

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.**

TC9.3 Minutes

January 29, 2021
Online Everywhere

Minutes

Attendees:

Handbook:

**Stephen Trent
G.D. Mathur
Don Leblanc
Rene Beaulieu
Richard Fox
Jim Bushnell
Stephanie Licht**

Main Committee:

**Don Leblanc (VM)
G.D. Mathur (VM)
Rene Beaulieu (VM)
Richard Fox (CM)
Jim Bushnell (CM)
Stephanie Licht (PCM)
Aaron McFarlane (VM)
Stephen Trent (CM)
Daniel Tandoi-guest
Lubos Forejt (VM)
Karen Reilly- guest
Avani Bhatt- guest
Andreas Bezold (CM)
Ben Thiesse (VM)
Thaddeus Rogowski (VM)
Soph Davenberry-guest
Ken Warren (VM)-**

1:30 Call to Order & Establishment of Quorum; Online

- a. Introductions**
- b. Roster Update**
 - a. ID voting member roll-off after 2021 Summer Meeting**

Roster being updated by ASHRAE to be more current, several rolling off after 2021. They are:

Rene Beaulieu
Aaron McFarlane
David Bechtold
Thaddeus Rogowski
Ben Thiesse
Ken Warren
Eugene Dianetti
Scott Gwilliam
Catherine Thibault

- b. ID voting member additions- (Please let me know if missing or have additional names here)

Jim Bushnell
Richard Fox
Stephen Trent
Byron Jones
Andreas Bezold

- c. Review committee positions (new/continuing)

Thaddeus Rogowski has requested not to continue as chair or vice chair. Don LeBlanc will continue as chair. Stephen is willing to move to vice chair role or remain as secretary. As a result, the committee is looking for a volunteer to fill as either vice chair or secretary.

Guests looking to join the committee please apply here:
https://eweb.ashrae.org/eweb/TS_ProvisionalSignup.html

1:30 Old Business

Approval of Minutes from Summer Virtual Meeting

(Y/N/A/No Resp) Motion: 8/0/0/4.

Don to please validate distribution list and send to Andreas.

1:50 New Business

- a. Research- Andreas Bezold – Please see attached minutes from Andreas.

1. Cognit Air update- Florian gave presentation- slides to be sent out
2. RP 1830 update- canceled due to illness
3. Mass Transit RTAR Rene Informed about restructuring due to scope as a result of Pandemic
4. Request from Refrigeration Accessories RTAR- to be given consideration, online ballot to come
5. EASA Call for Tender €1.3m on Toxicological Risks from Airborne Compounds w/in Aircraft

b. Subcommittee Reports and Handbook Chapter Approval Status
G.D. is taking over as Handbook Chair/Liaison from Richard Fox

1. Automobile & Chapter 11 -GD Mathur

This is now chapter 11. Review is being started.

Looking to increase attendance

Potential for a program in future meetings

New refrigerants being investigated in tandem with SAE committee

Handbook Chapter is Due 7/5/2022

2. Mass Transit & Chapter 12-Rene Beaulieu

a. Creation of a working group voted positive, next steps

Rene Presenting: Guideline has been released in 2016- efforts being taken to refine, small work-team formed (due to pandemic), 7 teams formed, from each team a leader who has been elected to guide work,

Two meetings between ASHRAE confidants.

Still studying on whether to add additional applications to mass transit standard, evaluating on needs and availability of contributors

Establishing a Check-In/Check-Out basis on document to avoid simultaneous work on document

Pulling together framework/sharepoint

GPC 23- recommended a Vlad Ciobanu as chair research committee. Thaddeus Rogowski chair program for GPC 23. Lubos volunteered to help as T.C. 9.3 program chair. Ballot to confirm each: Vlad: 8-0-0-4 Thaddeus: 8-0-0-4

3. Aviation & Chapter 13– Richard Fox/Stephen Trent

A group effort will be taken by Stephen Trent, Richard Fox, Lubos Forejt, Andreas Bezold, Ken Warren, Stephanie Licht, Judith Anderson intended to assist with additions to chapter 12 incorporating RP 957, RP 959, RP 1262. The document is not intended to be rewritten, merely added to.

Stephen to Schedule meetings in short order.

Handbook Chapter Due 7/12/2022

4. Ship & Chapter 14-Kevin Glover

Handbook Chapter Due 7/19/2022

c. Program Report- Lubos Forejt (15 min) Full minutes from Lubos Attached.

Subcommittee meeting July 9th- brief program planned for two seminars
Mass Transit Infection & Diseases- Chaired by G.D- Transmission Risk
from COVID-19 in Transportation- 4 presenters, Will take place Feb 9th 3:00-
4:20 EST.

Cabin Air Quality & Passenger Well Being- Chaired by Lubos- No approval
to go ahead yet.

Single Concept on follow-up conference:

Virtual Conference Feb 9-11

Seminar #9 & Seminar #23 are related to aircraft.

Seminar #23: Indoor Environment Modeling, one presentation on
unoccupied middle seats on aircraft 6:00-7:50 PM (EST)

Conference Paper Session #12: Thermal Comfort & Air Quality in Widebody
Aircraft Cabins (Feb 11)

Dates are live for Phoenix (June 26-June 30):

Two remaining deadlines: Extended Abstracts: Due February 15, Programs:
Submissions Due February 22

Las Vegas (January 29-February 2)

Conf Paper Extracts: Due March 22- first important deadline

Two Related Conferences:

IAQ 2020 (Moved to September 15, 2021 –in Greece)- all deadlines
passed,

Toronto- Ventilation 2021 (August 15-18)- all deadlines passed

Look to Present RP 1830 in Programs or Conference Paper in 2022

d. Standards Report

a. Aircraft-SSPC161- Stephen Trent

Stephen presented on nearly completed efforts to revise the
Organophosphate section of Guideline 28 and the timeline of the
document

b. Mass Transit-GPC 23- Rene Beaulieu

Rene covered- see above

c. Ship-Standard 26- Kevin Glover

Kevin not present

e. Next Meeting Date and Location

a. Summer June 26 to 30, 2021, likely from home again or Phoenix ☺

3:00 Adjournment-

_____ Motioned, _____ Seconded. Meeting Adjourned.