AGENDA
PTI DC-10A SOG - Structural Subcommittee
April 24, 2016
8:00 AM - 12:00 PM
Renaissance Long Beach - Long Beach, CA

Voting Members Present (x of 16)
Homer Parker, Jr., Chair
Dean Read, Vice Chair
Greg Axten
Lowell Brumley
Darren Buck
Tony Childress
Kenneth Douglass
Brian Eubanks
Donald Illingworth
Brian Juedes
Jerald Kunkel
Rene Luft
Harley Nethken
Donald Shaheen
Mervin Snowden
Tami Spicer
Amy Dowell, NV

Parker Engineering, LLC
MLAW Consultants & Engineers
American Geotechnical
Bec-Lin Engineering, L.P.
Suncoast Post-Tension, Ltd
Childress Engineering Services, Inc.
Eric L. Davis Engineering
Paragon Structural Engineering, Ltd.
Don Illingworth & Associates, Inc.
Felten Group, Inc.
Jerald W. Kunkel Consulting Engineers, Inc.
Simpson Gumpertz & Heger, Inc.
Tech-Con Systems, Inc.
DPIS Engineering, LLC
Snowden Engineering, Inc.
Strand Systems Engineering, Inc.
PTI Staff

Associate Members Present
Fabio Albino de Souza
Bryan Allred
Greg Axten
Tim Lipasek
Robert Lytton
David Peralta
Jon Sampson
Ilia Sarad
Ken Walsh

EBPX Brazil
Seneca Structural Engineering, Inc.
American Geotechnical
DPIS Engineering, LLC
Texas A & M University
Unintech Consulting Engineers
FBA, Inc.
Option One Consulting Engineers
San Diego State University

Visitors Present

ACTION ITEMS FROM LAST / THIS MEETING

<table>
<thead>
<tr>
<th>Item #</th>
<th>Subject</th>
<th>Action</th>
<th>Responsible</th>
<th>Deadline / Completed</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>6 Beta</td>
<td>Gather additional design examples, Dean to modify PTI Slab for a committee version for members to test limits. WM to review data</td>
<td>Spicer, Read</td>
<td>2/8/15 WM – to be presented in this meeting</td>
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<tr>
<td>Agenda Item</td>
<td>Time Allocation/Discussion Leader(s)</td>
<td>Expected Outcome / Actions Taken</td>
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<tr>
<td><strong>A. General</strong>&lt;br&gt;A.1 Call to Order&lt;br&gt;A.2 Introductions&lt;br&gt;A.3 Committee Roster / Changes&lt;br&gt;A.4 PTI Antitrust Policy&lt;br&gt;A.5 Amy needs help during meeting to help us!</td>
<td>Chair</td>
<td>A.5 Amy has asked that we can either have her run the computer or take notes. We will ask that we have one volunteer either run the computer.</td>
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<tr>
<td><strong>B. Agenda &amp; Minutes</strong>&lt;br&gt;B.1 Approval of Agenda&lt;br&gt;B.2 Approval of Minutes from 10/7/15, 11/16/16, and 2/8/16 (Meeting ballot required)</td>
<td>Chair</td>
<td>B.1 → B.2 Vote on Minutes approval &lt;br&gt;Motion / Second: Name / Name &lt;br&gt;Result: [ ] [ ] [ ] (Y- N- A )</td>
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<tr>
<td><strong>C. Actions Taken Between Meetings</strong>&lt;br&gt;C.1 Letter Ballots (none)&lt;br&gt;C.2 Web Meetings (11/16/2015, 2/8/16)</td>
<td>Childress Shaheen Snowden Axten</td>
<td>C.1 Nada &lt;br&gt;C.2 Three design examples were prepared by Axton, Childress, Shaheen, to cover three major environmental changes within the Stds. &lt;br&gt;During a Committee web meeting Snowden verified the design examples. &lt;br&gt;Tony to run all three examples thru his software to generate the hand computations for publication. &lt;br&gt;During the process, there was a request to change the order of some items in Chapters 6, 7, 8 to meet with the way the design examples were prepared.</td>
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<tr>
<td><strong>1. Action Item 1: (Design Examples for SOG User Guide)</strong></td>
<td>Shaheen Childress Axton (60 min.)</td>
<td>Continuing with Agenda Item C, we need to vote to approve the design examples. &lt;br&gt;We are going to work on symbols and definitions section to complete the last of the User Guide from this committee.</td>
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<td><strong>2. Action Item 2: (6 Beta Discussion)</strong></td>
<td>Spicer (60 min.)</td>
<td>We had voted to spend some time to work on the Beta. &lt;br&gt;We are going to outline the various methods to address this item and break out into separate task groups to work on item.</td>
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<td><strong>3. Action Item 3: (Updated Stds)</strong></td>
<td>Chair (60 min.)</td>
<td>During the User Guide, we came up with several items in the standards that were in need of updating. The items that we can agree we will make proposals for change. We will setup web meetings to discuss the items that are not in agreement.</td>
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<td><strong>D. New Business</strong>&lt;br&gt;D.1&lt;br&gt;D.2</td>
<td>Chair (5 min.)</td>
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### Agenda Item

<table>
<thead>
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### F. Adjourn

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### E. Next Meeting

2016 PTI Committee Days – Tucson, AZ, October 5-7, 2016

**Web Meetings:**

### AGENDA / MEETING EXHIBITS

<table>
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<tr>
<th>Exhibit #</th>
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<tr>
<td>Roster / A.4</td>
<td>Sign-In Sheet / PTI Anti-Trust Policy</td>
</tr>
<tr>
<td>B.2</td>
<td>Meeting Minutes from 10/7/15 and 11/16/15, 2/8/16</td>
</tr>
</tbody>
</table>
PTI POLICY STATEMENT ON COMPLIANCE WITH ANTITRUST LAWS

At a meeting on October 8, 1980, the Board of Directors first discussed the Institute's status and policies regarding compliance with antitrust laws. After review of both the internal and external compliance procedures, the following resolution was approved:

"The staff, officers, directors and members of the Post-Tensioning Institute are reminded that they are required to comply with the spirit and specific requirements of the antitrust laws on all activities within the scope of, and related to, the official functions of PTI. Further, this restated position, along with appropriate explanatory material, should be placed in all meeting folders/books periodically, beginning with the 8th of October meeting of PTI."

On July 24, 2012 and again on October 7, 2015, the Executive Committee authorized Legal Counsel to review and update this Policy Statement in the perspective of the Department of Justice Business Review Letter of July 30, 1997 and current case law. As a continuing guide for your participation in PTI's meetings, please review and continue to adhere to the following "Legal Limitation on Discussions at PTI Meetings."

LEGAL LIMITATION ON DISCUSSIONS AT PTI MEETINGS AND EVENTS

A free exchange of ideas on matters of mutual interest to the members is necessary for the success of all meetings. Indeed, such an exchange of views is essential to the successful operation of every trade association and the law specifically allows legitimate exchange of views pertaining to, e.g., quality control, safety, building design and construction integrity, etc.

It is not the purpose of this memorandum to discourage the exploration in depth of any matters of legitimate concern to meeting participants. Nevertheless, to ignore certain antitrust ground rules, either through ignorance or otherwise, is to create a civil and criminal hazard businessmen simply cannot afford.

It is for these reasons that PTI provides you with a reminder that certain areas of formal and informal communication between competitors or between manufacturers and their suppliers and customers must be avoided, as posing potential antitrust problems.

The Sherman Antitrust Act, the Clayton Act, the Federal Trade Commission Act, and the Robinson-Patman Act comprise the basic federal antitrust laws, which set forth the broad areas of conduct considered illegal as restraints of trade. In general, agreements or understandings between competitors that operate as an impediment to free and open competition are forbidden. Federal antitrust prohibitions forbid any "agreement or understanding...to substantially lessen competition or tend to create a monopoly in any line of commerce." An important point to keep in mind is that communications and discussions between competitors or between sellers and customers, about matters which may be considered anti-competitive, often comprise the evidence from which courts infer antitrust violations. It is the policy of the Post-Tensioning Institute that such agreements, understandings or communications shall not be tolerated at any formal or informal meetings or social events of the Institute.

The general prohibitions contained in the federal antitrust laws, have been particularized in the form of a series of consent decrees, originally entered against a number of member companies of various trade associations and the associations themselves. It is important to note that these laws not only apply to PTI members, but also to PTI itself. Often trade associations have been and are presently co-defendants in cases brought by the Justice Department and the Federal Trade Commission (“FTC”). Recently, the FTC has stated: “Because trade associations are by their nature collaborations among competitors, the Commission and courts have long been concerned with anti-competitive restraints imposed by such organizations under the guise of codes of conduct. Competing for customers, cutting prices, and recruiting employees are hallmarks of vigorous competition. Agreements among competitors not to engage in these activities injure consumers by increasing prices and reducing quality and choice.” Similar “codes” or policies and requirements that encourage directly or indirectly members’ unlawful activity are strictly forbidden by PTI in the course of its business with its members.
SPECIFIC EXAMPLES OF ACTIVITIES AND PRACTICES PROHIBITED
AT ALL PTI MEETINGS AND EVENTS:

Included in activities and practices which are forbidden, and are contrary to the policy of the Institute, both under the general antitrust laws and the consent decrees, subject to the said Business Review Letter, are the following:

- Agreeing to allocate markets, customers or suppliers among competitors, classify certain customers or suppliers being entitled to preferential treatment by manufacturers, and establish geographic trading areas.

- Participating in any plan designed to induce any manufacturer or distributor to sell or refrain from selling, or discriminate in favor of, or against any particular customer or class of customers.

- Agreeing in any manner to fix or otherwise establish bids, prices (including price increases, decreases, standardization or stabilization), profits, costs, contract terms affecting price (such as discounts and credit terms), etc. because, e.g. prices were too low, with the exception of certain resale pricing agreements between manufacturers and retailers or distributors.

- Agreeing in any manner to limit or restrict the quality of products to be produced (e.g., restrictions on selling coated strand to certain customers).

- Participating in any plan which has the effect of discriminating against, or excluding competitors, suppliers or customers.

These examples are provided to guide you in your discussions during formal and informal PTI meetings and social events. If the occasion arises, more specific advice will be provided by legal counsel, who is required by Article IV, Section 7 of the PTI By-Laws to be present at all meetings of the Board of Directors and the Executive Committee.
MINUTES
PTI DC-10A SOG - Structural Subcommittee
October 7, 2015
8:00 a.m. - 10:50 a.m.
Harrah’s New Orleans, LA

Voting Members Present (x of 15)

Homer Parker, Jr., Chair
Dean Read, Vice Chair
Lowell Brumley
Darren Buck
Tony Childress
Kenneth Douglass
Brian Eubanks
Donald Illingworth
Brian Juedes
Jerald Kunkel
Rene Luft
Harley Nethken
Donald Shaheen
Mervin Snowden
Tami Spicer
Miroslav Vejvoda, NV
Amy Dowell, NV

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Texas A & M University
Unintech Consulting Engineers
Option One Consulting Engineers
San Diego State University

Visitors Present

Brian Chartier
Hee Taik Lee
Ryne Stoker
STS Systems
KINS
Geotek

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<tr>
<td>1</td>
<td>Design Problem Parameters</td>
<td>Send design problem setup to task groups</td>
<td>Shaheen</td>
<td>10/12/15</td>
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<tr>
<td>5</td>
<td>6 Beta</td>
<td>Gather additional design examples, Dean to modify PTI Slab for a committee version for members to test limits. WM to review data</td>
<td>Spicer, Read</td>
<td>2/8/15</td>
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<td>A.3 Committee Roster / Changes</td>
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<td>A.4 PTI Antitrust Policy</td>
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<td>A.5 Annual Report</td>
<td>A.5 Complete Committee Annual Report to TAB</td>
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<td><strong>B. Agenda &amp; Minutes</strong></td>
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<td>B.1 Approval of Agenda</td>
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<td>B.2 Approval of Minutes from 4/27/15, 5/5/14 (Meeting ballot required)</td>
<td>B.2 Motion / Second: Read / Childress Result: All-0-0 (Y-N-A)</td>
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<td><strong>C. Actions Taken Between Meetings</strong></td>
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<td>C.1 Letter Ballots (none)</td>
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<td>C.2 Web Meetings (none)</td>
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<tr>
<td><strong>1. Action Item 1: TASK GROUP 1 REPORT</strong></td>
<td>Action Item 1: Plans to TG next week TG web meeting November 16th at 11 am Eastern</td>
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<tr>
<td>1.1 Update on Progress</td>
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<td>1.2 Further assignments</td>
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<td><strong>2. Action Item 2: TASK GROUP 2 REPORT</strong></td>
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<td>1.1 Update on Progress</td>
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<td>1.2 Further assignments</td>
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<td><strong>3. Action Item 3: TASK GROUP 3 REPORT</strong></td>
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<td>1.1 Update on Progress</td>
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<td>1.2 Further assignments</td>
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<td><strong>4. Action Item 4: TASK GROUP 4 REPORT</strong></td>
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<td>1.1 Update on Progress</td>
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<td>1.2 Further assignments</td>
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<td><strong>5. Action Item 5: (Revision/corrections to Standards)</strong></td>
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<tr>
<td>5.1 Limiting maximum length to 6Beta</td>
<td>5.1 Committee to review calculations and propose change to standard. Proposal will be balloted in the subcommittee before going for vote in DC-10.</td>
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<tr>
<td>5.2 Proposed changes to overlapping rectangles in standard</td>
<td>Action Item 5: Tami to gather additional design examples, Dean to modify PTI Slab for a committee version for members to test limits. Committee members to check limits with local soil parameters.</td>
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<td><strong>February 8, 2016 WM to review, vote after to be complete before Long</strong></td>
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<tr>
<td>Beach.</td>
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<td><strong>D. New Business:</strong></td>
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<td>D.1 Committee Participation</td>
<td>D.1 Review committee participation requirements</td>
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<td>D.2 Future committee work</td>
<td>D.2 Study 20% rule</td>
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<td><strong>E. Breakout Sessions</strong></td>
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<tr>
<td>D.1 Task group 1-4 work</td>
<td>D.1 Breakout into task groups to discuss/ finalize/ work product</td>
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<tr>
<td>D.2 Definitions and Symbols</td>
<td>D.2 Assign Task Group for Definitions and Symbols</td>
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<tr>
<td>D.3 Key index phrases</td>
<td>D.3 Assign Task Group for Key index terms</td>
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<td><strong>E. Next Meeting</strong></td>
<td>• Time and date to be announced later</td>
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<td>2016 PTI Convention Days – Long Beach, CA April 24-27, 2016 Web Meetings: November 16, 2015 and February 8, 2016</td>
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<td><strong>F. Adjourn</strong></td>
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**AGENDA / MINUTES EXHIBITS**

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<td>A.5</td>
<td>Committee Annual Report</td>
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</tbody>
</table>
Committee Attendance Sheet

Committee: DC-10A SGA Structural           Date: 10/7/15

Meeting Location: New Orleans

* I have read, understand, and agree to comply with PTI Anti-Trust Policy (attached).

Note to Committee members and visitors: All Committee meetings of the Post-Tensioning Institute should be conducted in a manner encouraging free and open discussion and debate of agenda items and matters properly before that Committee. Committee members and visitors are cautioned that such discussion and debate is solely for the purposes of the Charter of the Committee and PTI business. To that end, Committee discussions and debates are not considered public in nature, and, as such are to be held in confidence and do not become the official policy of PTI until properly reported, balloted, and published pursuant to procedures established by or by the adoption by the PTI Board of Directors. Committee members and visitors shall not quote, publish, use, or make use of, any oral or written drafts, drawings, calculations, or other materials, which are uttered or transcribed during the course of such meetings.

<table>
<thead>
<tr>
<th>#</th>
<th>Name</th>
<th>Company</th>
<th>Voting/Associate/Guest</th>
<th>E-Mail</th>
<th>Policy*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lowell Brumley</td>
<td>Bec-Lin Engr</td>
<td>V</td>
<td><a href="mailto:lbrumley@bec-lin.com">lbrumley@bec-lin.com</a></td>
<td>✔️</td>
</tr>
<tr>
<td>2</td>
<td>Tamara Spicer</td>
<td>Strand Systems Engineering</td>
<td>V</td>
<td><a href="mailto:tamie@strandsystemsc.com">tamie@strandsystemsc.com</a></td>
<td>✔️</td>
</tr>
<tr>
<td>3</td>
<td>Don Shaheed</td>
<td>DPS Engineering</td>
<td>V</td>
<td><a href="mailto:dshaheed@omaly.com">dshaheed@omaly.com</a></td>
<td>✔️</td>
</tr>
<tr>
<td>4</td>
<td>Ryan Stokke</td>
<td>Geotech</td>
<td>V</td>
<td><a href="mailto:rbs@geotechusa.com">rbs@geotechusa.com</a></td>
<td>✔️</td>
</tr>
<tr>
<td>5</td>
<td>Dan Buck</td>
<td>Suncoast PT</td>
<td>V</td>
<td><a href="mailto:dbuck@suncoast-pt.com">dbuck@suncoast-pt.com</a></td>
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<tr>
<td>6</td>
<td>Merv Snowden</td>
<td>Snowden Engineering</td>
<td>V</td>
<td><a href="mailto:msnowden@snowdenengineering.com">msnowden@snowdenengineering.com</a></td>
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<td><a href="mailto:dperalta@unitech.com">dperalta@unitech.com</a></td>
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<td>V</td>
<td><a href="mailto:tchildress@csesglobal.com">tchildress@csesglobal.com</a></td>
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<td>MLAW Forensics</td>
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<td>Brian Chantier</td>
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Committee Attendance Sheet

Committee: SOG - Structural DC-10A  Date: 10/7/15

Meeting Location: New Orleans

* I have read, understand, and agree to comply with PTI Anti-Trust Policy (attached).

Note to Committee members and visitors: All Committee meetings of the Post-Tensioning Institute should be conducted in a manner encouraging free and open discussion and debate of agenda items and matter properly before that Committee. Committee members and visitors are cautioned that such discussion and debate is solely for the purposes of the Charter of the Committee and PTI business. To that end, Committee discussions and debates are not considered public in nature, and, as such are to be held in confidence and do not become the official policy of PTI until properly reported, balloted, and published pursuant to procedures established by or by the adoption by the PTI Board of Directors. Committee members and visitors shall not quote, publish, use, or make use of, any oral or written drafts, drawings, calculations, or other materials, which are uttered or transcribed during the course of such meetings.

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<td>1</td>
<td>Ken Douglass</td>
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PTI POLICY STATEMENT ON COMPLIANCE WITH ANTI-TRUST LAWS

At a meeting on October 8, 1980, the Board of Directors first discussed the Institute’s status and policies regarding compliance with antitrust laws. After review of both the internal and external compliance procedures, the following resolution was approved:

"The staff, officers, directors and members of the Post-Tensioning Institute are reminded that they are required to comply with the spirit and specific requirements of the antitrust laws on all activities within the scope of, and related to, the official functions of PTI. Further, this restated position, along with appropriate explanatory material, should be placed in all meeting folders books periodically, beginning with the 5th of October meeting of PTI."

On July 24, 2012, the Executive Committee authorized Legal Counsel to review and update this Policy Statement in the perspective of the Department of Justice Business Review Letter of July 30, 1997 and current case law. As a continuing guide for your participation in PTI’s meetings, please review and continue to adhere to the following: "Legal Limitation on Discussions at PTI Meetings."

LEGAL LIMITATION ON DISCUSSIONS AT PTI MEETINGS AND EVENTS

A free exchange of ideas on matters of mutual interest to the members is necessary for the success of all meetings. Indeed, such an exchange of views is essential to the successful operation of every trade association and the law specifically allows legitimate exchange of views pertaining to, e.g., quality control, safety, building design and construction integrity, etc.

It is not the purpose of this memorandum to discourage the exploration in depth of any matters of legitimate concern to meeting participants. Nevertheless, to ignore certain antitrust ground rules, either through ignorance or otherwise, is to create a civil and criminal hazard businesses simply cannot afford.

It is for these reasons that PTI provides you with a reminder that certain areas of formal and informal communication between competitors or between manufacturers and their suppliers and customers must be avoided, as posing potential antitrust problems.

The Sherman Antitrust Act, the Clayton Act, the Federal Trade Commission Act, and the Robinson-Patman Act comprise the basic federal antitrust laws, which set forth the broad areas of conduct considered illegal as restraints of trade. In general, agreements or understandings between competitors that operate as an impediment to free and open competition are forbidden. Federal antitrust prohibitions forbid any “agreement or understanding…to substantially lessen competition or tend to create a monopoly in any line of commerce.” An important point to keep in mind is that communications and discussions between competitors or between sellers and customers, about matters which may be considered anti-competitive, often comprise the evidence from which courts infer antitrust violations. It is the policy of the Post-Tensioning Institute that such agreements, understandings or communications shall not be tolerated at any formal or informal meetings or social events of the Institute.

The general prohibitions contained in the federal antitrust laws, have been particularized in the form of a series of consent decrees, originally entered against a number of member companies of various trade associations and the associations themselves.

SPECIFIC EXAMPLES OF ACTIVITIES AND PRACTICES PROHIBITED AT ALL PTI MEETINGS AND EVENTS:

Included in activities and practices which are forbidden, and are contrary to the policy of the Institute, both under the general antitrust laws and the consent decrees, subject to the said Business Review Letter, are the following:

- Agreeing to allocate markets, customers or suppliers among competitors, classify certain customers or suppliers being entitled to preferential treatment by manufacturers, and establish geographic trading areas.
- Participating in any plan designed to induce any manufacturer or distributor to sell or refrain from selling, or discriminate in favor of, or against any particular customer or class of customers.
- Agreeing in any manner to fix or otherwise establish bids, prices (including price increases, decreases, standardization or stabilization), profits, costs, contract terms affecting price (such as discounts and credit terms), etc. because, e.g. prices were too low, with the exception of certain resale pricing agreements between manufacturers and retailers or distributors.
- Agreeing in any manner to limit or restrict the quality of products to be produced (e.g., restrictions on selling coated strand to certain customers).
- Participating in any plan which has the effect of discriminating against, or excluding competitors, suppliers or customers.

These examples are provided to guide you in your discussions during formal and informal PTI meetings and social events. If the occasion arises, more specific advice will be provided by legal counsel, who is required by Article IV, Section 7 of the PTI By-Laws to be present at all meetings of the Board of Directors and the Executive Committee.
PTI DC-10A SOG Structural Subcommittee
Web Meeting Minutes

November 16, 2015, 11:00-11:45 AM EDT

Members Present:
Homer Parker, Dan Buck, Tony Childress, Ken Douglass, Brian Eubanks, Merv Snowden, Fabio Albino de Souza

Staff Present:
Amy Dowell

Web meeting to discuss progress on the SOG User Guide design examples:

Base Design Example:
Don Shaheen was not able to make the meeting, but reported via email that he will send the start of the design to Merv for check. He hopes to have a change to continue the work on this example closer to the holidays.

Western US Design:
No update

Dallas Design:
Tony Childress reported that the first draft of the Dallas design is completed. During his review, a few missing design assumptions were missing. The group agreed to add the following assumptions to those previously circulated from Don Shaheen:

- Additional assumptions:
  - $f_{c'} = 3,000$ psi
  - Brick facade with L/480 and L/960 for deflection
  - Minimum allowable prestress of 100 psi.

A preface to the chapter on design examples will be added to list and explain the common assumptions. An explanation of the use of 100 psi as the minimum allowable prestress will be included to explain that this is not the code minimum, nor should it be interpreted as standard of care. It is simply used to illustrate that different values can be chosen based on engineering judgement and regional practice.
Design Problem Action Plan:

Mid-January – Design examples completed and checked. Send to Amy for compilation and distribution.

Next web meeting Monday, February 8, 2016 – 11 a.m. Eastern: final review of design examples prior to ballot.

March: Subcommittee ballot of three design examples.

April 24-26, 2016 – PTI Convention, Long Beach, CA.
PTI DC-10A SOG Structural Subcommittee
Web Meeting Minutes

November 16, 2015, 11:00-11:45 AM EDT

**Members Present:**
Homer Parker, Greg Axten, Dan Buck, Tony Childress, Ken Douglass, Brian Eubanks, David Peralta, Ilia Sarad, Don Shaheen, Merv Snowden, Tami Spicer,

**Staff Present:**
Amy Dowell

**Web meeting to discuss progress on the SOG User Guide design examples:**

**Base Design Example:**
Merv has reviewed the base design example and forwarded the review.

**Western US Design:**
Homer will review.

**Dallas Design:**

Tony Childress reported that the first draft of the Dallas design is completed and checked by Merv.

The committee agreed to use Tony’s program to run all three examples for consistency. This format will be published.

**Additional items needed to tie up the User Guide:**
A task group will be assembled in Long Beach to review the use of symbols throughout the book and to create a list of symbols and definitions.

**Discussion about the 6β distance**

- Merv has a proposal to be presented in Long Beach
- Homer suggests a cap in the value and the application of a reduction factor. He will present the proposal in Long Beach.
- Tony suggests a moment based on the primary rectangle. He will present the proposal in Long Beach.

**Next meeting**
April 24-26, 2016 – PTI Convention, Long Beach, CA.