the IBC. However, Chapter 13 of the IEBC only requires that the units be evaluated for the specific code provisions in Chapter 13 prior to moving the unit to the new location. The CTC was not successful in resolving this issue. Code changes G198-12 and G203 were Disapproved. It should be noted that these code changes were submitted to Chapter 34 of the 2012 IBC which has since been deleted in favor of the identical provisions which have been duplicated in Chapter 4 of the IEBC.

Remaining issues: BCAC (BCAC Existing Buildings Work Group – Staff liaisons: Ed Wirtschoreck/Dave Bowman)
Follow up code changes to address the issues of concern noted in the Disapproval of G198 and G203 or an entirely new approach to be determined.

Unenclosed Exit Stairs
CTC Study Group staff liaison: Kim Paarlberg
During previous code cycles, numerous code changes were submitted to clarify the intent and application of code requirements relative to: exit versus exit access; travel distance measurements; contribution to the minimum number of exits; etc. The CTC performed a comprehensive review of the provisions of IBC Chapter 10 and the inter-relationship of code requirements. The CTC was successful in the approval of two comprehensive code changes as follows:

- E5-09/10 which focused mainly on Chapter 10 but also included revisions to sections in Chapters 4, 7, 11, 18, 26, 27 and 30.
- E7-12 which was a follow up to E5-09/10

Remaining issues: BCAC (BCAC Means of Egress Work Group – Staff liaisons: Ed Wirtschoreck/Dave Bowman)
- Review changes to assembly seating where stepped aisles connect to open exit access stairways
- Accessible means of egress – depressed or raised areas; mezzanines
- The need for consistent terminology