

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

**1791 Tullie Circle, N.E./Atlanta, GA 30329
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TC/TG/TRG MINUTES COVER SHEET

(Minutes of all TC/TG/TRG Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/TRG NO TC 9.9 DATE 12/11/2011

TC/TG/TRG TITLE Mission Critical Facilities, Technology Spaces and Electronic Equipment

DATE OF MEETING 06/02/2011 LOCATION Phone Conference

Voting MEMBERS	YEAR APPTD	PRESENT ABSENT	Voting MEMBERS	YEAR APPTD	PRESENT ABSENT
Robin Steinbrecher	10	P	Ecton English	10	P
Terry Rodgers	09	P	Don Beaty	10	P
Richard Pavlak	08	P	Jack Glass	09	P
Roger Schmidt	09	P	John Bean	10	A
Mukesh Khattar	09	A	Joseph Gangemi	10	P
David Quirk	09	P	Rhonda Johnson	10	P
Chris Kurkjian	11	P	Herb Villa	10	P
David Moss	11	A	Francis Mills	09	Int'l
Corresponding Members		Not Recorded			

DISTRIBUTION

<i>All Members of TC/TG/TRG plus the following:</i>	
TAC Section Head: Dr. Tom Lawrence	
TAC Chair: Charles Wilkin	
Manager Of Standards	Stephanie C Reiniche
Manager Of Research & Technical Services	Mike Vaughn

These draft minutes have not been approved and are not the official, approved record until approved by this committee.

Opening Remarks

The meeting was opened at 4:00 pm EDT. Jack Glass introduced himself along with Vice Chair, David Quirk.

Jack reviewed the dates and times of the TC 9.9 meetings scheduled for Montreal. The agenda for the main Committee meeting on Monday was reviewed.

Agenda:

Programs Subcommittee – Nick Gangemi, Chair

Nick stated that the schedule for Montreal Technical Sessions is posted. All Power Points must be in by June 6.

Nick reviewed key dates for Chicago and noted that 5 Conference Papers have been accepted. Forums and Seminars will be due in approximately 2 months.

Dates for submissions for conferences are posted on the TC 9.9 Website.

Research Subcommittee – Mike Patterson, Chair

Mike reported that an online survey will be sent to all members, soliciting their preference for research topics. The results of the survey will be presented at the meeting in Montreal.

Proposals have been received and are under review for Research project 1499, ESD/Humidity. Recommendations will be forwarded to ASHRAE to award the contract.

Handbook Subcommittee – Chris Kurkjian, Chair

Chris reported that the Applications Chapter 17 would be revised to reflect all the new information contained in the recent White Papers. The chapter will undergo revisions to stay current with the IT industry.

Standards Subcommittee - 90.1- Rick Pavlak, Chair

Rick reported that 3 Continuous Maintenance Proposals have been submitted to 90.1 related to data centers. One is the CMP endorsed by the TC 9.9 voting members to use PUE as an Alternative Compliance Path. There will be an opportunity to discuss this CMP with the Mechanical Subcommittee in Montreal on Sunday.

The other 2 CMP's revisit decisions reached with TC 9.9 at the Orlando meeting in January.

Rick encouraged other members to attend some of the 90.1 meetings in Montreal.

IT Subcommittee – Roger Schmidt, Chair

- The Subcommittee is working on a draft of the revised Power Trend book.
- It was reported that several companies are conducting environmental surveys to gather data related to contamination in the data center space.
- The Subcommittee is working on revisions to the Thermal Guidelines.

Publications Subcommittee – Don Beaty, Chair

- It was reported that the Economizer Book is being delayed pending the changes in the Thermal Guidelines.

SPC – 127 - Fred Stack

No report was available.

Discussion

Jack gave an update on membership and noted that there are now 23 Provisional Corresponding Members on the roster. More names are pending addition.

The call concluded at 4:46 pm EDT.

Members will be notified of the next Conference Call

The call in information will be distributed