

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

**TC9.3 Minutes**

July 10, 2020  
Online Everywhere

**Agenda/Minutes**

**Attendees:**

Andreas Bezold  
Don LeBlanc  
Byron Jones  
G.D. Mathur  
Ken Warren  
Ben Thiesse  
Florian Mayer  
James Bushnell  
Lubos Forejt  
Richard Fox  
Stephanie Licht  
Thaddeus Rogowski  
Terry Crawford  
Stephen Trent

**10:00 Call to Order & Establishment of Quorum; Online    Quorum not established.**

**a. Introductions**

**b. Roster Update**

**a. ID voting member roll-off after 2020 Summer Meeting**

No voting members roll off after 2020 Summer Meeting. Roster being updated by ASHRAE to be more current, several rolling off after 2021. Please see updated ASHRAE roster for details.

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

Jim Bushnell

Richard Fox

Stephen Trent

Byron Jones

Thaddeus Rogowski

**c. Review committee positions (new/continuing)**

Thaddeus Rogowski has requested that after his term expires to not 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.

### 10:30 Old Business

Approval of Minutes from January Orlando Meeting

(Y/N/A/No Resp) Motion Passed: 6/0/1/6.

Co-sponsorship of RP 1827 with TC 4.1 Letter ballot results to date\_\_\_\_\_

(Y/N/A/No Resp) Motion Passed: 7/0/0/6.

The Research committee requested that the test plan be revised to include some test data instead of relying on exclusively modeling. This is to be balloted. Please see email for email ballot.

### 10:50 New Business

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

1. Clarification on 1262 RP, results received, awaiting closure
2. Cognit Air update
3. RP 1830 update
4. Mass Transit RTAR?

b. Subcommittee Reports and Handbook Chapter Approval Status

1. Automobile & Chapter 10 -GD Mathur  
This is now chapter 11. Review is being started.  
Looking to increase attendance  
Potential for a program in future meetings
2. Mass Transit & Chapter 11-Rene Beaulieu
  - a. Creation of a working group voted positive, next steps  
Terry filling in:  
GPC 23 met, with 23 participants  
Highlights- new mass transit RTAR- quantification of outside air as result of passenger door cycling.  
Expanding scope to include airport people movers  
Potentially also locomotives and buses?
3. Aviation & Chapter 12– Richard Fox/Stephen Trent

A group effort will be taken by Stephen Trent, Richard Fox, Lubos Forejt, Andreas Bezold, Ken Warren, Stephanie Licht, 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.

**4. Ship & Chapter 13-Kevin Glover**

**c. Program Report- Lubos Forejt (15 min)**

Subcommittee meeting yesterday- brief program planned for Chicago

Not sure if Chicago meeting will be virtual or face to face yet

Dates are live for Chicago and Phoenix

August 3<sup>rd</sup> = Deadline for programs (Chicago)

August 17<sup>th</sup> = Final papers due (Chicago)

August 12<sup>th</sup> = Conference Paper Abstracts Due for Phoenix

Two seminar topics- ventilation in aircraft present and future (Florian Meyer proposed) Review of recent topics CO<sub>2</sub>, human bioeffluents, and ventilation performance

Implication of Cognitair findings for future airplane designs

Seminar Idea #2: Transmission of Infectious Diseases and

Countermeasures- review of evidence of spread of infectious diseases

(past pandemics)- protection measures, emerging protection measures for aviation, mass transit etc.

**d. Standards Report**

**a. Aircraft-SSPC161- Stephen Trent**

Revising Guideline 28- main areas of focus are organophosphate section and health guideline table changes.

Intended to have document complete by End of Year.

**b. Mass Transit-GPC 23- Rene Beaulieu**

Terry filling in:

GPC 23 met, with 23 participants

Highlights- new mass transit RTAR- quantification of outside air as result of passenger door cycling.

Expanding scope to include airport people movers

Potentially also locomotives and buses?

**c. Ship-Standard 26- Kevin Glover**

Kevin not present

**e. Next Meeting Date and Location**

a. Winter Jan 23 to 27, 2021, likely from home again or Chicago ☺

**12:00 Adjournment-**

**Lubos Motioned, G.D. Seconded. Meeting Adjourned.**