



ICC 500 Storm Shelter Committee (IS-STM) Standard for the Design and Construction of Storm Shelters

Minutes – Meeting 4
Thursday, 3/9/2023
11-1 Eastern

Chair: Marc Levitan

Vice-chair: Scott Tezak

Secretariat: Kimberly Paarlberg; kpaarlberg@iccsafe; 888-422-7233, Ext. 4306

A. Welcome and Introduction

1) Call to Order: 11:00 am Eastern

2) Attendance:

Staff:

Kimberly Paarlberg
Karl Aittaniemi
~~Quinton Owen~~

Committee members:

- Brian Bishop
- Gary Ehrlich
- Ben Harris
- Rick Hautekeete
- ~~John Hutton~~
- Marc Levitan (Chair)
- ~~Andie Lorenz~~
- Pataya Scott
- Corey Schultz
- David Stammen
- Stephen Szoke
- Paul Taft
- Scott Tezak (Vice-Chair)
- Anthony Warren
- ~~Berjen Yeh~~

Interested Parties:

- Matt Bono, Case Engineering, Inc.
- Jeanne Lundy Clarke, Miami-Dade County Regulatory and Economic Resources Board and Code Administration Division

- Larry Curtis
- C Michael Donoghue, Maritech Engr
- Bill Elliott, Town of Addison, Texas
- Trevor Errington, Clopay
- Bob Franke
- Allen Grammer, PE, NSSA AP - Baird Hampton & Brown
- Andy Holstein, Intertek
- Marilyn Latham, Allegion
- Jessica Miller, DLR Group
- Dave Mix – Insulgard Security Products
- Dave Monsour, DASMA
- Michael Nicasio, UL Solutions
- Glenn Overcash, FEMA contractor
- Roeper – ASSA ABLOY
- Milad Shabanian, IBHS
- Steve Skalko, Skalko & Associates, Representing Precast/Prestressed Concrete Institute
- Mike Steele, Greenheck Fan Corp
- John Woestman, BHMA

3) Approval of Agenda/Minutes – 3-6-2023/2-23-2023 approved

B. 2023 ICC 500 Development

- 1) Work Groups – several work groups have meeting planned
- 2) ICC 500 development information is on the [ICC 500 webpage](#)
- 3) Public meetings
Ongoing teleconference - Thursday's every two weeks – Feb 23, March 9, 23, April 6, 20, May 4, 18, June 1, 15 and 29, 2023 from 11-1 Eastern

C. . Committee Action on Public Input Agenda – Items on the Agenda –

The following proposals were decided during the call. See the report for official committee reasons and final actions. Any items remaining on the agenda will roll to the next agenda -

CHAPTER 1

IS-BLE 01-04-23 – return to Work Group 1

- Notes 2-23-2023 – Was Item 21 intended for storm shelters sent to a site and anchored, or doors/louvers on a shelter being anchored? See commentary. Send back to work group 1 and additional input from Pataya.
- Notes 3-6-2023 – Return to work group 1 for additional discussion.

IS-BLE 01-06-23 – hold till 3/23

- Notes 2-23-2023: Ask Work group 1 to look at what is considered construction/submittal documents that need to be signed and sealed vs. provided to the code official.
- Notes 3-6-2023: On hold till 3-27-2023 for additional input from Work Group 1.

IS-BLE 01-07-23 – AS 11-0-0

IS-BLE 01-08-23 – AS 11-0-0

IS-BLE 01-09-23 – hold till 3/23

- Notes 3-6-2023: On hold till 3-27-2023 for additional input from Work Group 1.

IS-BLE 01-10-23 - AS 11-0-0

IS-BLE 01-11-23 - AM 11-0-1

CHAPTER 2

IS-BLE 02-01-23 – AS 12-0-0

IS-BLE 02-02-23

- Notes: Chapter 7 work group will review to discuss if this list is complete or provide a general reference. Consider splitting between hurricane and tornado if this is detailed.
- **CRITICAL SUPPORT SYSTEMS, STORM SHELTER.** Systems and components required by Chapter 7 to ensure the health, safety, and well-being of shelter occupants. ~~Critical support systems include, potable water and waste water systems, emergency and standby power and lighting systems, and ventilation systems.~~

IS-BLE 02-03-23 - D 12-0-0

IS-BLE 02-04-23 – D 11-0-0

IS-BLE 02-05-23

- Notes 3-9-2023: This is being sent to Work Group 7. Is this a function of useable space, occupied spaces, within the envelope. Questions about areas such as bathrooms or storage being part of the occupied storm shelter or not? Also consider baffled entry systems (within the shelter, but not where people are located). Also look at 'protected occupant area', 'occupant support area'. Dan Dain will provide a draft.

IS-BLE 02-06-23 – Tabled till 3-23-23

D. Other Business –

E. Next Conference Call: ICC 500 Development Committees for 2023

Feb 23, March 9, 23, April 6, 20, May 4, 18, June 1, 15 and 29, 2023 from 11-1 Eastern

F. Adjourn: 1:00 p.m.