

American Concrete Institute Committee 222
Corrosion
Spring 2012 Meeting Minutes
Tuesday, March 20, 2012
Dallas, Texas

Members in Attendance:

David Trejo, Chair

Burkan Isgor, Secretary

Neal Berke
David Darwin
Hamid Farzam
Ceki Halmen
Carolyn Hansson
Mohammad S. Khan
David McDonald

Ted Neff
Charles Nmai
Randy Poston
Rubén Salas
David Tepke
Jeffrey West
John Wojakowski

Associate Members in Attendance:

Paul-Eric Arnvig
Boyd Clark
Matthew Drew
Richard Huza
Usama Jacir
Danielle Kleinhans
Carl D. Maki

Wesley Miller
Matthew Miltenberger
Robert Moser
Harold Reed
John Turner
Chuck Weiss
Ali Abu Yousef

Visitors in Attendance:

Murray Adair
Brad Bergsma
Brooks Bucher
Qiwei Cao
Jorge Costa
Mark Cremasco
David Dunkinan

Salem S. Faza
Matt Hunt
Mohamad Nagi
Pierre-Claver N.
Andy O'Laughlin
Rob Sneckenberg
Dean Tucker

1. Call to Order

Chair Trejo called the meeting to order at 2:04 PM.

a. Welcome/Introductions

Self-introductions of those in attendance were made. Chair Trejo counted voting members and noted that a quorum was present at 2:09 PM (16 voting members were present; 11 voting members are required for quorum).

b. Membership Changes

Three new members (Neal Berke, Ceki Halman and David Tepke) joined the committee as voting members. Chair Trejo welcomed the new members to the committee.

c. Membership Roster

Chair Trejo reported the number of voting members of the committee increased to 27 with the new additions.

2. Approval of the Minutes from Fall 2011 Meeting in Cincinnati

Chair Trejo requested comments on the minutes from the Cincinnati, OH meeting (Fall 2011). Michael Brown moved to approve the minutes, and Mohammad Kahn seconded the motion. The minutes were approved with 4 abstentions from members who were not in the Cincinnati meeting.

3. Update on ACI Documents / 4.Task Group Reports

Revision of 222R – After TAC's review and comments, revisions were made in the document, and these changes were voted. Some of the negatives were reviewed in the Tampa and Cincinnati meetings but could not be voted because there was no quorum. The negatives in Chapters 3, 5 and 6 will be reviewed and voted during today's meeting.

There is still some work to be carried out in Chapter 4. Mohamad Nagi and Matt Drew volunteered to work on this chapter.

222.2R Corrosion of Prestressing Steels – Andrea Schokker, Randy Poston, Tracy Marcotte, and Jeff West put significant effort into this document, and it was conditionally approved by TAC. An extension to complete TAC's required revisions will be requested, but a new leadership is required to carry out the work. We have about 300+ comments in 8 chapters and references.

Robert Moser (lead), John Wojakowski, Mohamad Nagi and Usama Jacir volunteer to work on the document. Jeff West will be providing support as an advisor.

5. Resolution of Negatives ACI 222R:

Editorial changes were made by David Trejo. Negatives for Chapter 3 and 5 were reviewed.

CHAPTER 3:

Neg. #1 – Changes on text were made to address the negative. The changes were moved to be approved by Hansson (seconded by Wojakowski). The motion passed (For:17; Against:0; Abstentions: 1).

Neg. #2, #3 – Changes on text were made to address the negative. The changes were moved to be approved by Darwin (seconded by Khan). The motion passed unanimously.

Neg. #4, #5 (and #23) – Resolution of the negative will be kept on hold until David McDonald's changes are reviewed.

Neg. #6 – David McDonald will provide a revised text, and we will re-ballot.

Neg. #7 – David McDonald will provide a revised text, and we will re-ballot.

Neg. #8 (and #11) – The negative was addressed by adding separate sections on stainless and low-carbon Cr steels. The revised sections will be re-balloted with web ballot.

Neg. #9 and #10 – The revisions were made as editorial changes.

Neg. #11 – See Neg. #8.

Neg. # 12 – David McDonald will provide a revised text, and we will re-ballot.

Neg. #13 – The negative was accepted unanimously as editorial (moved by Neff; seconded by Hansson).

Neg. #14 – Changes on text were made to address the negative. Motion to accept the changes passed unanimously (moved by Hansson; seconded by Berke).

Neg. #15 – Changes on text were made to address the negative. Berke will provide an additional Pourbaix diagram at a higher temperature, and we will re-ballot.

Neg. #16 – Changes on text were made to address the negative. The changes were moved to be approved by Isgor (seconded by Hansson). The motion passed (For: 13; Against: 0; Abstentions: 1).

Neg. #17 – Changes on text were made to address the negative. The changes were moved to be approved by Isgor (seconded by Hansson). The motion passed (For: 13; Against: 0; Abstentions: 1).

Neg. #18 and #19 – Changes on text were made to address the negatives. Motion to accept the changes passed unanimously (moved by Hansson; seconded by Berke).

Neg. #20 – Revisions were made to address the negative. David McDonald will provide additional revisions, and we will re-ballot.

Neg. #21 – The new text was added to address the negative. Motion by Isgor (seconded by Wojakowski) was approved unanimously.

Neg. #22: The new text was revised to address the negative. Motion by Isgor (seconded by Wojakowski) was approved unanimously.

Neg. #23 – See Neg. #4 and #5.

Neg. #24 – Sections have been separated and re-written. The text will be sent for review before re-balloting.

Neg. #25 – Ceci will add a paragraph to discuss the need to minimize cracking before re-balloting.

Neg. #26 – References provided by Darwin were added. Motion by Isgor (seconded by Berke) passed unanimously.

CHAPTER 5:

Neg. #1 – Revisions were made. Motion to approve the revisions by Wojakowski (seconded by Neff) carried (For: 14; Against: 0; Abstention: 1)

Neg. #2 – Revisions were made. Motion to approve the revisions by Neff (seconded by Nmai) carried unanimously.

Neg. #3 – Revisions were made. Motion to approve the revisions by Hansson (seconded by Brown) carried unanimously.

Neg. #4 – Trejo withdraws the negative.

Neg. #5 – Trejo withdraws the negative.

Neg. #6 – ASTM 1556 was deleted. Motion to approve the revisions by Neff (seconded by Nmai) carried unanimously.

Neg. #7 – Trejo withdraws the negative.

Neg. #8 – Rilem and ASTM standards were added. Motion to approve the revisions by Hansson (seconded by Berke) carried unanimously.

Neg. #9 – Editorial; Trejo withdraws the negative.

Neg. #10 – Editorial; Trejo withdraws the negative.

Neg. #11 – The text was revised. Motion to approve the revisions by Isgor (seconded by Berke) carried unanimously.

6. Update on Existing Sessions

Khan gave an update on the Hope-Schupack Symposium. It was reported that the symposium was a success with very high quality presentations. The preparation for the SP is in progress; the paper reviews are mainly completed. Khan acknowledged Carolyn Hansson and Andrea Schokker for the wonderful tribute papers and presentations they have prepared. Chair Trejo thanked Mohammad Khan for the outstanding work in organizing the symposium.

Since the honorees were not present, based on the suggestion of some members, Khan proposed to have a reception or dinner in Toronto. The committee members supported the reception idea to promote social interactions among attendees.

Kahn moved (seconded by Hansson) that arrangements are made to organize a reception in Toronto to honor Brian Hope and Morris Shupack. The motion carried unanimously.

Since the arrangements for the reception need to be done quickly, Khan will inform ACI about the decision of the committee as soon as possible.

7. Future Sessions

No discussion on future sessions took place.

8. New Business

There were no new business.

8. Adjournment

Carolyn Hansson moved to adjourn the meeting. Neal Berke seconded the motion. The meeting was adjourned by Chair Trejo at 5:05 pm.