



Structural Engineers Association of
Southern California

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SEAOSC

NEWS

Founded in 1928

Vol. 12 December, 2001

President's Message

Licensing and certification of the structural engineer is the subject of the December Dinner Meeting. This subject is considered to be the most important issue in the SEAOC Strategic Plan developed last spring. Much has been written and discussed during the past few years on this subject. However many of our members still find the difference between licensing and certification confusing. Many ask "why certification?"

Most of us, including SEAOC and the National Council of Structural Engineers Associations (NCSEA), have been advocates of a separate practice act for structural engineering registration in all states. For many strange reasons, not everyone agrees with the separate structural licensing act. In fact, in some states, the licensing boards are against such licensing.

About one year ago, the idea of a professional certification program

(Continued on Page 11)

L.A. Dinner Meeting

Wednesday, Dec. 5

Program: NCSEA Certification Committee Progress Report

Speakers: Bill Warren, S.E., Structural Engineering SOLutions, and Greg Brandow, S.E., Brandow & Johnston

Location: Luminarias Restaurant, 3500 Ramona Blvd., Monterey Park

Menu: Prime rib. (Vegetarian meal available if requested by Noon, Dec. 3)

Time: Social hour: 5 p.m.

Dinner: 6 p.m.

Program: 7 p.m.

Cost: \$24 (Full-time undergraduate students \$10)

(See blue insert for reservation form and details.)

Practical Design & Detailing Seminar Dec. 12

A Practical Design and Detailing Seminar will be held Wednesday, Dec. 12 at the Costa Mesa Country Club from 3 to 5 p.m. Topics: "Special Inspection for Steel Construction – What Engineers Should Know" by Ray Green, Consolidated Inspection and Engineering Group; "SEAOSC Recommendations for Engineers on Steel Materials, Welding, Fabrication and Inspection" by Peter Maranian, Brandow & Johnston, and Daniel Luna, City of Los Angeles; and "Search and Rescue at the World Trade Center" by Roy Van Orden, City of Los Angeles Building & Safety, Van Nuys Division.

(See peach insert in this newsletter for details.)

Orange County Dinner Mtg.

Wednesday, Dec. 12

Program: Selecting Structural Systems for Steel Projects

Speaker: Dan Allwardt, Rob Fecarota, and Bill Thorpe, KPFF

Location: Costa Mesa Country Club

Menu: Buffet

Time: 5 p.m.: Social hour

6 p.m.: Dinner

7 p.m.: Program

Cost: \$24 (Full-time undergraduate students: \$10)

(See orange insert for reservation form and details.)

December Calendar

| | | | |
|----|--------|--------------------------------------|--------------------------------------|
| 5 | 3 p.m. | Board Meeting | Luminarias Restaurant, Monterey Park |
| | 5 p.m. | L.A. Dinner Meeting | Luminarias Restaurant, Monterey Park |
| 8 | 6 p.m. | SEAOSC Auxiliary Holiday Party | The Jonathan Club, Los Angeles |
| 11 | 2 p.m. | Quality Assurance Committee Mtg. | SEAOSC Offices, Whittier |
| | 4 p.m. | Existing Buildings Committee Mtg. | SEAOSC Offices, Whittier |
| 12 | 3 p.m. | Practical Design & Detailing Seminar | Costa Mesa Country Club |
| | 5 p.m. | Orange County Dinner Meeting | Costa Mesa Country Club |

NEW MEMBERS

SEAOSC welcomes its newest members:

Chang, Shih-Po, Associate, Ove Arup & Partners California, Los Angeles

El-Khoury, Phoenix, Member, L.A. County Dept. of Public Works, Alhambra

Gouvis II, George, Member, OCI Associates Inc., Newport Beach

Hughes, Sean, Member, Wickstrom & Associates Inc., Laguna Hills

Kempton, Justin, Member, Kleinfelder, Inc., Diamond Bar

Lau, Janelle, Member, David C. Weiss, S.E., & Assoc., Woodland Hills

Lee, Larry, Associate, Correia Consulting & Design, Huntington Beach

Lillback, Chris, Member, Southwest Geotechnical Inc., Van Nuys

Nadasdi, Kristol, Associate, Correia Consulting & Design, Huntington Beach

Pasqual, Michael, Member SE, Ed Creswell Structural Engineers, Bakersfield

Pons, Hector, Associate, Jax Kneppers Associates Inc., Newport Beach

Riddell, Michael, Associate, Englekirk Partners, Los Angeles

Oh, Steven Shih-Hao, Member, Degenkolb Engineers, Los Angeles

Skinner, Molly, Associate, KPFF Consulting Engineers, Irvine

Urban, Grant, Industry Member, TXI-Pacitif Custom Materials, Ontario



Lehmer, Johnson Named SEAOC Fellows

SEAOSC Honorary Members Gerry Lehmer, S.E., Gerald Lehmer & Associates, and Carl Johnson, S.E., Johnson & Nielson Associates, were inducted into the SEAOC College of Fellows Sept. 28 at the 2001 SEAOC Convention at Loew's Coronado Bay Resort in San Diego. The award was given during the annual business luncheon.

engineer as well as served in a leadership position in SEAOSC. Gerry served as SEAOSC President 1986-87 and Carl in 1967.

Also named Fellows were Eric Elsesser and Ron Hamburger, SEAONC; Bob Burkett, SEAOSD; and Ken Luttrell, SEA OCC.

SEAOC Fellows have demonstrated outstanding skills and professional achievement as a structural

President's Message Continued From Page 1

started to gain support from engineers across the nation. The certification program is not a new idea. It already exists in the medical, law and other professions. A certification program is usually self-administered through a professional association. For example, SEAOC could act as the administrator for such a program here in California. Of course, a national certification program would have the advantage of uniformity from one state to the next; hence, working through a national organization would more broadly impact the issue. This is why NCSEA and ASCE/SEI both are interested in setting up such a program at the national level. To date SEAOC has supported the NCSEA efforts to develop and organize a national structural engineering certification program. It is very important that the certification program be developed as a national program if it is to be a viable agenda for our profession.

SEAOC COMMITTEE

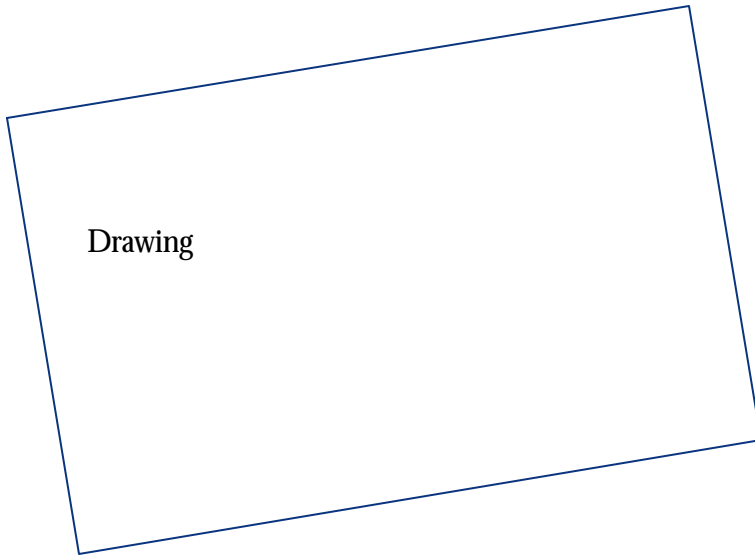
SEAOC has formed the Registration and Certification Committee, and Bill Warren, of SEAOSC,

chairs this committee. Bill and John Shipp, also of SEAOSC, have been the two representatives from SEAOC to the NCSEA Professional Certification Committee. This committee met in October of this year. Obviously, the forming of a national certification program is a difficult task. Some of the issues involved are education, continuing education, work experience, examinations, policing and self-regulation, grandfathering, etc. A great deal of work is required to produce such a program. Just coming to a consensus that a certification program is needed is a major step to be achieved. However, the first steps have been taken by SEAOC and NCSEA to seriously consider such a program.

CERTIFICATION OFFERS CONTROL TO PROFESSION

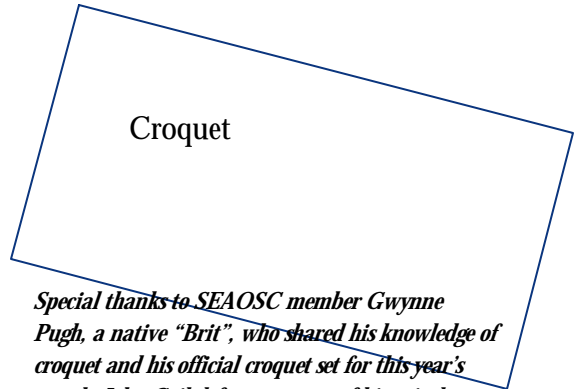
Certification would not replace licensing, but it would allow the profession to develop its own standards of practice and allow us means to police ourselves. Remember that licensing would still be regulated by the individual state, and that certification would not be required to legally practice structural design.

SEAOC Convention 2001



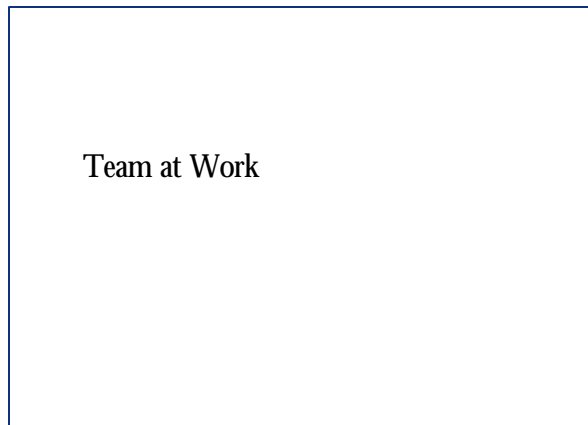
Drawing

This year's President's Cup Race between the four state SEA chapters involved reading a drawing and building a catapult. Thank you to Dave Bertrand and SEAOSD for this great drawing



Croquet

Special thanks to SEAOSC member Gwynne Pugh, a native "Brit", who shared his knowledge of croquet and his official croquet set for this year's match. John Coil, left, croqueteer of historical renown, ably assisted him. Betsy Wilkerson, SEAOSD, right, receives instructions.



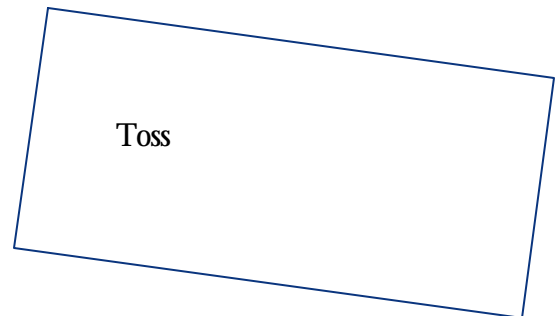
Team at Work

SEAOSC's President's Cup team at work constructing the catapult. From left: Vicki Covert, Dan Novak (hidden), Janah Risha, Howard Silverman, David Pomerleau and Amer Soudani, "advisor".

SEAOSC won, of course, and posed for this "official photograph." David Pomerleau, Orange County Program Chair; Dan Novak, President-Elect; Janah Risha and daughter/assistant; Vicki Covert and Howard Silverman, loyal team members.



Official Photo



Toss

What's a President's Cup without throwing the SEAOC President into the pool? Rawn Nelson, left, prepares the body toss of Bob Hendershot while Dan Novak checks out the splash of previous "tossee" Mel Green, SEAOC President-Elect. Shafat Qazi, Webmaster extraordinaire, keeps his distance, far right.

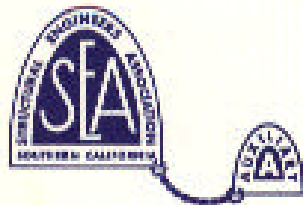
Members Honored by L.A. Chamber of Commerce

Andrew Adelman, SEAOSC Member and General Manager of the City of Los Angeles Department of Building and Safety, was honored by the Los Angeles Area Chamber of Commerce at its 66th annual Construction Industry Awards Luncheon Oct. 10 at the millennium Biltmore Hotel.

Adelman's award was for "outstanding work in achieving in a short time what others could not accomplish in a lifetime".

Other honorees at the ceremony attended by over 600, included SEAOSC Member SE Robert

Englekirk, founder of Englekirk Partners, and Paul Matt, CEO of Matt Construction (SEAOSC Industry Member: Steve Matt). The late John Ferraro, long-time president of the L.A. City Council, was also honored.



SEAOSC Auxiliary Corner

YEAR-END WRAP UP BY LILY BRUCE

The year 2001 has been a very successful year for the Structural Engineers Auxiliary. A number of activities have been held and more gatherings and programs are being planned for the future.

The Auxiliary has been particularly supportive of SEAOSC's structural engineering student scholarship program for many years, and this year was no different. At the February SEAOSC Dinner Meeting, Nancy Cochran and Diane Thompson presented a number of scholarships to outstanding engineering students of area universities and colleges. A special thanks to both Nancy and Diane for the time and effort they have provided in this very worthy and important program.

The Auxiliary enjoyed an informative and pleasant day touring California Institute of Technology in Pasadena and a luncheon in the Athenaeum. We also

had a marvelous time at a summer party that was held at the home of John and Ann Coil. Thank you both for opening your lovely homes to us. In November, a group attended the "Follies" performance in Palm Springs with a follow-up dinner at the Cedar Creek Inn.

Our annual holiday gathering at the Jonathan Club is coming up shortly. Hopefully we will see both familiar and new faces at this great and fun affair.

The Auxiliary is always looking for new members. We would love to meet any spouse of a SEAOSC Member, and we think you will find the Auxiliary an interesting group of the engineers' other halves. Please call Millie Stockinger, Auxiliary President, at (909) 595-0840 or Judy White, Membership Chair, at (760) 806-1261 for information about this group. Hope to see you in the Auxiliary!

Advertisements

Small, growing branch office seeks personable, ambitious structural engineer with five years experience in structural/seismic building design. P.E./S.E. preferred. Commercial, retail projects nationwide; CMU, tilt-up building experience a plus. Resume to Wallace/SC, Inc., 12 Journey, Suite 200, Aliso Viejo, CA 92656, Attn: Christopher Harris; email: cmh@wallacesc.com; Fax (949) 448-9006.

Li & Associates, Thousand Oaks, has openings for senior engineer, designer and drafter. Applicant must have three years design experience in steel, concrete, wood and masonry. Industrial, commercial and school experience is required. Firm provides excellent compensation and opportunity to grow. Call Joe at (805) 495-3432. Fax resume to (805) 495-4083.



Next SEAOSC
Newsletter
deadline
Nov. 28

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Structural Engineering Review Manual, 2001 Edition

The most comprehensive SE review manual, Edited by Ben Yousefi, SE and James Son, SE, just got upgraded to the **1997 UBC**. The manual (approx. 600 pages) contains complete problem statements and solutions (except LRFD and bridge) for the California SE exam years 1990-1995 (six years).

Problem statements and solutions have been extensively modified to reflect the new 1997 UBC provisions for such items as: **strength level base shear, redundancy, overstrength, load combinations, non-structural components, anchorage, concrete torsion and shear wall design, and steel moment connections per FEMA 350 guidelines.**

The manual, currently in its eight year of publication, is mainly intended for engineers preparing to take the SE exam. However, it is also a useful reference for a methodical approach to solving many types of practical engineering problems encountered by engineers on a daily basis. Applicable codes and text books, referenced by section and page number for each step of the calculations, substantially increase the efficiency for users.

In addition to the main manual a **brand new supplement** (approx. 100 pages) is also available this year covering 18 new problems in all areas . The cost for the main manual is \$175 and for the supplement is \$45; plus applicable taxes, shipping and handling. For more information, or an order form please call BYA publications at 800-566-2906 or contact us by email at byainc@aol.com.

SHA Coffman

Myers Houghton

President's Message (Continued From Page 3)

However, if a certification program was properly developed and effected, it could be an additional statement of the engineer's skills and qualifications to help the client select a qualified structural engineer. In fact, certification would come to be more meaningful than a license in determining the qualifications of the structural engineer. A goal of the certification program is to have the state licensing boards accept NCSEA/SEAOC certification to grant a license to practicing structural engineers.

A MAJOR ADVANTAGE

One of the major advantages of a national structural engineering certification program would be the uniformity of determining which structural engineers are qualified to practice on what type of structures



throughout the nation. SEAOC, working through NCSEA, has taken a very active role in developing such a model program. You are invited to express your thoughts and concerns about such a program to Bill Warren and John Shipp. They need your input on this important issue regarding the future of structural engineering.

I would like to remind you that the SEAOSC Board of Directors meets monthly at Luminarias Restaurant. Except on special occasions such as Spouses' Night, the Board meeting is held from 3 to 5 p.m. before each Dinner Meeting. Board meetings are open to the membership. If you wish to address the Board, please notify the SEAOSC Office in writing so we can include you on the agenda.

HOLIDAY PARTY

Please see the insert found in this Newsletter regarding the SEAOSC Auxiliary Holiday Party at the Jonathan Club. This is a grand party, and we would like to see you there. Note that this is special party for members of the Auxiliary only, but I know they are looking for new members and would like to have your spouse join. Be sure to let your spouse know about the Auxiliary.

Finally, on behalf of the Board of Directors and the Staff of the SEAOSC Office, we wish you a very joyful Holiday and a happy and prosperous New Year.

Jack Bruce
President

2000 - 2001 SEAOSC Officers and Committee Chairs

Get involved! Members and interested parties are invited to join a SEAOSC committee. Contact the chairperson for information on current projects and meeting times, dates and locations.

SEAOSC Officers & Board Members

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| President | Jack Bruce* | 213-897-4092 | 213-897-3159 | jack.bruce@dgs.ca.gov |
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| Treasurer | Richard Hess | 714-828-1365 | 714-236-4034 | rlhess@hesseng.com |
| Secretary | George Battey III | 909-824-7210 | 909-824-7209 | gbattey@eee.org |
| Immediate Past President | James Hill* | 805-461-1947 | 805-461-1947 | calse@aol.com |
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| | Michael Cochran | 310-207-6638 | 310-207-6188 | mlcse@aol.com |
| | Saiful Islam | 626-304-2616 | 626-304-2676 | saiful@sbise.com |
| | Martin Johnson | 714-734-4242 | 714-734-4272 | mwj@eqe.com |
| | Mike Mehraïn | 213-996-2378 | 213-996-2375 | michael_mehraïn@urscorp.com |
| | Amer Soudani | 626-962-8751 | 626-814-1187 | amers@hansonspancrete.com |
| | Howard Stup | 805-642-0500 | 805-642-0090 | hfsa@west.net |
| | Melvyn Green* | 310-792-9252 | 310-792-8092 | mgreenassoc@earthlink.net |

Committee

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| Building Code | Warren Minner | 661-324-9724 | 661-324-3416 | minner@igalaxy.net |
| Business Forum | Ike Ikeda | 213-744-1414 | 213-744-1515 | hbl@johnmartin.com |
| Certification | Williston Warren | 949-722-0185 | 949-722-0661 | bill@sesol.com |
| Computer Applications | Shafat Qazi | 310-530-3050 | 310-530-0184 | shafat@bqe.com |
| Convention | Doug Thompson | 949-599-0320 | 949-599-0325 | doug@stbse.com |
| Disaster Emergency Services | Sandy Pringle | 310-787-8811 | 310-787-8833 | sandy@pringleassociates.com |
| Existing Buildings | Vahe Petrossian | 818-500-1200 | 818-500-1242 | wartetr@netscape.net |
| House | David Corman | 714-505-2751 | | dcorman@ttengineers.com |
| Legislative | David Weiss | 818-224-3973 | 818-224-3922 | n/a |
| Membership | Juan Carlos Esquivel | 626-304-9371 | 626-304-9371 | jceqese@earthlink.net |
| Professional Practice | Les Tso | 626-441-1211 | 626-411-1011 | n/a |
| Program | Larry Brugger | 213-977-6446 | 213-977-6468 | lbrugger@ladbs.lacity.org |
| | David Pomerleau | 949-474-0502 | 949-474-1801 | dpomerleau@fwcse.com |
| | Howard Stup | 805-642-0500 | 805-642-0090 | hfsa@west.net |
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| Quality Assurance | Cecil Teoh | 213-367-8839 | 213-367-8823 | cecil.teoh@water.ladwp.com |
| Research | Farzad Naeim | 213-483-6490 | 213-483-3084 | farzad@johnmartin.com |
| Seminar | Dan Novak | 626-683-0066 | 626-683-0060 | dan.novak@ttisg.com |
| Seismology | Bob Lyons | 213-484-8950 | 213-483-5550 | rlyons@bjase.com |
| Speakers Bureau | Herb Stockinger | 909-595-0840 | 909-598-9204 | herbstock@aol.com |
| Steel Structures | Peter Maranian | 213-484-8950 | 213-483-5550 | pmaranian@bjase.com |
| | Yeuan Chou | 213-368-7258 | 213-368-7227 | n/a |
| Younger Member | Jason Tani | 805-499-4484 | 805-499-7303 | jtani@ix.netcom.com |
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