

**AGENDA**  
**ACI COMMITTEE 365 – SERVICE LIFE PREDICTION**

**ACI Spring 2008 Convention**  
**San Antonio, TX**

**Monday, March 16, 2009**  
**9 am to 1 pm**  
**Meeting #42**

1. Call to Order
2. Self-Introductions and Membership Update
3. Approval of St. Louis Minutes
4. Approval of Agenda
5. Status of the State of the Art Report (365.1R)
  - a. Chapter Progress Updates (REFER TO TABLE 1)
    - i. Resolution of Chapter 6 negatives
  - b. TAC review update
    - i. Calendar of ACI engineering review with TAC submission deadline dates (REFER TO TABLE 2)
  - c. Volunteers needed**
6. New Subcommittee Discussion
7. 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		
B	Specifications and service life, performance-based specifications	Tourney		
C	Predicting or extending service life	Open		
D	Service life and safety	With 348, Open		
E	Modeling corrosion of post tensioned structures	Open		
F	How can you use SLP to demonstrate sustainability	Aldykiewicz and Tourney		
G	Service life prediction of systems that have ASR (and/or alkali reactive aggregate)	Tourney		
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		
I	Service life prediction of non-corrosion related concerns	Marcotte		

- a. Future convention locations and preliminary request deadlines

- i. Spring 2010 Chicago, IL (March 20, 2009; CI deadline: November 19, 2008)
- ii. Fall 2010 Pittsburgh, PA (November 13, 2009; CI deadline: June 24, 2009)

8. New Business

9. Liaisons with Other Committees

*Table summarizing the status of other committees*

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

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**

<b>Chapt.</b>	<b>Title (Reviewers)</b>	<b>Status</b>	<b>Future Action Required</b>
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, Tournay, 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. Complete chapter re-balloted in Jan-Feb 2009 & passed with 3 negatives.	Ballot passed. Needs resolution of minor negatives.
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.

<b>Activity</b>	<b>TAC Summer Meeting Myrtle Beach, SC July 15-17, 2009</b>
Final 30-day letter ballot issued	March 11, 2009
Committee-approved document submitted to staff for editorial review*	April 15, 2009
Document submitted to TAC and external reviewers	June 10, 2009
TAC Review Group conference calls	July 8-10, 2009
TAC meeting**	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.