

SURVEY NOTES

Volume 8 Issue 02

February 2002

CALIFORNIA LAND SURVEYORS ASSOCIATION, SAN DIEGO CHAPTER

P.O. BOX 85152, MAIL BOX 261, SAN DIEGO, CALIFORNIA 92186-5152

sd-surveyors.org

Wednesday, February 20th

Guest Speaker:

Chuck Safford - LS. 3145 (retired), Mentor, Surveying Professor, Gentleman

Charles Safford, Jr. is a former Chapter President and one of the original founding members. Many of us started out in our Surveying career by attending his courses on Surveying which were part of the Apprenticeship program at Mesa College in the mid-1970's. Chuck was an intelligent and patient teacher whose instruction did make a difference in our lives. We heartily welcome Chuck as one of the "greats" in Surveying. Subject will be changes in surveying over the past forty years, and about retirement.

Holiday Inn

Stadium / Mission Valley

3805 Murphy Canyon Road

San Diego (858) 277-1199

6 p.m. Social/Networking

6:30 p.m. Dinner

7:30 p.m. Program

Please call by 1:00 Friday, Feb. 15

Leave your name with Steve Martin

Email is preferred: smartipw@co.san-diego.ca.us

Or: 858 694-3161

Those who don't call ahead cannot be guaranteed a meal.

Dinner Buffet - \$23.00

Chicken Breast Cacciatore

Lasagna Primavera

Tortellini Marinara

Classic Caesar salad

Marinated Mushroom Artichoke Salad

Herb roasted red potatoes

Rolls and butter

Desert table

Coffee & Tea

Price includes tax & tip

GENERAL MEETING – January 16, 2002

The January meeting was held at Karl Strauss Brewery Gardens. Mike Hart of Allen Instruments generously hosted happy hour.

After dinner, Allan Wake called the meeting to order.

Jeff Hamilton's presentation of the Trimble Virtual Reference Station (VRS) System was presented by Mike Hart. VRS is at the frontier of GPS. GPS observations are taken from a network of reference stations which are tied together. Centimeter accuracy can be achieved with just a rover and no base station. A cellular phone is used to dial in to the central server. The server automatically receives position information, applies corrections and determines the rover's position. The network provides an instantaneous solution from a synthesized solution. The whole package costs approximately \$100,000 and good cellular coverage is required. If any further information is desired, contact Jeff. Mike is now known as 'I dunno, this is Jeff's presentation'.

President's Report

Thanks for the support of all: Steve and Annie have stepped up to the plate with the responsibilities of their positions. Dave Ambler has not embezzled any money, we think, although its kind of funny that past Treasurer Steve is now in Hawaii while Dave sorts out the books (shades of Enron?). Dave Viera, Armand, Loni, Jack, Jas and Scott keep us on an even keel with their depth of knowledge and procedure. Mike Butcher adds extra thought into carrying out our decisions with the care and concern that your membership deserves. Don Woolley has organized the LS review: when the LS candidates pass the test, they will owe him, Vance Breshears and the other instructors a huge depth of gratitude. At next month's Executive meeting, to be held March 6, 5:00 at Hunsaker & Associates, we would like to re-group with all the Committees. Some Committees need members and Chairs. Please attend if you are interested in being involved and helping the Chapter – your participation is needed and appreciated. One new Committee that we would like to form is the by-laws Committee.

Vice - President's Report

Steve Martin asked for any input for possible future speakers.

Treasurer's Report

Dave Ambler reported that the general fund has \$1059 and the education fund has \$3164.

Secretary's Report

Anne Hoppe reported that the next executive meeting is 6 February at Giovanni's.

Chapter Representatives

Jack Roth stated that the representatives will meet 19 JAN in Ontario. Mike Butcher, Jas Arnold and himself will be attending. Lonie will be in Big Bear. The July meeting may be in San Diego.

New Business

Allan Wake reported that Victor Ross will receive the \$1000 scholarship at the CSU Conference.

Old Business

Allan presented Beth Swersie her proclamation as Chapter Sweetheart.

Meeting was adjourned.

EXECUTIVE BOARD MEETING 6 FEB 2002

Attending: Allan Wake, Dave Ambler, Dave Viera, Scott Hurst, Mike Butcher, Don Woolley, Jas Arnold, Armand Marois, Anne Hoppe

Presidents Report

Allan called the meeting to order at Giovanni's restaurant.

- Kitty has distributed the newsletter for 4 years. Kitty will receive a gift certificate to P.F. Chang's for her dedication.
- Jack Sands passed away. He contributed greatly to the Chapter via the Education Committee prior to his accident. The Chapter will make a donation or send flowers. Annie will follow up to see what is desired of the family.
- The Curtis Brown scholarship was discussed. Jas distributed applications at the CSU Conference. He will send applications to CalPoly and Palomar colleges. No completed applications have been received yet.

Vice President's Report

Steve emailed prior to leaving for Hawaii. Wasn't he the previous treasurer? The next general meeting will be 20 FEB 02 at the Holiday Inn, near Aero Drive. Chuck Safford will present us with "Surveying in Retirement". Future speakers will be: Dan Harrison in March presenting some interesting problems in local Surveying history; Mike Duffy will give a presentation in April regarding the planned commemoration in October and November of the 150th Anniversary of the San Bernardino Mountain Initial Point. This will be taped for a Television show, California Gold hosted by Hew Howser. There will be a free picnic and celebration, however donations are needed soon to defray the promotion costs. So take a look at your corporate marketing budget. The speaker for May will be our NGS State Advisor, Marti Ikehara who will talk about the Calibration base line program. June we usually do a Tailgate party at the ball game, so I will be checking for interest in that. The September meeting will be a joint meeting with Orange County Chapter (Train Trip!) and Andrea Johnson of BAE Systems - Mission Solutions will give a presentation on "Detecting Airfield Vertical Obstructions Using Digital Photogrammetry and GIS". That's it so far. If anyone has any preferences on locations and additional speakers, give me a call at (858) 694-3161 or Email smartipw@co.san-diego.ca.us

Treasurer's Report

Dave reported: Education fund \$ 4614.81
General fund \$ 2788.41 Education CD \$ 3376.61

Secretary's Report

Minutes were approved for the JAN 02 general meeting.

Education Committee

Armand discussed the CLSA Education Foundation scholarship. He is typing up the guidelines. He recommended that the Chapter scholarship timeline coincide with the dates of the Foundation's scholarship. He has received 3 applications at this time for the General (on-going) Scholarship. They will be reviewed and a recommendation will be made to the Board via email. The results will be announced at the general meeting. A letter was received from Victor Ross, scholarship recipient. He sent a letter to the Chapter saying: Thank you for your scholarship donation of \$1000.00 that was awarded to me at the 41st Annual Geomatics Engineering Conference held in Fresno, California. The cost of higher education is very expensive these days, but with the generous support of organizations such as yours the cost is alleviated and I am able to continue my education. I am currently attending CSU Fresno and majoring in Geomatics engineering. Once again my sincerest thanks. Respectfully, Victor Ross.
See inserted CSU Fresno Conferences notes and pictures.

Chapter Representatives

Scott and Mike discussed the topics of the State CLSA meeting. See the topics in the newsletter.

GIS Committee

No report.

JPPC

No report.

Membership Committee

Dave reported that we have 24 paid members for 2002.

Old Business

-Allan will contact Paul Nasland to purchase Buck knives for the conference.

-Armand is driving to the conference. If anyone needs anything driven up, he will take it. This is a perfect opportunity to make donations for the auctions such as instruments. For some donations, your name may be included on the CLSA web-site. Also volunteers are needed to staff the CLSA booth. For more information check the CLSA web-site or contact:

Dorothy C. Calegari, Executive Director CLSA

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New Business

-The Board has requested that the number of people who attend the general meetings be supplied to them. Dave A. will supply the number.

-We will make a donation of \$500 from the Education fund for the student assistants at the conference.

-The next executive board meeting will be held at Hunsaker and Associates, 6MAR.

- Due to the persistent efforts of Mike Butcher, CLSA now has an indexed version of the Subdivision Map Act, offered by CLSA at a substantial savings compared to another organization.

Newsletter

Articles are encouraged for publication in the newsletter. Send reports and articles are to Allan Wake by the first Friday of the month. Please email to awake@SanDiego.gov and at akw@cox.net.



San Diego Chapter
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2002 Officers

Allan K. Wake. P.L.S.

President (619-446-5309)

Steve Martin, P.L.S.

Vice-President (858-694-3161)

David Ambler, P.L.S.

Treasurer (858-558-4500)

Anne Hoppe, P.L.S.

Secretary (619-446-5248)

Jake F. Roth II, P.L.S.

Representative (858-576-9200)

Lonie Cyr. P.L.S.

Representative (858-614-5000)

David P. Viera, P.L.S.

Representative (858-558-4500)

Michael S. Butcher, P.L.S.

Representative (858-560-1141)

James W. Arnold, P.L.S.

Alt. Representative (619-688-1449)

Armand A. Marois, P.L.S.

Alt. Representative (760-931-8700)

Scott A. Hurst, P.L.S.

Immed.Past President/Representative (619-235-6471)

CSU, Fresno Surveying and Mapping Conference notes from Jas Arnold:

An entourage from San Diego made pilgrimage at to Fresno for the annual surveying and mapping conference. Over 200 surveyors attended this event which featured an exhibit hall filled with a broad spectrum of surveying equipment including softcopy photogrammetry, field instruments and data collectors, a whole bunch GPS stuff, and instruments from the historical past. Dual presentation halls filled three days with interesting presentations from NGS survey work performed in Hawaii to ancient survey techniques used by Peruvian cultures 1300 years B.C. Many of the talks dealt with cadastral issues. Close-range of photogrammetry techniques used on the space shuttle to measure docking facilities was fascinating. A \$1000 check from our Chapter was presented to Victor Ross, a home-grown San Diego boy who is within a few years of graduation. Numerous applications for the Curt Brown scholarship were distributed in hopes that many of these promising students will apply for this coveted prize.



Fun guys Mike Obst, Ron Dodds, DK Nasland, and Jas Arnold looking for a good time!



Victor Ross receives CLSA SD \$1000 scholarship from Jas. Professor Crossfield, CSU Fresno recommended Victor as "A-OK".

Minutes from the January 26th 2002 CLSA

Board of Directors Meeting

Attending: Mike Butcher, Scott Hurst, Dave Viera

This quarterly meeting was held in beautiful Ontario, CA in lieu of the usual location, San Francisco. The purpose of this meeting's Southern California location was, in part, due to the drastic rise in the cost of round-trip tickets with United Airlines from San Diego to San Francisco (the cost went up to approximately \$370 from about \$120). This increase was primarily due to Southwest Airlines' decision to no longer provide flights to San Francisco airport. The meeting's Ontario location was also a result of many years of pleadings by Southern California chapters to hold a meeting (or meetings?) in Southern California. CLSA will review the cost of this meeting and will decide whether to consider holding some future meetings in Southern California. The April 2002 meeting will likely be held in either Oakland or San Jose.

2001 President Pat Tami reported on many 2001 highlights and important issues. Pat noted that a "Job Task Analysis" questionnaire would be distributed to a random sample of Licensed Surveyors throughout the State for the purpose of determining the content of future LS Exams. Pat stressed the importance of the accuracy of the responses by those receiving the questionnaire.

2001 Treasurer Dean Palumbo's report included a reminder that expense reports need to be submitted within 90 days. A motion carried to allocate \$20,000 towards the purchase of a new copy machine for Central Office.

Mike Duffy made a presentation on the proposed 10-12-2002 SBBM 150th anniversary Initial Point Celebration. Mike is seeking donations to fund this event which he estimates will cost about \$5000.

Executive Director Dorothy Calegari's report included many items including:

- A report on the upcoming 2002 CLSA Conference at Harvey's Casino/Resort, Lake Tahoe, NV March 24-27. Dorothy noted that exhibit space is already sold out and encouraged donations of door prizes and donations of money for student assistance.
- A videotape on parliamentary procedures titled "Point of Order" is available for purchase from Central Office. Copies were available for Chapters. When last seen, Scott Hurst was in possession of our chapter's copy of this "must see" video.

The usual first meeting of the year business was conducted including:

- The installation of 2002 Officers including the much anticipated "passing of the gavel" from 2001 president Pat Tami to 2002 President Marc Van Zuuk.
- Awards presented by Pat Tami to the 2001 Officers, committee chairs, and other deserving individuals including "California Surveyor" editor Phil Danskin.
- The grant of CLSA Life Membership to Pat Tami.
- The election of Mike Butcher and Tony Spillane as Board Members to the Executive Committee.

Dean Palumbo's **Bylaws Committee** report included a suggestion that Chapters form their own Bylaws Committees. During Dean's report a motion carried to amend the CLSA Bylaws with regards to membership. The amendment, needing ratification by the membership, would simplify the process by which pre 1982 Civil Engineers could obtain CE Corporate Membership.

The terms of CLSA Education Foundation Directors have expired (or soon will expire). A **motion** was made to assign interim directors.

Workshop Committee chair Ray Mathe reported that 3 CLSA sponsored workshops are planned for 2002 including a Subdivision Map Act seminar. Questionnaires will be sent to chapters. A motion carried to allow for negotiation with IRWA for distribution of proceeds in the case of jointly sponsored seminars by CLSA and IRWA.

The **Advanced technologies** committee is being chaired by Mike Butcher: Mike's written report included reference to the Tech FAQs page of the CLSA website. See it at <http://www.ca-surveyors.org/techfaq/>.

Greg Helmer gave a brief presentation on the status of the **CSRC**. Greg noted that CSRC has secured Federal funding of \$1,000,000 for fiscal year 2002-2003.

A "Code of Conduct" for professional surveyors is in its fifth draft. BORPELS may soon adopt the "Code".

Membership Committee chair Hal Davis made a request for members to volunteer to man the Membership booth at the 2002 CLSA Conference. A motion carried to waive the membership fee for those passing the 2002 LS Exam. A \$15 administrative fee will still be required.

Education Committee – CSU Fresno now has on-line courses available. Requires students to carry a minimum of six units with cost starting at \$575. (\$5 per unit 65 and older). Chapters are requested to forward a listing of survey programs in their area to be posted on the web page.

2002 President Marc Van Zuuk ordered all new chapter reps are to serve on a committee.

Plans are in the works to have another joint conference with ACSM in 2005. Dorothy Calegari was assigned as the 2005 Conference chair.

Under New Business, the issue of increased fees for the checking of Record of Surveys was discussed. Stay tuned for more on this ongoing issue.