

Draft Minutes

1. Call to Order (Eric Sturm)

- a. Meeting was called to order at 1:30 PM by Chairman
- b. ASHRAE Code of Ethics Commitment was stated and acknowledged
- c. Establish quorum. It was noted that there were not enough voting members for a quorum (3 needed) and that approval of minutes of the January 18 winter meeting in Chicago would not be possible at the meeting.
- d. Agenda was accepted.
- e. Approvals (if quorum is met):
 - i. Meeting Minutes – January 2017 Winter Meeting, Las Vegas, Nevada – [Motion to approve had passed by letter ballot 4-0-0 and is so recorded.](#)
 - ii. Meeting Minutes – June 2017 Annual Meeting, Long Beach, California – [Motion to approve had passed by letter ballot and is so recorded.](#)
 - iii. Meeting Minutes – January 2018 Winter Meeting, Chicago, Illinois – [not approved due to quorum not being met.](#)

2. Chairman's Announcements (Eric Sturm)

- a. Report of TC/TG Chair's Meeting
 - i. All position changes will be effective July 1, including chair, vice chair and voting members.
 - ii. New MTG.EBO (Efficient Building Operations) was formed and it was asked whether TC2.5 is interested in joining. There was no interest as this TC is already involved in 4.77 and 3.78.
 - iii. It was requested that members who have stories to contribute send them to the ASHRAE Historical Committee for 125th anniversary publication.
 - iv. It was clarified that Technical Committees can produce technical bulletins and post them to the website, but peer review is required.
 - v. Thank-you letters are available to send to employers – members need to request if they want one sent.
- b. Review of previous action items
 - i. Matt Clark reported that the Flooding Subcommittee met for the first time earlier that day. They will address designing for resiliency, but need to develop a scope first. TC7.6 (Federal Buildings) is also addressing resiliency.
 - ii. There is no specific MTG on resiliency, but there is TG2 which deals with HVAC security and will take on resiliency as well – will likely become TC 2.10.

3. Update on Society's Climate Change Position Document (Don Brundage)

The Society has a position on climate change, and its update had been going on for 2 years. It was submitted for review, but changes proposed were substantial so will have to go to a new committee as PDs have expiration dates. Energy efficiency is an important issue and needs to be more prominent.

4. Liaison Reports

- a. Research – Dr. Pawel Wargocki – [not present, no report.](#)
- b. Standards – Cyrus Nasseri – [not present, no report.](#)
- c. Staff – Michael Vaughn – [not present, no report.](#)
- d. TC 7.1 – Eric Haley – not really needed anymore and may not be relevant with other activities going on. Integrated design now also includes project delivery.
- e. TC 2.7 – Matt Clark – see above under 2(b) I and ii.
- f. TC 2.8 – Renee Clair – USGBC is coming out with a resiliency certification, main criteria is how long occupants can survive in a building in case of flood, failed temperature control or other disasters. 2.8 voted to participate, and ASHRAE committed to the timeline of only 12 months. There is no uniform definition of survivability.

ASHRAE Technical Committee 2.5 – Global Climate Change Agenda

Houston, Texas

Hilton, Third Floor, Room 340A

Tuesday, June 26, 2018 – 1:30 – 3:30

- g. SSPC 90.1 – Don Brundage – Many sources to measure building performance, energy efficiency can also be improved with new lighting or controls, motion detectors etc. Guideline GPC36 should be published soon.
- h. Previously suggested: TC 5.10, TC 2.7, TC 9.9, SSPC 189.1, SSPC 100
 - i. Scott Sherwood is attending 5.10
 - ii. Scott will also attend 2.10
 - iii. No 2.5 members attending 9.9 or SPC189.1
 - iv. MTG liaison for resiliency – will continue discussing

5. TC Scope Review

Does it need to be updated? Refrigerants should always be included. Are we concern with prevention or reaction/adaptation? Our goal is to increase awareness.

Action – Enrica will set up a conf call to discuss before Atlanta.

6. Subcommittee Reports

- a. Programs (Scott Sherwood) – Seminar 12 (Flooding, Hurricane Harvey) was attended by 40-45 people. One question asked was if there is a legal risk in engineers and architects relying on handbooks with data that may be obsolete.
- b. Handbook (Beth Tomlinson)
 - i. Climate Change Chapter for 2021 Handbook – has the info, needs to create schedule and deliverables. Need to check how other committees address climate change. Need drafting, review, research – more members are encouraged to get involved.
- c. Website (Michael Munroe) – Michael was not present, Eric said the website is OK, but could be improved – follow up with Michael next time.
- d. Research (Scott Sherwood). There are a number of climate models, literature search is needed, but expensive (\$125K). RTAR, RPHRA have information publicly available, but needs to be reviewed.
- e. Standards (William Walter/Matt Clark) Std 15 and 34 – 3 new refrigerants approved.
- f. MTG.LowGWP (Larry Burns, John Karakash) – Updates given on 3 research projects related to flammable refrigerants – 1806, 1807 and 1808, as well as a new AHRI proposal to look at HF and COF2 formation.

7. Update Reports on Related Treaties, Accords, and Activities (Round Table Discussion)

Roundtable of updates on EU F-gas regulations, Montreal Protocol, other domestic and regional regulations that affect HVAC.

8. Other Business - none

9. Meeting adjourned at 3:30 PM.

Attachments – list of attendees.