

Draft Minutes, ASHRAE TC 10.02
Automatic Icemaking Plants & Skating Rinks
4:15pm to 6:15pm
Day, 01/20/2014
Sheraton Hotel (Madison 5)

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

1. Action Items
 - A. Current Action Items
 - i. Research – Discuss conditional acceptance of RTAR
 - ii. Programs – Looking for ideas
 - iii. Website – Need to update
 - B. Prior Action Items
 - i. Handbook - Coordinate with TC10.8 with cross reference between chapters – STATUS UNKNOWN
 - ii. Research – Submit RTAR – DONE
2. MOTIONS & DECISIONS
 - A. No Quorum, list of Attendees in item 14 below.
3. WELCOME and CALL TO ORDER – 4:20pm
 - A. Introduction of Members and Guests
 - B. Quorum established NO
4. AGENDA CHANGES
 - A. None
5. APPROVAL OF PREVIOUS MEETING MINUTES
 - A. 2013 Denver Meeting Minutes – No quorum, defer approval to Seattle.
6. Section Meeting Report – Greg Scrivener for Paul Kozlov
 - A. Program submissions for June 2014 Conference in Seattle are due February 13.
 - B. Conference Paper Abstracts for January Conference in Chicago are due March 24. If accepted full papers are due July 7, 2014
 - C. TC is reminded to keep website up to date.
 - D. Individuals are reminded to update their bio on the ASHRAE website.
7. Report formal actions between meetings – Greg Scrivener for Paul Kozlov
 - A. None
8. Liaison reports
 - A. TAC – Ken Cooper
 - i. Meeting minutes need to submit these in a timely manner.
 - ii. Reminded TC that the website has not been kept up to date.
 - iii. Questioned if there is an issue getting quorum.
 - B. Research – John Shonder
 - i. RTAR on Interaction of Ice Arena Space Conditioning Loads and Ice Surface Refrigeration Loads was conditionally approved with comments.
 - C. Staff – None present

9. Committee Reports:

- A. Handbook – Wayne Borrowman for John Scott
 - i. Wayne will ask John Scott if Galley proof's have been received & reviewed.
- B. Research – Wayne Borrowman for John Scott
 - i. RTAR on "Interaction of Ice Arena Space Conditioning Loads and Ice Surface Refrigeration Loads is conditionally accepted. One of the concerns raised by RAC was about the type of software we're proposing to put together. Mike Vaughn will have a formal list of comments.
 - ii. Next step is to convert to a work statement, addressing the concerns raised by RAC.
 - iii. Wayne will work with John Scott to develop a WS from the RTAR and RAC's comments.
 - iv. Need to approach TC9.8 review and vote on whether they will co-sponsor.
 - v. We will keep the TC10.2 research subcommittee meeting timeslot in Seattle. It will be tentatively on Monday June 30, 8-10AM.
 - vi. A draft work statement should be ready for TC10.2 to vote on at the next meeting.
- C. Standards – Greg Scrivener provided report of ASHRAE 15 committee activities.
 - i. Several change proposals in progress but not yet approved.
 - ii. Bruce badger's proposal to remove ammonia from 15 has been rejected. 2L being held up issue with Honeywell test results which are not yet publically published.
 - iii. Std 15 is in process of being reorganized for more code readability. Several ASHRAE 15 people have been assigned the task to reorganize specific sections. To keep this task more manageable to both re-write and to get approved the intention is that this process is to be editorial only.
- D. Programs – Dave
 - i. Deadline for program submissions for Seattle is February 13.
 - ii. The topic "New Trends in Ice Rinks" was discussed. Look into speakers.
 - iii. Dave Malinauskas will investigate idea of both the topic CO2 refrigeration in Ice Rinks. And potential speakers. Wayne Borrowman will assist Dave in the submission process. Possible speaker topics might be...
 - CO2 Refrigeration in arenas
 - CO2 & heat recovery in arenas
 - CO2 & operational issues in arenas
- E. Webmaster – Dan Dettmers
 - i. Dan Dettmers will assume the responsibility of updating TC10.2 website.
 - ii. Wayne Borrowman will find and forward old meeting minutes, etc. for positing on website.
- F. Membership – Wayne Borrowman for Don Siller
 - i. Wayne Borrowman advised that Don Siller passed away last September.
 - ii. Greg Scrivener to email sign in sheet to Wayne Borrowman for meeting minutes.
 - iii. Greg Scrivener will email Roster update to ASHRAE.
- G. ALI Coordinator –John Sluga
 - i. John Sluga has recently retired and it is not expected he will be attending ASHRAE in future.
 - ii. No report.

10. Old Business

- A. Meeting minutes from Denver: Paul was to forward the draft meeting minutes. Wayne will contact him to get them prior to the next meeting so they can be approved.

11. New Business

- A. Roster review – Greg Scrivener will submit revised roster.

12. Announcements

- A. Next TC10.2 meeting: Seattle, 4:15pm 06/30/2014.

13. Adjourn

- A. Meeting adjourned 5:30pm.

14. List of attendees:

- A. Present: Greg Scrivener (VM), Dave Malinauskas (VM), Wayne Borrowman (CM), John Davis (CM), Daniel Dettmers (CM), William Wladyka (CM)

- B. Absent: Paul Koslov (VM), John Scott (VM), Don Blacklock (VM-non quorum), Rob Akkerman (CM), Pradeep Bansal (CM), James Blahey (CM), Robert Burdick (CM), John Edmonds (CM), Reinhold Kittler (CM), Mark MacCracken (CM), William McCartney (CM), James Shepard (CM), Ron Strong (CM), Ron Vogl (CM)