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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. 2.10 DATE 7/30/2020

TC/TG/MTG/TRG TITLE Resilience & Security

DATE OF MEETING 7/8/2020 LOCATION Virtual

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Jason DeGraw		Josephine Lau		Carol Lomonaco
Anthony York		Barney Burroughs		Dane Christensen
Douglass Abramson		Angela Waters		Theresa Weston
Jared Langevin				Abdelaziz Laouadi
Ponkamon Aumpansub				Chris Hsieh
Scott Campbell				David Evers
				Haven Cassidy
				Jim Bradburn
				Mark Adams
				Shichao Liu
				Elizabeth Tomlinson

DISTRIBUTION: All Members of TC/TG/MTG/TRG plus the following:

TAC Section Head: Jon Cohen	SH2@ashrae.net
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters (Research, Standards, ALI, etc.)	See ASHRAE email alias list for needed addresses.
Manager Of Research & Technical Services	MORTS@ashrae.net

MEETING CALLED TO ORDER AT 12:00PM

Scott Campbell moved to approve the agenda; Douglass Abramson seconded. Approved (5/0/0 CNV)

ANNOUNCEMENTS (CHAIR)

Jason DeGraw noted that this is his last meeting as a chair of TC2.10. It has been many years since volunteering as vice chair of TG2 and then chair of TG2.

As a technical committee, Jason hopes that TC2.10 will continue to contribute to society and create impact. Carol Lomonaco is the following chair after Jason. We need to think more of being resilience in the pandemic as well as disaster events.

TC 2.10 has been successful in programs in last few meetings. At some point, we will need to have a research chair. There will be research money available for TC2.10 moving forward.

Jason is on the ASHRAE Epidemic Task Force and leading the transportation team because of involvement in 2.10, but TC2.10 is still not in the ASHRAE system. Basecamp still has issues. Carol is to take over to organize the basecamp.

LIASION REPORTS

Carol – TC7.5 – Smart building technology and cyber security comes up. Modeling.

Doug – TC9.2 industrial AC and ventilation – conducted meeting on June 7th. Still waiting for the minutes. Researching and completed 2019 handbook chapter successfully by TC9.2. Ask for comments from the group.

Jason – Cybersecurity MTG has started up, already with some scheduling issues

Elizabeth Tomlinson - TC2.5 – Develop new climate change chapter. Last portion includes adaptation and resilience. Published next June.

STANDARD REPORTS

Scott – Guideline 29 on risk management submitted 2 years ago. Recommend withdraw next time it comes up. Will look into PTAR to transition the material to a book or similar. Next meeting Scott will have answer on this.

Scott – Standard on the resilient design of building envelope is under development, somewhat stalled due to the pandemic.

HANDBOOK REPORTS

Jason - New handbook chair is Dave Evers. One handbook chapter is in HVAC application ~ not sure on chapter number. But it will be ready soon. Howard will contribute to the chapter. Once Basecamp is sorted out, handbook will move forward more quickly.

RESEARCH

Jason – Got inquiries on research. Need volunteer to handle it

PROGRAMS

Jason – We have 6 or 7 potential ideas. Jason is to send the list to the members.

OLD BUSINESS

None

NEW BUSINESS

- Carol – The committee should be thinking about nominations for awards, fellow, or distinguish service. Need volunteer member for ad-hoc committee
- Carol – Thanks Jason for taking us to the full TC and thank you for your service!
- Jason – In light of what has happened (pandemic), do we need to make any changes with the scope? ASHRAE does ask that we revisit the scope on a regular basis. The current statement is:

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

Does this still capture what we're doing? Members of the committee should consider this between now and the next meeting.

- Carol – Suggested a discussion of the Zoom meeting format.
 - Haven Cassidy – Will Zoom meetings be one of the main options to meet moving forward?
 - Jason – ASHRAE has used and advocated for electronic meetings. ASHRAE has been pushing to reduce meeting space costs. Jason suggested to Carol that we discuss using Zoom for future meetings.
 - Carol – Give feedback to Section 2 head.
 - Scott – Suggested subcommittee meetings a week in advance and main meeting in person.
 - Jason – Did talk to Section 2 to do a combination of subcommittee meeting in advance. There is a group has done this before; however, it has many issues such as ASHRAE person does not show up.
 - Theresa Weston– Spoke of experience in the past. You needed to use their laptop, etc.
 - Scott – In one meeting, the room was locked.
 - Jason – Some of us are not allowed to travel, and the Chicago meeting is in question at this point. There might be a lot of people can't travel. Carol should discuss with ASHRAE since she'll be the chair moving forward. This Zoom meeting has been moving really well.
 - Mark Adams– the one difference is everyone in the same environment. For someone calling in, it is hard to hear what's going on in the person meeting.
 - Jason – Suggested that we avoid hybrid and do 100% virtual meetings if we are doing any part virtually.
 - Mark – Do it all virtually and might lose some personal connections.
 - Carol – Asked for the feedback from anyone who's strongly against virtual meeting. If you are involved with a lot of committees, virtual might be harder and stretched out compared to in-person meeting
 - Jason – As long as the meeting is scheduled far enough in advance, problems should be minimized.
 - Theresa – With the meeting stretched out, she could attend more ASHRAE meetings. It is a little annoying to have to request the link of each meeting from ASHRAE. She thinks it is really positive to be able to attend more.
 - Anthony York – Commented that he has more work and commitment virtually. The only way to contribute to ASHRAE effectively is to set aside meeting. He also noted that he recycled the presentation on preparedness to do online presentation to NY

ASHRAE chapter. The presentation was completed back in 2018. It was an hour-long presentation.

- Scott – Suggested that flexible scheduling (e.g. in-person once a year, virtual once a year) could make for more participation and allow for more networking (e.g. a happy hour).

ADJOURN

Anthony moved to adjourn; Ponkamon Aumpansub seconded. Approved (5/0/0 CNV)

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