

2012 ASHRAE Winter Meeting, Chicago

TC 1.5 Computer Applications- Main Meeting Minutes DRAFT

6:37 **Meeting called to order** by Galler

6:38: Introduction: Voting members: Galler, Zhou, Rosen, Billedeaux, Bourassa present (5/8 quorum reached)

Attendee list: Xiaohui Zhou, Walter Grondzik, Norm Bourassa, David Griffin, Stephen Roth, Raj Setty, Rob Hitchcock, David Bornside, Art Giesler, RLI, Steve Rosen, Mike Galler, Dave Branson, Ron Nelson, Bruce Billedeux, Mike Pouchak, Tim Dwyer

Review of meeting agenda: No change.

Approval of Montreal minute minutes: Billedeaux propose. Steve Rosen second. All present voting members vote "yes". Meeting minutes passed.

Action items:

- Reserve room locations: Galler: done.
- Chair write letter to TAC : Pouchak: done.

Dave Branson: Problem with room assignment for project 1468 – different locations at the same time.

Dave made a motion: Chair to write a letter to Judy Marshall making her aware of the situation and put in place a mechanism to prevent it happens again.

Dave Branson reporting for John Kennedy for Research:1468 project: progress has been made. Deliverable is useful. Request by the contractor to get 6-month no-cost extension – to July, 2012. Second 6-month extension requested. First 6-month extension is from July, 2011 to February, 2012.

Zhou: move, Bourassa second: 5-0, chair voting.

New research RTAR: Steve Roth leading, title tbd. April 14th deadline.

New research RTAR: Mike Pouchak "HVAC System Performance and Thermal Comfort Control using Work & Data Exchange Processes" – reduce scope of work based on previous comments. Will finish RTAR and advance to the next stage in 6-months. Pouchak to send rough draft to Art Giesler, Billedeaux will help on the RTAR.

Rob Hitchcock: TC 7.3 O&M research project use cases?

Art Giesler: Research backlog gone. Encourage RTAR and Work Statement, but many existing RTAR and WS are returned with comments. Existing 5 or 6 URPs – need to follow ASHRAE guideline on URPs. 4 to 5 criteria to prioritize the WS that have been approved.

Steve Rosen: 2015 handbook will be reviewed in San Antonio meeting. How many people use online version of handbook or handbook+ online? Members think it is needed to update incrementally for the online versions?

Billedeaux: More interaction on review process? Has been ~250 subscribers. New subscribers get one year free. Online version and online+ version are different.

Galler: Can Google Docs 2010 version update to 2011 version? Rosen: yes

Rosen: Meeting on the BIM MTG is cancelled.

Emerging applications: Bourassa: Zhou finished updating the subcommittee scope of work and updated the web site. Comments welcome though. Two authors were not present on RTARs that need to be modified.

New business:

- **Network security issue** from news articles on SCADA systems. Idea on topic as future programs - network based hardware security (controllers crash by pinged too frequently) what are the current security standards? What are the threats? What are the solutions? Examples of control security issues are discussed.

- **Web services API for ASHRAE:** methodology for how ASHRAE is delivering content in the digital world. Handbook may be an example. May be a big revenue source for ASHRAE. Market research? JFK idea:
- **Applications for Field Work.** Kennedy proposed.
- **Use Ping-Pong ball and some kind of GPS to track airflow?** Grondzak proposed.

Program: Seminar 41 TC 4.1 – 3:15-4:45 tomorrow **load on the move – mobile apps**

San Antonio: 2/13 deadline for programs. 3/16: notification. 5/4: Presentations upload.

1. Steve Roth: “State of Green Building XML (GXML) Interoperability” for San Antonio
2. Charlie Culp: Emerging BIM Apps Outside Standard AE practice” - San Antonio or future?
3. John Crosby: “Why Can’t We All Get Along?”
4. Mike Pouchak: “Emerging Computer Applications for HVAC: New and Innovated User Interface” contact Center for Built Environment. UC Berkley. David Layer as one potential speaker- for San Antonio.
5. iPhone app on Nest.com a potential speaker from APPLE for future seminars.
6. Ecofactor innovated thermostat.
7. Optimize HVAC – drop the seminar.
8. What they are doing now? Who is doing what?
9. Mike Galler: “Security Issues in Controls?” “Espionage and Privacy?” For Dallas.
10. Dave Branson: “Capture Design Intent through BIM” – probably for Dallas.
11. Program about introduction of GPC 20.

Roth: Will write a Technical Journal article about GPC 20.

Branson: Method of delivery of large files for ASHRAE, encourage ASHRAE embrace technologies like drop box. Actions: Letter to TAC and RAC by chair.

T&P: Branson- Had a successful meeting.

Web Page: Meeting minutes posted on main webpage. Membership need to be updated. Research page need to be consistent: too many details may not be needed. Program: still shows 2003~2004. Standard page take off Alison name. Handbook: still shows 2005, 2006. Discussion on updating website more frequently. Need good tools for coding html for ease of website update. Common framework for all TCs? TAC is aware of this and contacted us for web updating. Actions Items: Update web pages for different sections.

GPC 20: Members are writing article for ASHRAE Journal, seminar, RTAR for developing five use cases for demonstrating GPC 20.

Dinner plans: Giordano’s.

Announcements:

- Re-branding of ASHRAE. Action: website update on ASHRAE logo.
- TC9.9 Donald Lee receives High Tower Award.
- Sunday afternoon mixer with YEA.
- New roster effective July, 2012. New member introduced.
- Everybody check their information on website.
- TC member cannot speak before outside group unless TC members vote. Discuss with this topic.
- Welcome new members.
- CEC propose technical program changes.

Meeting Adjourned at 9:00