



HVAC&R Construction and Design Build Technologies
Annual Meeting June 26, 2016
St. Louis, MO
St. Louis Marriott, Laclede Room
10:00am – 12:00pm [CDT]

MEETING AGENDA

Topic	Presenter	Time allotted
✓ Call to Order, Introductions, Sign In, Roll Call	Andrew Rhodes	5 Minutes
✓ Review of Orlando Meeting Minutes (Previously Approved)	Andrew Rhodes	5
✓ Review of St. Louis Programs <ul style="list-style-type: none"> • Workshop 9: Wednesday 9:45am, Room 228 <ul style="list-style-type: none"> ○ The Busted BIM Building Blues 	Andrew Rhodes	5
✓ Announcements from Section Meeting	Adrienne Thomle / Andrew Rhodes	10
✓ Review of Roster and Appointments	All	15
✓ 2016-2017 Goals and Objectives <ul style="list-style-type: none"> • Where do we want to go as a TC? • What are our goals / What do we want to accomplish? • What should we focus on for future ASHRAE meetings? 	All	40
✓ Programs Update	Monte Troutman	10
✓ Website, Research, Standards, ListServ Committee Chair Updates	Committee Chairs	15
✓ Schedule Follow Up Meetings / Final Thoughts / Adjourn	All	15
Total Time (max)		120 min.

TC 7.2 Roster				
Name	Position	Email	Voting	Present
Andrew Rhodes	Chair	arhodes@southlandind.com	YES	YES
Monte Troutman	Vice Chair	montemechs@bellsouth.net	YES	YES
Mark Terzigni	Secretary	mterzigni@smacna.org		
Peyton Collie	Research Subcommittee Chair	pcollie@smacna.org		
Adrienne Thomle	Standards Subcommittee Chair	adrienne.thomle@honeywell.com		YES
Michael McLaughlin	Webmaster	mmclaughlin@southlandind.com		
Billy Austin	Member	baustin@shultzeg.com	YES	YES
Waller Clements	Member	clementsevn@aol.com	YES	
Jennifer Leach	Member	pennst8jen@yahoo.com	YES	
David Lewis	Member	lewisd@claycorp.com	YES	YES
Matthew Mullen	Member	mullen@nemsi.com	YES	YES
Thursten Simonsen	Member	thursten@simonsens.net	YES	YES
Mitchell Swann	Member	swann@mdcsystems.com	YES	YES
Matthew Dart	Provisional Corresponding Member	matt.dart@mesca.ca		
Seenu Sundararajan	Provisional Corresponding Member	seenuicc@gmail.com		
Casey Younkins	Provisional Corresponding Member	caseyy@etsidvl.com		
William Atkinson	Corresponding Member	bill.atkinson@vtmechanical.com		
David Brown	Corresponding Member	dbrown@unitedhvac.com		
Kevin Brown	Corresponding Member	kevin.brown@abm.com		
Dane Bryan	Corresponding Member	dbryan@wendelenergy.com		
Mike Connor	Corresponding Member	mikec@connorengr.com		YES
Michael Cooper	Corresponding Member	mcooper@mccgroup.com		YES
Kyle Davis	Corresponding Member	kdavis@robinsmorton.com		
Wes Davis	Corresponding Member	wes.davis@acca.org		YES
Jim Fields	Corresponding Member	jfields@superiormechserv.com		YES
Eli Howard	Corresponding Member	ehoward@smacna.org		YES
Stillman Jordan	Corresponding Member	sjordanii@gmail.com		
Daniel Kerr	Corresponding Member	dkerr@burnsinc.com		
Anne Marshall	Corresponding Member	anne.marshall3@honeywell.com		
Sean McKeag	Corresponding Member	sean.mckeag@aecom.com		
Douglas Moore	Corresponding Member	doug@mckinstry.com		
Daniel Pettway	Corresponding Member	dcpettway@cox.net		YES
Donald Prather	Corresponding Member	donald.prather@acca.org		
Larry Smith	Corresponding Member	larrys@li-hvac.com		
Lawrence Spielvogel	Corresponding Member	spielvogel@comcast.net		YES
David Underwood	Corresponding Member	dunderwood@hvacrtdu.com		
Filza Walters	Corresponding Member	fwalters@ltu.edu		
Steven Watson	Corresponding Member	swatson@smacna.org		
Melissa Lancaster	Visiting Guest	mrl@pge.com		YES
Shawn O'Hara	Visiting Guest	sohara@smacna.org		YES
Keith Wintraub	Visiting Guest	keith.wintraub@optimumenergyco.com		YES

MEETING MINUTES

<p>001 Call to Order, Introductions, Sign In, Roll Call</p> <ul style="list-style-type: none">• Meeting called to order at 10:02am• (18) people in attendance, including enough voting members to meet quorum.
<p>002 Review of Orlando Meeting Minutes</p> <ul style="list-style-type: none">• The Orlando Meeting Minutes were previously approved via online vote in February. They have been posted to the TC 7.2 website.
<p>003 Review of St. Louis Programs</p> <ul style="list-style-type: none">• The TC sponsored one program at this meeting. It is Seminar 9: The Busted BIM Building Blues. That program is being held Wednesday morning at 9:45am. The chair encourages people to attend if they can.
<p>004 Announcements from Section Meeting</p> <ul style="list-style-type: none">• Adrienne will be finishing her tenure leading Section 7 on Thursday. Maria Todorovic will be taking her position.• ASHRAE will be rolling out the new online roster update form in January. This should make updating the TC's roster a much easier process. Will no longer need to pass Excel files back and forth.• Adrienne is very happy with the work coming out of Section 7. Nine papers, 12 of 64 seminars, and 2 of 8 workshops in St. Louis were sponsored by Section 7.• Award nominations are due September 1, 2016.• ASHRAE is forming (3) new MTGs.<ul style="list-style-type: none">• Impact of ASHRAE Standards in Technology (IAST)• Occupant Behavior in Buildings• Air Exchange Rates (proposed this weekend)• TC Chair training continues to happen at the same time as our meeting. Chair to review online training options.• Activity sheets are due back to Adrienne by Wednesday June 29.• ASHRAE is no longer automatically renewing technical paper reviewers. If you'd like to review papers, you must sign up yearly.• The deadline to submit proposals for the January 2017 Winter Meeting in Las Vegas is August 8.• The deadline to submit proposals for the June 2017 Annual Meeting in Long Beach is February 6.
<p>005 Review of Roster and Appointments</p> <ul style="list-style-type: none">• The TC feels that we should maintain (9) voting members. That way we can maximize our chances of making quorum.• Will be at (8) voting members as of July 1. Recommend adding one new voting member. Wes Davis will be added as a voting member.• Thursten Simonsen volunteered to take over as TC Webmaster.• Jim Fields encourages everyone to continue to recruit new members for our TC. Michael Cooper agrees and encourages every member to recruit one new Corresponding Member before the January meeting.• Melissa Lancaster will be added as a Provisional Corresponding Member.
<p>006 2016-2017 Goals and Objectives</p> <ul style="list-style-type: none">• Everyone agrees that the monthly phone calls were a good idea, but Fridays at lunch time appears to be a bad time for most people.• The group would like to target the third week of July for the next phone call. Chair to send out a Doodle Poll in the second week of July to determine the best time for the phone call.• The group thinks we should then follow up with another call 6-8 weeks later.
<p>007 Programs Update</p> <ul style="list-style-type: none">• The group has (4) topics in mind to submit by the August 8 deadline for programs in the 2017 Winter Meeting in Las Vegas• (1) Michael Cooper to work on an abstract for his ILPD topic.• (2) Monte Troutman to work on an abstract for Design Build in specialty applications (pharmaceutical, mission

critical, industrial, etc...)

- (3) Matthew Mullen has an industrial project that could potentially be a good case study.
- (4) Jim Fields and Eli Howard to work on an abstract for an informational session that would be held at the AHR Expo site. This program would be geared toward the contracting community.
- These topics will all be progressed between now and the TC's conference call in late July.
- Michael Cooper suggests a potential idea for ASHRAE Research.
 - ASHRAE recently concluded a research study on Net-Zero buildings. This study didn't take cost of construction into consideration.
 - Dan Pettway thinks a school system, specifically VA Beach Public Schools, could be a good place to carry out the research. They are currently working on a standard net-zero design that would then be used for all new schools.
 - Melissa Lancaster mentions that PG&E is currently working on a pilot program that would incentivize owners who choose to build net-zero buildings.
 - The group has numerous concerns about how this research would be formed and organized since different geographic locations create sets of different circumstances (climate, construction costs, etc...). The group agrees that any research project would need to present the data in a way that is useful no matter where you are located geographically.
 - Michael Cooper to take a first pass at what this research would look like and present to the group at our July conference call.
- David Lewis asks the group if anyone's local chapter has done anything to educate local contractors, DB firms, etc... He feels this would be a valuable service at the local level.
- Thursten says the Alamo chapter has taken steps to do this. Michael Cooper mentions that chapters in Mississippi and West Virginia have also had programs to educate people on 90.1. Matthew Mullen's chapter has also held a program.

008 Website, Research, Standards, ListServ Committee Chair Updates

- Website: Thursten Simonsen to take over as Webmaster
- ListServ: Chair to contact Mike Webster with ASHRAE Society to determine the path forward for how we post to the ListServ.
- Research: See Programs section above for discussion on Research.

009 Schedule Follow Up Meetings / Final Thoughts / Adjourn

- Chair to send our Doodle Poll in Mid-July to schedule our next phone call.
- Jim Fields notes that next year will be our 10 year anniversary as a TC.
- Meeting adjourned at 11:40am