

Multi-Hazard Resiliency for Residential Construction Standards

October 7, 2019 MEETING # 1 Minutes (committee approved 12/2/19)

The first meeting of the ICC Multi-Hazard Resiliency for Residential Construction Standards Committee (IS-MHRRC) was convened on October 7, 2019 to develop the ICC 600 series of standards.

Date: Monday, October 7, 2019

Venue: Four Points Sheraton Chicago O'Hare, 10249 W. Irving Park Road, Schiller Park, IL

1. Welcome and Introductions

- a. **Call to order:** Larry Novak, ICC / Chief Structural Engineer / Codes & Standards Development, called the meeting to order at 8:00 AM Central on October 7, 2019 and welcomed all committee members, ICC staff and interested parties
- b. **self-introductions:** See attached sign-up sheet. Mr. Novak called roll on the IS-MHRRC committee voting members and noted that we had a quorum to conduct business.

2. Approve Agenda: The meeting agenda was approved by the committee.

3. Introduction to the Committee Goals: The group discussed the committee goals of updating the ICC 600-2014 to the ICC 600-2020 to be included in the 2021 I-Codes. Additionally the committee would develop new standards to cover resiliency for residential construction for hazards including a) Wildfires, b) seismic and c) flooding and/or tsunami.

- a. The Multi-Hazard Resiliency for Residential Construction (IS-MHRRC) committee was appointed by the ICC Board of Directors in July 2019 and has primary responsibility for the development as American National Standards. All standards development is subject to ICC's Consensus Procedures.
- b. As an ANSI accredited standards developing organization, ICC is collaborating with the Insurance Institute for Business & Home Safety (IBHS) in the development of a portfolio of individual hazard mitigation standards. Resiliency is an important factor relative to a building's response to extreme events; hence, the fundamental goal of this committee is the development of a portfolio of Consensus Standards relevant to a wide range of hazards affecting modern residential construction three stories and less. Hazards to be considered include, but not limited to, high winds (hurricanes/typhoons, tornados, and thunderstorms), seismic, tsunami, and wildfires. The first task of this committee will be to update ICC 600, entitled, "Standard for Residential Construction in High-Wind Regions." In this task the committee will have primary responsibility for updating the prescriptive methodologies of resistant design and construction details for building and other structures of wood framed, steel framed, concrete, or masonry construction directed toward ensuring structural integrity. This includes prescriptive details for walls, floors, roofs, foundations, windows, doors, and other applicable components of construction in order to be consistent with industry practices. The 2014 version will

serve as the base document for this effort. The schedule for completion of the update of ICC 600 is December 1, 2020.

4. Elect Committee Chair and Vice-Chair (Item to be postponed till later in the agenda).

5. Committee Stats

- a. 20 Voting Members, 3 Alternate Members, 12 Interested Parties (35 Total)
- b. Name: **ICC Multi-Hazard Resiliency for Residential Construction Committee**
- c. Abbreviation: **IS-MHRRC**
- d. Website: <https://www.iccsafe.org/products-and-services/standards/is-mhrrc/>
- e. ICC Contact: **Larry Novak**, 888.422.7233 x 4405, LNovak@iccsafe.org

6. Brief Discussion of Committee Documents

- a. ICC 600: Standard for Residential Construction in High-wind Regions
 - i. Current Version ICC 600-2014
- b. New Standards
 - i. ICC 605: Standard for Residential Construction in Regions of Wildfire Hazard
 - ii. ICC 610: Standard for Residential Construction in Regions of Seismic Hazard
 - iii. ICC 615: Flooding and/or Tsunami
- c. KEY is “Enhanced Resiliency”

7. Committee Operating Rules: The ICC code of ethics and committee procedures were presented by the Director of Standards and Staff Secretariat, Karl Aittaniemi.

8. Presentation on ASCE 7-16 and upcoming potential changes to ASCE 7 – Don Scott

9. Reviewed Current ICC 600-2014 (High-winds)

10. Divided into Task Groups (by chapters in ICC 600) and select group leaders:

- a. Task Group A&D (Administration and Design) – leader Ehrlich
 - i. Chapters 1, 2, 3, 10, Appendix A, B, C, and D
- b. Task Group CM&C (Concrete, Masonry and Combined) – leader Peng
 - i. Chapters 4 and 6
- c. Task Group W&S (Wood or Cold-Formed Steel Light Framed) – leader Cobeen
 - i. Chapter 5 and 6
- d. Task Group RF&E (Roof Assemblies, Fenestrations, and Exterior Wall Coverings) – leader Cope

11. Task Groups

- a. Selected Task Group Leads (see above)
- b. Discuss recommended updates for ICC 600
 - i. New / Updated Concepts
 - ii. Tables
 - iii. Figures
- c. Discuss tasks to achieve goals
- d. Timeline – presented Work Plan for updating ICC 600
- e. Meetings

12. Presentations by Task Groups

- a. *Task Group A&D - Ehrlich*
- b. *Task Group CM&C - Peng*
- c. *Task Group W&S - Cobeen*
- d. *Task Group RF&E - Cope*

13. Elect Committee Chair and Vice-Chair: By unanimous vote Med Kopczynski was voted Chair and George Wiggins was voted Vice-Chair.

14. Next Meetings

- a. *Webex Meetings for Task Groups*
- b. *Face to Face – December 2, 3 and 4 (4th is half-day), at IBHS Research Center, 5335 Richburg Rd, Richburg, SC 29729, (803)789-8000.*

15. Meeting adjourned

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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Attendance Roster

Name	Oct 7, 2019	
Committee Members		
Bruce Arita		
Jon-Paul Cardin	X	
Kelly Cobeen	X	
Anne Cope	X	
Brian Craig	X	
Bradford Douglas	X	
Gary Ehrlich	X	
Eric Haefli	X	
Medard Kopczynski	X	
Michael Olen	X	
Tien Peng	X	
Robert Raymer		
Michael Rimoldi		
Michael Savage	Remote	
Donald Scott	X	
Kenneth Somerset	X	
Jason Thompson		
Stella Wherley	X	
George Wiggins	X	
Borjen Yeh	X	
Alternates		
Andrew Kosydar	X	
Eric Stafford		
Larry Stevig	X	
Interested Parties		
Joseph Belcher	X	
Greg Beste		
Thang Dao		
Matthew Dobson	X	
Carol Friedland		
Dennis Graber		
Stan Hathorn		
Monica Irgens		
Joseph Hetzel	Remote	
Chris Ramseyer		
Amy Schmidt	Remote	
Randall Shackelford		
Theresa Weston		
Bob Thomas / NCMA	X	
ICC Staff		
Lawrence Novak	X	
Karl Aittaniemi	X	