

Meeting Minutes

TC 9.9 Building Commissioning

Atlanta
28 January 2001

The meeting was called to order at 3:05 PM with chair Kathie Radke presiding. A roll call was made: 13 voting members were present. Self-introductions were made. The meeting agenda is attached.

Motion 1: Membership was added under item 7 of the agenda; it was accepted unanimously.

Motion 2: The minutes from the June 2000 meeting were approved unanimously.

Society Liaisons

Society liaisons from TAC, Standards, Program, and RAC were not present.

Journal Liaison - David Bevirt

The journal would like more down-to-earth, 'how to do it' types of articles that would be of use to consulting engineers. Results of seminars or forums can be used for articles. One particular area of interest is separate outside air ventilation systems. Please contact Dave with any questions.

Handbook Liaison - Henry Manczyk

The handbook deadline is May 17, 2002.

Correspondence - Chair

These are summarized in the attached notes. Of special note is the curtailment of the Research Program.

Action Item 1: Carl Lawson will respond to the request to enhance the AV program.

There was some discussion around the formation of a new technical resource group which would be tasked with producing a guide on building maintenance, total building control, and total building commissioning. This would seem to overlap with existing groups and published guidelines. An action plan to respond will be addressed under new business.

Subcommittee Reports:

Program - Carl Lawson

We got one out of four programs submitted for Atlanta; this was Commissioning of Laboratories. The main reason they were kicked back is lack of space. The proposed program schedule is attached. Programs not selected for Atlanta will be resubmitted.

Karl Stum suggested a seminar program on commissioning LEED projects. Speakers were identified for this: Dave Sellars, Jay Henck, and Bill Esposito. A symposium for Hawaii was proposed on flow capture hood calibration and use for building commissioning, with TC 1.2 and TC 9.7. Rick Casault proposed a seminar on commissioning in building codes. Potential speakers are John Hogan, Cedric Trueman, Rick Casault. Wayne Dunne or Andy Nolfo will chair.

The priorities for the Cincinnati meeting are: 1) a symposium on special facility commissioning; 2) a seminar on the impact of total building commissioning; 3) a seminar, the results of commissioning on commercial markets; 4) a symposium on commissioning for performance based contracting; 5) a forum on when will owners accept commissioning.

Research - Kristin Heinemeier

The report is attached. RP 1032 is making good progress. A draft report is expected in June. The first priority in the pipeline has a reasonable chance of being funded since it is in the Society's research plan. The committee's goal is to have the final draft of the work statement ready for the next meeting. The one-pagers for the other projects proposed are included in the report.

Motion 3: Andy Nolfo made a motion to accept the priorities in the research report. This was seconded by Carl Lawson. The motion was passed unanimously.

Karl Stum mentioned several research projects underway outside of ASHRAE for the committee's information. There is some activity in investigating how to put commissioning activities in California code. PECE is continuing work started by PG&E on developing a functional test library. PECE has a project in process on automatic commissioning techniques. AEC and PNL have money from the CEC to do automated commissioning r&d.

Motion 4: Walter Grondzik moved to accept the program priorities as listed above. Andy Nolfo seconded. Karl Stum remarked that the impact of total building commissioning should be dropped. Carl Lawson pointed out that this was brought forward by the Society Vice President and has high visibility. The motion was accepted unanimously.

Handbook Chapter - Karl Stum

The handbook chapter is languishing until the guideline rewrite is done. This process is going slowly, but the committee has a schedule that will finish the rewrite in April 2002.

Long Range Planning - Gerald Kettler

The committee had a good discussion on Saturday. A report is attached. From an industry standpoint, to help with marketing a simple explanation of commissioning is needed along with application tools, a defined skill set, training programs, and interface with other organizations. Research on cost benefits is needed in order to prove to

owners that commissioning is of benefit to them.

Standards - Rodney Lewis

Rodney is in the hospital and unable to attend.

Total Commissioning Guideline - Carl Lawson

This committee has not met since last May. It is still moving forward. Much work has already been submitted from other organization.

Web Page - Dave Shipley

Dave was unable to attend. Information on the new website is included in the report on administrative matters.

Liaison Reports:

GPC-1 The HVAC Commissioning Process - Walter Grondzik

There has been progress, but it is slow. There will be an interim meeting in Chicago. There is still no draft for public review.

GPC-4 Operating and Maintenance Documentation - Gerald Kettler

They are trying to get what they are doing integrated with GPC-1, so the same data will be reflected.

SP-91 Healthcare - Carl Lawson

This is a new healthcare standard that ASHRAE is writing. They are scheduled to go out for peer review after the June meeting. They have 17 chapters and 12 appendices. They are meeting in April to finalize the print.

SSPC-62 Ventilation for Acceptable IAQ - Elia Sterling

Appendix C is going out for TC review. This covers threshold limit values for exposure levels. This is important because it will form the basis for commissioning benchmarks. They would like comments from 9.9. The other appendix going out is N, which are ventilation rate calculations. It will address additivity issues. A stumbling block for new revisions is source emission levels and design for smoking. A Nevada resort association will propose taking hospitality out of the scope of 62 and put it in a new standard. Should we support this?

Motion 5: (by Elia, 2nd Andy Nolfo) TC 9.9 will endorse a motion to have hospitality removed from SSPC-62 to be a separate standard, with a separate committee.

Discussion: Tobacco is more complicated to deal with in casinos as compared with off ices. There is concern that this would be a license to smoke. Andy asked how our committee endorsement helps. Elia replied that the hospitality association is submitting a petition to ASHRAE, and this would support the petition. Gerald Kettler cited the example of the hospitality issue getting in the way of a smoking ordinance. He thought it would be good to separate it out: there is a problem with combined facilities: a

distinction needs to be made between hospitality and other parts of the building.

Craig Wray asked where this is coming from and why this has to do with commissioning; it should start from TC 4.3

Motion 6: (by Gerald Kettler, 2nd Elia Sterling) Table motion 5 until we have more information and the responsive TC has a chance to comment. Motion passed unanimously.

SSPC 90.2 Energy Efficient Design of New Low Rise Residential - Walter Grondzik
No report.

SSPC 111 Test and Balance for HVAC & R Systems - Gerald Kettler
Comments are in. It is not known if it will be approved.

GPC-10P Criteria For Achieving Acceptable Indoor Environment - Gerry Kettler
No progress. Gerry suggested that we stop following this committee.

GPC-11P Performance Testing and Verification Control Systems - Gerald Kettler
This is going out for public review after a letter vote on the current proposal.

GPC-13P Specifying Direct Digital Control Systems - Gerald Kettler
This is supposed to be out.

TC 1.7 Operating and Maintenance Management - Kathleen Radke
Nothing to report.

TC 1.8 Owning and Operating Costs - Barry Bridges
Not present.

TC 9.1 Large Building Air Conditioning Systems - Joe Scolaro
Not present. Carl Lawson will take over as liaison since Joe has retired.

TC 9.7 Testing and Balancing - Rodney Lewis
No report.

Old Business:

None.

New Business:

Kathie announced that she is receiving a severance from Honeywell, and will no longer be following ASHRAE. Andy Nolfo will step up as chair; Janice Peterson will be the vice chair.

The chapter program committee has asked about improving the video on commissioning. Carl Lawson will look into it and report back He will look for the original video. Carl mentioned that there is some discussion about downlinking

ASHRAE programs from annual and semi-annual meetings.

There was a discussion about the proposed new technical resource group as proposed by Richard Rooley and Ed Gut. The redundancy of the new group was questioned, since much of it is included in Guideline 1. Andy Nolfo would like to see some reasons for forming this new group. Kathie will write a letter to respond.

The committee voiced their appreciation for the excellent job that Kathie has done. She will be missed.

Next Meeting:

The next meeting will be in Cincinnati, Sunday, June 24, 2001, from 3-5 PM.

Adjournment:

The meeting was adjourned at 4:55 PM.

By: Janice Peterson

Attachments not provided as links were distributed to committee members in hard copy form by ASHRAE.