



Seismology & Structural Standards Committee
Structural Engineers Association of Northern California

Time: 5:30 – 7:00 pm
Date: Tuesday, June 24, 2008
Location: *DeSimone Consulting Engineers*
160 Sansome Street, 16th Floor
San Francisco, CA 94104
and on Webex

MEETING MINUTES

Chair: Nicolas Rodrigues
Vice-Chair: Geoff Bomba
Past-Chair: Andy Fennell

In Attendance:

| | | |
|---------------------|----------------------------|--------------|
| Nic Rodrigues (NR) | Nrodrigues@de-simone.com | 415-398-5740 |
| Geoff Bomba (GB) | geoff@forell.com | 415-837-0700 |
| Gary Mochizuki (GM) | Gary@structsol.com | 925-938-3303 |
| Jasper Chau (JC) | Jchau@de-simone.com | 415-398-5740 |
| Bryan Corthnik | bcortnik@hohbach-lewin.com | 650-617-5930 |
| David McCormich | dlmccormich@sgh.com | 415-343-3032 |
| Scott Adan (SA) | smadan@sgh.com | 415-495-3700 |
| Mohamed Talaat | mtalaat@sgh.com | 415-495-3700 |

via Webex

Mulugheta Belay
Kevin Moore
James Lai
Patxi Uriz
Doug Hohbach

1. Chairs Announcements:

- 1.1. New Vice-Chair is Geoff Bomba from Forell/Elsesser.
- 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. State Seismology Recap/Blue Book Update

- 2.1.** Loose-leaf Blue Book articles will be available in September and online. Many previous white papers/BB articles written by this committee have gone unpublished. NR noted that there should be a push to publish these papers.

3. Discussion of Charges of upcoming year, 2008-2009

- 3.1.** Re-establish Seismology Committee as the go-to committee for code questions and technical information. NR recommended that Seismology create a list server to allow questions for members to post questions and answers about current issues. SA noted that the public should have access to this information. It was generally agreed that member questions will be the first priority, due to lack of resources. Also, the focus will be on producing white papers and Blue Book articles and re-engage people working at the State Level to discuss issues at future meetings to set up Ad-hoc committees or to share information. Seismology would like to establish a connection with the ATC-63 Project with Professor Deierlein at Stanford.

4. Subcommittee reports

- 4.1.** Light Frame (wood): GM Presented recent developments in the Light Frame Committee Testing of Anchor Bolts. There has been a continuing concern with ACI 318, App.D, especially with regard to light frame structures and sill bolting. These recent tests showed that, for example, a 2x sill plate with 5/8" DIA J-bolts will have roughly 9000# capacity in shear and the ACI App. D predicts 300#. Preliminary tests were done in the past month were to observe behavior of the construction in question and establish a protocol for further testing. SEAOC will be performing tests soon, at the Simpson labs, based on recommendations of this informative testing by the light-frame committee. Special thanks to Andy Fennell and SCL for providing materials and testing. GM's presentation is available on the Seismology website, which contains some great photos, videos, test data, conclusions, and recommendations for future work. See the July issue of the Newsletter for a great summary by GM.

4.1.1. GM attended a workshop on the SAP/Wood program that models wood structures nonlinearly.

- 4.2.** Steel: A BB article on SBCF's was discussed. PU stated that the committee has been focused on finishing the BB article on CBFs. The article was sent to the southern chapter, and the North is awaiting their response. KM stated that the BB article must be sent to the state level for review in three weeks, preferably two.

5. New Business / Open discussion

- 5.1.** Next meeting to be held on July 22.

Respectfully Submitted,

Nicolas Rodrigues
Chair 2008-2009