

MINUTES
TC 9-12 TALL BUILDINGS
Tuesday, January 29th, 2013
Dallas
Live Oak (Sheraton Dallas)
3:30 PM to 6:00 PM

- Call to order – 1:30 PM by chair Peter Simmonds
- Introductions
- Approval of Minutes – San Antonio 2012(7,0, 0,CV)
- Chair's comments
- Membership – Mark Fly
 - Voting Members present for this meeting –
 - Peter Simmonds
 - Luke Leung
 - Dennis Wessel
 - John Carter
 - Pankaj Dharkar
 - Jeff Tubbs
 - Bill Webb
 - Voting Members not present
 - Dennis Alejandro (non Quorum), Lynn Werman, Oliver Baumann, Ray Sinclair
 - New Committee Members – non Quorum membership was discussed (John Klote)
- Research – Simmonds
 - RP-1659 on testing in tall buildings has been assigned to TC-9.12 but we have not yet seen it. The PES will be Peter Simmonds, Harvey Brickman, Ken Gill and John Carter. Peter to review with Mike Vaughn
 - RTAR written by Len Damiano co-sponsorship of research on building pressurization control - We approved Co Sponsorship in Las Vegas. Peter to review with Mike Vaughn
 - RP-1478 under TC - 4.3 in progress but regarding pressure testing in tall commercial buildings including wind effects. Using blower door test. Funding was less than expected from Oakridge National Labs. Testing complete on 16 buildings, with the tallest 11 stories. Results were presented to TC4.3. Some buildings were LEED certified some were not. Preliminary results did not correlate with LEED, which may be due to loading docks, etc. Papers are scheduled.

- ASHRAE has been requested to fund research proposed by IIT. The URP was discussed and the committee approved at the meeting. The committee discussed focusing the work statement a standard test methodology for measuring stack effect.
- The need to update the Tall Building Design Guide was addressed and requirements of that project should be discussed. This document updates our previously completed Tall Building design Guide and additionally will address Super Tall and Mega Tall Buildings which will be defined and addressed. Peter Simmonds submitted URP 1673 – URP returned to develop a work statement. CIBSE will co-sponsor and provide Plumbing and Electrical input. The committee discussed CTUBH providing input for climate data (wind and temperature), geographically and at varying heights.
- Webmaster – Mark Fly <http://tc912.ashraetcs.org/index.html>
- Program – John Carter
 - Dallas – Recent Developments in High Rise Building Design (Track 6: Large Building Design)
 - Program Chair: John Carter
 - Speakers: John Klote, Luke Leung, and Bill Webb
 - New York – Possible Program: Elevator Pressurization
 - Program Chair: Bill Webb
 - Speakers: John Klote, Jeff Tubbs, Michael Ferreira
 - New York – Tall Buildings Track that collates sessions relating to tall buildings. Possible topics:
 - Advancements in air infiltration calculations and measurements for tall buildings
 - Neutral Plane Calculations for tall buildings
 - Advancements in Tall Building Fire and Life safety requirements
 - Advancements in Mechanical Systems for tall buildings
 - Multi-altitude met data
 - An architect's perspective (possible speakers Adrian Smith (Smith +Gill), Paul Katz (KPF))
 - A structural Engineers perspective (possible speakers someone from Thornton Thomassetti, De Simone, Magnusson Klemincic)
 - A mechanical Engineers perspective (someone from JB and B, Syska or possibly Luke Leung?)
 - The proposed changes to the ASHRAE HVAC Tall Building Design Guide
 - Trends in Asian Tall buildings- Vincent Tse (Hong Kong Chapter)
- Handbook
 - Handbook needs to be voted on next meeting.
- Old Business - None
- New Business

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- TC-5.6 funded a research project to link the program CONTAM to others to provide a better means of dealing with fire and smoke in tall buildings. NRC Canada is reviewing methods for pushing this forward.

- What do we need to do to attract new members especially outside US?
 - Email local ASHRAE committees Re Tall Buildings
 - Invite YEA members
 - Liaison with CTBUH – Luke Leung
- SFPE Design Guide for Tall Buildings – first draft completed
- CTBUH Sustainable Guide for Tall Buildings
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Adjournment – 5:00 PM.
Submitted;

Jeffrey Tubbs, PE
Secretary
TC-9.12