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)

   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
   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

<table>
<thead>
<tr>
<th>Chapt.</th>
<th>Title (Reviewers)</th>
<th>Status</th>
<th>Future Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Introduction (Marcotte, Bentz)</td>
<td>Drafting</td>
<td>Ballot required</td>
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<tr>
<td>3.</td>
<td>In-service Inspection (Basheer)</td>
<td>Balloted in Jan 2006 with 43 voting members. Negatives resolved Spring 2006 meeting. However, method of resolving quorum will not meet ACI standards.</td>
<td>Reballot with negatives incorporated.</td>
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<td>4.</td>
<td>Methods for Predicting Service Life (All, Lounis, Tourney, Chapdelaine)</td>
<td>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.</td>
<td>Ballot with Lounis and Chapdelaine sections.</td>
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<tr>
<td>5.</td>
<td>Economic Considerations (Lounis)</td>
<td>Balloted in Feb 2007</td>
<td>Editorial changes. Submit to ACI.</td>
</tr>
<tr>
<td>7.</td>
<td>On-going work (Marcotte)</td>
<td>Drafting.</td>
<td>Ballot Required</td>
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</table>
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.

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

* 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.


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