

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

**TC9.3 Agenda**

June 21, 2021  
Online Everywhere

<b>Committee</b>	<b>Day</b>	<b>Date</b>	<b>Start</b>	<b>End</b>	<b>Room</b>	<b>Location</b>
TC 9.3 Research Subcommittee	Tuesday	6/22/2021	10:00 AM	11:30 AM	Your own	online
TC 9.3 Transportation Air Conditioning Main Committee	Monday	6/21/2021	8:00AM	9:00 AM	Your own	online

The Participant Web Meeting links are as follows **(TO BE UPDATED)**:

<b>TC 9.03 Research</b>	Link to join: : <a href="https://ashrae-org.zoom.us/j/95341720599?pwd=Q1NFaIF3T3UxSHVsZElwemwvQn">https://ashrae-org.zoom.us/j/95341720599?pwd=Q1NFaIF3T3UxSHVsZElwemwvQn</a>
<b>TC 9.03 t Main Committee with Standards, Marine</b>	Link to join: <a href="https://ashrae-org.zoom.us/j/99460173610?pwd=SEs1eHdOd0Y3ejVXQVdEN2NLNXF">https://ashrae-org.zoom.us/j/99460173610?pwd=SEs1eHdOd0Y3ejVXQVdEN2NLNXF</a>

**Agenda**

**9:00 Call to Order & Establishment of Quorum; Online**

a. **Introductions**

**GD Mather (VM)**

**Rene Beaulieu (VM)**

**Daniel Tandoi (Guest)**

**Aaron McFarlane (VM)**

Andreas Bezold (CM)  
Florian Mayer (Guest)  
Jim Bushnell (CM)  
Kirk Stilfe (Guest)  
Richard Fox (CM)  
Byron Jones (CM)  
Stephen Trent (CM)  
Stephanie Licht (CM)  
Troy Winters (Guest)  
Lubos Forejt (VM)  
Don Leblanc (VM)  
Thaddeus Rogowski (VM)  
Judith Anderson (CM)

**b. Roster Update**

**a. ID voting member roll-off after 2021 Summer Meeting**

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

**b. ID voting member additions**

Jim Bushnell  
Richard Fox  
Stephen Trent  
Byron Jones  
Andreas Bezold

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

Don to continue as Chair- Thad is not interested in becoming chair  
Stephen Trent to move to Vice Chair  
Lubos Forejt to move to Secretary  
Rene to continue Research  
G.D. to continue Auto  
Lubos is currently Programs and Standards- will look for a new program chair (arm twisting offline)  
Stephen Trent will continue Handbook  
Kevin Glover to continue Ships

Guests looking to join the committee please apply here:  
[https://eweb.ashrae.org/eweb/TS\\_ProvisionalSignup.html](https://eweb.ashrae.org/eweb/TS_ProvisionalSignup.html)

## 9:30 Old Business

### Approval of Minutes from Winter Virtual Meeting With Quorum (6/0/0/0)

## 9:45 New Business

### a. Research- Andreas Bezold (If available, Research subcommittee is Tuesday)

#### 1. Cognit Air update

Final Report submitted

Presented results on study in January meeting

Final Report uploaded in Mid May

Writing publication to be published in ASHRAE journal

#### 2. RP 1830 update

Presentation in research committee (6/22)

Conducted series of experiments at AAL in Nov.

Separate set of experiments in March (@KSU)-

Third set of experiments week of 6/21-consistant results to APU

#### 3. Mass Transit RTAR?

Delayed due to COVID, even with COVID- still value to continue, more details to come

### b. Subcommittee Reports and Handbook Chapter Approval Status

#### 1. Automobile & Chapter 11 -GD Mathur

G.D Presenting: This is now chapter 11. Review is being started.

Asking for participant responses by end of July

New refrigerants being investigated in tandem with SAE committee

Updates are intended for end of year

Need feedback from members

Handbook Chapter is Due 7/5/2022

#### 2. Mass Transit & Chapter 12-Rene Beaulieu

Rene presenting: Being reviewed through GPC 23,

Met last week, inline with target

Fresh reminder last week

Handbook Chapter is Due 7/12/2022

#### 3. Aviation & Chapter 13– 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**  
Kevin isn't present for an update. Augusto potentially able to help? Don to investigate.
- c. **Program Report- Lubos Forejt (15 min)**  
Met on Tuesday 6/15.  
Winter Meeting- Seminar chaired by Judy- on mass transit infectious disease countermeasures  
Summer Meeting- Conf Paper Session on 6/30- some links to Aircraft & Subway  
2 Potential topics for Winter- GPC 23 Thad is taking charge of organizing- topic on key points of GPC 23-application of HVAC equipment for mass transit  
Publication on RP1830- 1 or more conference papers in addition to mandated journal- not a whole lot of thought on this yet, in pipeline  
Deadlines:  
Las Vegas: Most deadlines past  
June 18- Website opens for paper proposals- Closes August 2  
Dates and Scope for Annual meeting to be out later  
IAQ 2020-moved to 2022
- d. **Standards Report**
  - a. **Aircraft-SSPC161- Catherine Thibaud/Stephen Trent**  
G28 Being Published- Addendum D completed  
COVID topics to be added to Handbook.
  - b. **Mass Transit-GPC 23- Rene Beaulieu**  
Looking for new vice-chair  
2 new VMs to be added in July  
6 sections total, 1 complete  
Goal is to complete review of all sections next meeting, have received comments, and agree on those to be implemented  
Target for next release: End of 2025- new issued release
  - c. **Ship-Standard 26- Kevin Glover**  
Kevin not present
- e. **Next Meeting Date and Location**
  - a. **Winter January 29 to February 2, 2022, Maybe from home again or Las Vegas**

11:00 Adjournment-

Rene proposed, Thad 2nded, vote to adjourn unanimous.