



Seismology & Structural Standards Committee  
Structural Engineers Association of Northern California

Time: 5:30 – 7:00 pm  
Date: Tuesday, May 27, 2008  
Location: *DeSimone Consulting Engineers*  
160 Sansome Street, 16<sup>th</sup> Floor  
San Francisco, CA 94104  
and on Webex

## MEETING MINUTES

Chair: Andy Fennell  
Vice-Chair: Nicolas Rodrigues  
Past-Chair: Mark Moore

### In Attendance:

Nic Rodrigues (NR)	<a href="mailto:Nrodrigues@de-simone.com">Nrodrigues@de-simone.com</a>	415-398-5740
Whitney Morris (WM)	<a href="mailto:Wmorris@de-simone.com">Wmorris@de-simone.com</a>	415-398-5740
Lorraine Young (LY)	<a href="mailto:lyoung@de-simone.com">lyoung@de-simone.com</a>	415-398-5740
Andy Fennell (AF)	<a href="mailto:Andy.sclabs@earthlink.net">Andy.sclabs@earthlink.net</a>	925-323-8920
Mark Moore (MM)	<a href="mailto:Mmoore@forell.com">Mmoore@forell.com</a>	415-268-3018
Bill Andrews (BA)	<a href="mailto:bandrews@walterpmoore.com">bandrews@walterpmoore.com</a>	415-963-6300
Geoff Bomba (GB)	<a href="mailto:geoff@forell.com">geoff@forell.com</a>	415-837-0700
Gary Mochizuki (GM)	<a href="mailto:Gary@structsol.com">Gary@structsol.com</a>	925-938-3303
Jasper Chau (JC)	<a href="mailto:Jchau@de-simone.com">Jchau@de-simone.com</a>	415-398-5740

### via Webex

Patxi Uriz  
Doug Hohbach

## 1. Chairs Announcements:

- 1.1. The next meeting will be next June, 24th.
- 1.2. The Online Blue Book will be released in a print version for the SEAOC Convention this September. The committee discussed how the membership may receive this document.

## 2. Past Meeting Minutes Review

- 2.1. March's meeting minutes were reviewed. No changes. March minutes were approved.

### **3. State Seismology Recap/Blue Book Update**

- 3.1.** At the last State Seismology meeting the future of the Seismology Blue Book was discussed at length. One direction the state could go is to continue the online Blue Book in its current form. Another direction could be to write journal articles for the regional newsletter and other (national) publications on whatever topics are important to the state committee.
- 3.2.** The Northern Region is working on various BB articles. AF is completing the final review on a wood overview article. NR and MM are tasked with writing a BB article pertaining to the state of practice in tall building design. NR will be working with Ryan Kersting of the Central Section on a BB article discussing collector design in concrete slabs. All articles are subject to review and comment by the State Committee prior to publication this September. All articles are due by the end of June.
- 3.3.** The State Seismology Committee created Ad Hoc committee on High Strength Concrete and the new ACI publication ITG-4.3R-07 is underway. The Ad Hoc group is charged with reviewing this new publication as concerns have been raised regarding the apparent reduction in confinement requirements. NR of the Northern Region is chairing the newly formed Ad Hoc Committee.
- 3.4.** The state light frame subcommittee has been active. The applicability of ACI Appendix D for light gage construction has come under some level of scrutiny. The main State Seismology committee has suggested that SEAOC do their own testing for the typical cases to determine how sensitive the system behavior is to the anchorage. The state committee discussed at length and determined that any testing would be done at the component level. A test type and procedure was vetted and plans are underway to complete a series of tests in the next three or so months. Simpson has offered the use of their testing labs. BA suggested discussing the test procedure with DSA prior to beginning the tests. GM is to follow up with this suggestion.

### **4. Subcommittee reports**

- 4.1.** Light Frame (wood): A prescriptive cripple wall retrofit procedure was published by the Tri-Chapter with input from the SEAONC light frame subcommittee. IBC chapter 34 was discussed during the last subcommittee meeting. The issue is, when is the amount of damage, from fire, a car running into a structure, etc, great enough to warrant the structure be brought up to code. AC 155 document from the state light frame subcommittee is now available.

- 4.2.** Steel: A BB article on OCBF's/SBCF's was discussed. Issues related to different b/t ratios for all types of shapes would be included in the article. The article could also include references to recent testing. The deadline for an article would be June 10<sup>th</sup>. The steel subcommittee has also been closely watching the information coming out of DSA with regards to the seam welds of HSS tubes. It has been found that as many as seven different mills have produced HSS sections which do not totally conform to seam weld standards.
- 5. New Business / Open discussion**

  - 5.1.** Geoff Bomba was asked to serve as Vice-Chair for the upcoming 2008-2009 year.
  - 5.2.** Next meeting is scheduled for June 24th, 2008 from 5:30 to 7:00 at DeSimone Consulting Engineers 160 Sansome St. in San Francisco and on WebEx.

Respectfully Submitted,

Andy Fennell  
Chair 2007-2008