

AGENDA
ACI COMMITTEE 365 – SERVICE LIFE PREDICTION

ACI Spring 2008 Convention
Los Angeles, CA

Monday, March 31, 2008
9 am to 1 pm
Meeting #40
Olympic 2

1. Call to Order
2. Self-Introductions and Membership Update
3. Approval of Puerto Rico Minutes
4. Approval of Agenda
5. Status of the State of the Art Report (365.1R)
 - a. Chapter Progress Updates REFER TO TABLE 1
 - b. TAC review update
 - i. Calendar of ACI engineering review with TAC submission deadline dates (REFER TO TABLE 2)
6. Subcommittee 365A Report
 - a. Another ultimatum, followed by a ballot in February.
 - i. Some chapters have rough drafts.
 - ii. T. Holland has proposal for completing the remainder of the document.
 - b. Document progress: Chapters 1, 3, 5, 6, and 7 have been drafted. The current outline of the document is:
 - i. Ch. 1: Introduction (Bhide, Kojundic)
 - ii. Ch. 2: Factors affecting service life (Berke)
 - iii. Ch. 3: Service Life modeling basics (Isgor, Thomas)
 - iv. Ch. 4: Modeling protection systems (Hooton, Prusinski)
 - v. Ch. 5: Maintenance and Repair (Church, soon)
 - vi. Ch. 6: Life-cycle cost analysis (Marcotte, Ehlen, Fung)
 - vii. Ch. 7: Looking beyond the basic calculations (Chapdelaine)
 - c. Further discussion will focus upon whether the document should continue.
 - d. Meeting: Monday afternoon, 2-5 pm in Room “1906” (19th Floor meeting rooms).
7. Report on Technical Sessions
 - a. “Service Life Prediction: Bridging the gap between modeling and practice”, Los Angeles: M. Brown and O. Gepraegs
 - i. Wed, April 2, 9-12 pm: Santa Monica
 - b. “Specifications and service life, performance-based specifications”: Tourney
 - c. “Predicting or extending service life” – Open
 - d. “Service Life and Safety” with 348 – S. Diniz, Z. Lounis.
 - e. “Modeling corrosion of post tensioned structures” – Open

- f. "How can you use SLP to demonstrate sustainability?" – A. Aldykiewicz, P. Tourney
 - g. New topics?
8. New Business
- a. 562 document liaison
 - i. Anyone formally a member of 562?
 - ii. Must generate feedback for committee regarding what information should be included in their commentary/codes. Need to examine our documents for information that can be converted into code language, or at least commentary language.
 - iii. Have a year to collect information and submit
9. Liaison with Other Committees
- a. 201/224: Call for papers (attached)
 - b. 222 (Corrosion)
 - c. 228 (Nondestructive Testing)
 - d. 343 (Bridge Design)
 - e. 345 (Concrete Bridge Construction, Maintenance, and Repair)
 - f. 364 (Rehabilitation)
 - g. 546 (Repair)
 - h. 562 (Evaluation, Repair, and Rehabilitation): *As above*
10. Next Meeting
- a. Identical session slot in Fall?
 - b. Featured presentation?
11. Other Meetings of Interest
12. Adjournment

Table 1: Status of State-of-the-Art Document Sections & Future Plans

Chapt.	Title (Reviewers)	Status	Future Action Required
1.	Introduction (Marcotte, Bentz)	Drafting	Ballot required
2.	Environment, Design, and Construction Considerations (Aldykiewicz, Berke)	Balloted Feb. 2006 with 44 voting members. Reballoted Jan 2007 with 36 members. Negatives resolved Spring 2007 meeting. Review complete.	Final edits. Submit to ACI.
3.	In-service Inspection (Basheer)	Balloted in Jan 2006 with 43 voting members. Negatives resolved Spring 2006 meeting. However, method of resolving quorum will not meet ACI standards.	Reballot with negatives incorporated.
4.	Methods for Predicting Service Life (All, Lounis, Tourney, Chapdelaine)	Balloted in Jan 2006 with 43 voting members with completely revised wording. Negatives were not resolved at Spring 2006 meeting. Decision to maintain existing Chapter 4 background, and add new examples: Lounis, Chapdelaine, Bentz/Thomas New sections received from Lounis, Chapdelaine.	Ballot with Lounis and Chapdelaine sections.
5.	Economic Considerations (Lounis)	Balloted in Feb 2007 Ballot Passed	Editorial changes. Submit to ACI.
6.	Examples (All, Aldykiewicz, Lounis)	Balloted in Feb 2007. Negatives resolved during Spring 2007 meeting. New section to be balloted from Chapdelaine.	Ballot final example. Reballot stochastic example to satisfy ACI requirements. Editorial changes to probabilistic example.
7.	On-going work (Marcotte)	Drafting.	Ballot Required

Table 2: TAC Review Deadlines

ACI technical documents are reviewed three times each year. Documents must be submitted to ACI staff on time—deadlines are not flexible.

Activity	TAC Fall Meeting St. Louis, MO November 2-6, 2008	TAC Fall Meeting San Antonio, TX March 15-19, 2009
Final 30-day letter ballot issued	June 27, 2008	November 7, 2008
Committee-approved document submitted to staff for editorial review*	August 1, 2008	December 12, 2008
Document submitted to TAC and external reviewers	September 26, 2008	February 6, 2009
TAC Review Group conference calls	October 22-24, 2008	March 3-5, 2009
TAC meeting**	October 31- November 2, 2008	March 13-15, 2009

* Committee-approved documents must include: an electronic draft with title, roster, synopsis, figures, graphs, tables, a membership balance statement (if the document is a standard), and a completed ballot summary with all negatives resolved. Submitting a document by this deadline does not guarantee TAC review at the upcoming meeting.

** To ensure a productive document review process, TAC expects one or two members of the committee to meet with the Review Group during the TAC meeting. For the convention, the discussion should be in person. For the summer meeting, the discussion may be in person or via teleconference.

CALL FOR PAPERS

3/25/08

EFFECTS OF CRACKING ON DURABILITY

Meeting: Technical session on the subject of “**Effects of Micro and Macro Cracking on Durability, Part 1 & 2**” at the ACI Convention, March 15-19, 2009 in San Antonio, Tx. Session is jointly sponsored by ACI Committees 201 Durability of Concrete and 224 Cracking.

Solicited: Presentations related to the prevention, minimization, and/or remediation of cracking in concrete to increase durability and serviceability. Possible topics include research, materials, engineering design, construction techniques, practical applications, remediation and repair, and project case histories.

Requirements: 1) Presentation title; 2) author/speaker name(s), affiliation, address, telephone, fax, and e-mail, and 3) and abstract of approximately 250 words.

Deadline: Abstracts by May 15, 2008.

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