



1791 Tullie Circle, N.E./Atlanta, GA 30329 404-636-8400

DRAFT

TC/TG/MTG/TRG MINUTES COVER SHEET

(Minutes of all Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/MTG/TRG No. TC 2.10 DATE 01/07/2020

TC/TG/MTG/TRG TITLE Resilience and Security

DATE OF MEETING 1/07/2020 LOCATION Virtual

| Members Present | Appt | Ex-Officio Members and Additional Attendance |
|--|-----------|--|
| Carol Lomonaco, Chair (V) | 6/30/2022 | |
| Steven Sill, Secretary (NMV) | | |
| Anthony York, Research Subcommittee Chair MNQ (V) | 6/30/2022 | |
| Jason DeGraw Program Subcommittee Chair (NMV) | X | |
| David Evers, Handbook Subcommittee Chair (NMV) | X | |
| Scott Campbell Vice Chair, and Resilience Subcommittee Chair (V) | 6/30/2022 | |
| Gerald Kettler CM (NMV) | X | |
| Costas Balaras CM (NMV) | X | |
| Dimitry Kogan CM (NMV) | X | |
| Douglass Abramson Member (V) | 6/30/2022 | |
| Haven Cassidy CM (NVM) | X | |
| Howard McKew CM (NVM) | X | |
| Jared Langevin Member (V) | 6/30/2023 | |
| Mark Adams CM (NVM) | X | |

| | | |
|------------------------------|-----------|--|
| Prateek (Panda) Shrestha PCM | 7/27/2022 | |
| Katherine Hammack | | |
| Ponkamon Aumpansub MNQ | 6/30/2022 | |

(V) = voting member

(NVM) = Non-Voting member

Note: The complete attendance list from TC 2.10 is enclosed.

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| DISTRIBUTION: All Members of TC/TG/MTG/TRG plus the following: | |
|--|--|
| Jon Cohen | SH2@ashrae.net |
| Theresa Weston (Standard Liaison) | holtweston88@gmail.com |
| Willian Hutzel (Research Liaison) | hutzelw@purdue.edu |
| Bryan Becker (Handbook Liaison) | beckerb@umkc.edu |
| Mike Vaughn, Manager Of Research & Technical Services | MORTS@ashrae.net |

Note: These draft minutes have not been approved and not the official, approved record until approved by the TC.

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ASHRAE TC 2.10, Resilience and Security 2021 Virtual Meeting Minutes

Location: Virtual Date: Thursday January
7th, 2021 Time: 12:00 - 1:00 p.m.

1. Welcome

12:00pm Chair Carol Lomonaco called for meeting to start.

2. Roll Call and Introductions

Roll call: 5 voting members: Carol Lomonaco, Anthony York, Douglass Abramson, Jared Langevin, Scott Campbell

3. Scope

TC 2.10 Resilience and Security is concerned with fundamental scientific and engineering design principles for resilience of the built environments subjected to extraordinary events including mitigating consequential damages, remediation, and recovery.

ASHRAE Code of Ethics Commitment – Chair

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics:

[https://www.ashrae.org/aboutashrae/ashrae-code-of-ethics.](https://www.ashrae.org/aboutashrae/ashrae-code-of-ethics))

4. Discussion/Approval of Austin Minutes

Scott Campbell motioned to move the approval; Steve Sill seconded 5-0-0 (CNV)

5. Announcements

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- a) ASHRAE will be updating the roster sheet and will need volunteers to become voting members of the TC as to some will be rolling off this year.
- b) CEC is looking suggestions or ideas for future tracks at conferences.
- c) Society is looking to merge TC's together that share the same common goal.

6. Liaison Reports: TC 9.1, TC 9.2, TC 9.8, MTG OBB, SSPC 300

- TC 9.1 Howard McKew: TC 9.1 has 5 chapters in the 2020 Handbook that were recently completed and that they reference security design.
- TC 9.2 Douglass Abramson: Was liaison to TC 9.2 and willing to assume the role again.
- TC 9.8 Anthony York: TC 9.8 is responsible for seven (7) ASHRAE handbook chapters and is willing to help find synergy between TC 9.8 and TC 2.10.

- Multidisciplinary Occupant Behavior in Buildings (MTG OOB) Jared Langevin:
 - a) Would like to assist with this progress
 - b) Jared is the Secretary for MTG-OOB
- Commissioning ASHRAE Standing Standard Project Committee 300 (SSPC 300) Gerald Kettler:
 - a) Gerald is a member of SSPC 300 and they work on commissioning and willing to assist with this.

7. Standards (Carol Lomonaco)

- No new active standards at this time
- Several years ago Guideline 29-2017 was updated

8. Research (Anthony York)

- Looking to identify security or resilience projects for research
- Note: Anthony did not have a Research Breakfast Report for TC 2.10 because it did not take place yet in Jan 2021.

9. Handbook (David Evers)

- Revising and reviewing current chapter as it is narrow focused.
- Evaluations are due in May 2021, revisions due by November 2021, then full Committee in January 2022.
- Jason DeGraw is authoring a new Handbook Chapter on resiliency, has an outline done looking for volunteers to assist.
- Note: David did not have an ASHRAE Handbook Report for TC 2.10 because it did not take place yet in Jan 2021

10. Programs (Jason DeGraw)

- Sent Google form to TC Membership for program ideas, have been successful with this method.
- Deadline for program submissions for the Summer Meeting is February 8, 2021.
- Note: after our main TC 2.10 meeting ASHRAE headquarters did push the program submissions deadline back until Feb 24, 2021.

11. Web Page (Carol Lomonaco)

- The TC is using Basecamp now.
- The webpage for TC 2.10 is current.

12. Resiliency (Scott Campbell)

This subcommittee was created to take the lead to provide a road map of ideas in developing Standards, Guidelines and working with other Associations in concurrence with the ASHRAE Strategic Plan.

Looking for members of the TC with immense vision to provide education, the advancement of standards about this subject.

13. Old Business: None

14. New Business

- TC 2.10 Honors and Awards subcommittee looking for a member to serve as chair.
- TC 2.10 has a Basecamp site and will start using it to post material for the membership.
- Looking for volunteers to become voting members of the TC due to a majority of voting members will be done next year.

15. Adjournment

Anthony York made a motion to end the meeting, Jason DeGraw seconded