

AGENDA
ACI COMMITTEE 365 – SERVICE LIFE PREDICTION

ACI Spring 2008 Convention
St. Louis, MO

Monday, November 3, 2008
9 am to 1 pm
Meeting #41

1. Call to Order
2. Self-Introductions and Membership Update
3. Approval of Los Angeles 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)
 - c. Must use uploaded template for submitting comments.
 - d. Volunteers for reconciling comments?
6. Featured Presentation: Dr. Mark Ehlen (<http://markehlen.org/Home.html>)
 - a. LIFE 365, Version 2.0, **scheduled for 9:30 am.**
7. Subcommittee 365A Report
 - i. T. Holland report, **scheduled for 10 am**
8. Report on Technical Sessions

Table summarizing the status of proposed 365 technical sessions

Item	Technical session	Organizer	Status	When
A	Advances in Service Life Models that Consider Multiple Sources of Deterioration	Weiss	No update	TBD
B	Specifications and service life, performance-based specifications	Tourney	No update	TBD
C	Predicting or extending service life	Open	No update	TBD
D	Service life and safety	With 348, Open	No update	TBD
E	Modeling corrosion of post tensioned structures	Open	No update	TBD
F	How can you use SLP to demonstrate sustainability	Aldykiewicz and Tourney	No progress since the Spring 2007 meeting	Obtain list of speakers and submit to TAC for the Spring 2009 meeting in San Antonio
G	Service life prediction of systems that have ASR (and/or alkali reactive	Tourney	---	TBD

	aggregate)			
H	Look at topics outside of corrosion (e.g., extend the life of existing structures, what about freeze/thaw durability?). Instead of repair, we should focus on the extension of service life.	Thomas	Added in Los Angeles	TBD
I	Service life prediction of non-corrosion related concerns	Marcotte	Added in Los Angeles. Potential papers: Thomas, Tourney, Marchand, Holm (MIT)	Fall 2009 Spring 2010? Chicago

- a. Future convention locations and preliminary request deadlines
 - i. March 2009: San Antonio, TX (April 4, 2008, *passed*)
 - ii. Fall 2009 New Orleans, LA (November 7, 2008, *missed CI deadline for Call for Papers*)
 - iii. Spring 2010 Chicago, IL (March 20, 2009; CI deadline: November 19, 2008)
 - iv. Fall 2010 Pittsburgh, PA (November 13, 2009; CI deadline: June 24, 2009)

9. New Business

10. Liaison with Other Committees

Table summarizing the status of other committees

ACI No.	ACI Name	Liaison	Comments
201	Durability of Concrete		
222	Corrosion of Metals	Marcotte	
224	Cracking		
228	Nondestructive Testing		
343	Bridge Design		
345	Concrete Bridge Construction, Maintenance, and Repair		
357	Offshore and Marine Concrete Structures		
362	Parking Structures		
364	Rehabilitation		
546	Repair		
562	Evaluation	Marcotte	

11. Next Meeting

- a. Identical session slot in Fall?
- b. Featured presentation?

12. Other Meetings of Interest

13. 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. Submitting a document by the deadline does not guarantee TAC review at the next upcoming meeting.

Activity	TAC Spring Meeting San Antonio, TX March 15-19, 2009	TAC Summer Meeting Myrtle Beach, SC July 15-17, 2009
Final 30-day letter ballot issued	November 7, 2008	March 11, 2009
Committee-approved document submitted to staff for editorial review*	December 12, 2008	April 15, 2009
Document submitted to TAC and external reviewers	February 6, 2009	June 10, 2009
TAC Review Group conference calls	March 3-5, 2009	July 8-10, 2009
TAC meeting**	March 13-15, 2009	July 15-17, 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.