AGENDA
ACI COMMITTEE 365 - SERVICE LIFE PREDICTION

ACI Fall 2007 Convention
Fajardo, Puerto Rico

Monday, October 15, 2007
9 am to 1 pm
Meeting #39
Magnolia

1. Call to Order
2. Self-Introductions and Membership Update
   a. Voting membership
   b. Quorum calculation
3. Approval of Atlanta 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. Ultimatum last meeting.
   b. Document progress: Chapters 1, 3, 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)
      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 Siete Mares A.
7. Report on Technical Sessions
   a. “Advances in Service Life Models that Consider Multiple Sources of
      Deterioration”, Atlanta (Weiss)
   b. “Bridging the gap between SLP models and Practice”, Los Angeles: M.
      Brown
   c. “Specifications and service life, performance-based specifications”:
      Tourney
   d. “Predicting or extending service life” – Open
   e. “Service Life and Safety” with 348 – Open
   f. “Modeling corrosion of post tensioned structures” – Open
   g. “How can you use SLP to demonstrate sustainability?” – A. Aldykiewicz,
      P. Tourney
h. New topics?

8. New Business

9. Liaison with Other Committees
   a. 222 (Corrosion)
      i. 123 Forum: Do we know what the chloride Threshold is for Reinforcing Steel Corrosion?
         1. Mohammed Kahn, Randy Poston, Per Fidjestøl, Dave Whitmore, Tracy Marcotte, Carolyn Hansson
         2. Side topic: who would want to visit old San Juan anyway???
      ii. Technical Session “New Developments in Understanding Steel Reinforcement Corrosion Thresholds in Concrete”, Wed. Oct. 17th, 9-12 pm, Salon 5
         1. Carolyn Hansson, Eric Samson, Paul Tourney, Neal Berke, David Trejo, Scott Humphries, Dave Whitmore
   b. 228 (Nondestructive Testing)
   c. 343 (Bridge Design)
   d. 345 (Concrete Bridge Construction, Maintenance, and Repair)
   e. 364 (Rehabilitation)
   f. 546 (Repair)
   g. 562 (Evaluation, Repair, and Rehabilitation)

10. Next Meeting
   a. Identical session slot in Spring? Will tailor to ballot outcomes.
   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>
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<tbody>
<tr>
<td>1.</td>
<td>Introduction (Marcotte, Bentz)</td>
<td>Drafting</td>
<td>Ballot required</td>
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<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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<td>5.</td>
<td>Economic Considerations (Lounis)</td>
<td>Balloted in Feb 2007 Ballot Passed</td>
<td>Editorial changes. Submit to ACI.</td>
</tr>
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<td>7.</td>
<td>On-going work (Marcotte)</td>
<td>Drafting.</td>
<td>Ballot Required</td>
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**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 Meeting Los Angeles, CA March 30-April 3, 2008</th>
<th>TAC Meeting Santa Fe, NM July 9-12, 2008</th>
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<tbody>
<tr>
<td>Final letter ballot issued</td>
<td>November 23, 2007</td>
<td>March 5, 2008</td>
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<tr>
<td>Final Letter ballot due</td>
<td>December 21, 2007</td>
<td>April 2, 2008</td>
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<tr>
<td>Committee-approved document submitted to staff for editorial review*</td>
<td>December 28, 2007</td>
<td>April 16, 2008</td>
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<tr>
<td>TAC review group conference calls</td>
<td>March 18-20, 2008</td>
<td>June 27, 30, and July 1, 2008</td>
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<tr>
<td>TAC meeting**</td>
<td>March 28-30, 2008</td>
<td>July 9-12, 2008</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.

** 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.