

SURVEY NOTES

Volume 17 Issue 1

January 2011

CALIFORNIA LAND SURVEYORS ASSOCIATION, SAN DIEGO CHAPTER
5519 Clairemont Mesa Blvd, Mail Box 261, San Diego, California 92117
www.sd-surveyors.org

Chapter Meeting January 19th, 2011

Guest Speaker:

Casey Lynch

California and Federal Prevailing Wage Law and the Surveyor

An informational session on the history and brief explanation of a licensed land surveyors responsibilities and requirements regarding State and Federal prevailing wage laws.

Location:

**Best Western Seven Seas
Lord Jim Room**

411 Hotel Circle South, San Diego, Ca. 92108
(619) 291-1300

5 p.m. Board Meeting • 6 p.m. Social/Networking • 6:30 p.m. Dinner
6:45 p.m. Program

Please RSVP through our CLSA San Diego Chapter website (www.sd-surveyors.org) no later than Friday, January 14th 2011.

Please click on the "Dinner Reservations" button and fill in all of your reservation information there.

If paying with a credit card, please remember to bring in a copy of your receipt for check in.

Those who do not make a reservation cannot be guaranteed a meal.

Dinner Cost: \$28 (\$18 for LSIT or Surveying Student)

Menu (Buffet Style): Chicken California, Roast Tri Tip Red Potatoes with parmesan, Vegetables, Hot Rolls & Butter Mixed Green Salad, Ranch & Italian Dressings, Coffee, Tea or Decaf, & Dessert.

December 2010 CLSA Board Meeting Minutes
No meeting Held in December

December 2010 CLSA General Meeting Minutes

December 15, 2010

Meeting held at Best Western Seven Seas, Mission Valley

Justin Pallamary opened the meeting at 6:15 pm and welcomed many guests who were spouses of members, and introduced the evening entertainer:

Mike the Magician

Mike the Magician entertained guests at their tables before and after the meal was served. At one point, Mike took the podium and told some humorous tales.

Justin relayed the Board's appreciation for the efforts of many members who had contributed to the chapter this year. Each person was thanked in person by Justin, who told a few special details about each person. Following are the people who were awarded a certificate of appreciation:

Dave Ambler
Allen Wake
Blake Torgersen
David Paul Johnson
Jack Getcher
Casey Lynch
Sean Englert
Paul Goebel
Dave Viera
Andy Karydes
Anne Hoppe
Cathy (Best Western Seven Seas)
Pat McMichael
Karen Koklich
Jimmy Elmore
Tony Northdurft
Mike Hart
(Justin Pallamary was awarded by others)

The meeting was adjourned at 8:40 PM.

Education

(Classes and seminar information are for the educational benefit of our members and are not necessarily endorsed by CLSA or CLSA San Diego)

NEW – CLSA AUCTION WEBSITE!

Support


- California Land Surveyors Association Education Foundation
- Surveying Education
- Help Generate Scholarships for Land Surveying Students

Donate

- Sell Your Items Through the CLSA Auction Site and 10% of Your Sale Will Be Donated to the Education Foundation

Bid

- Purchase Items Through the CLSA Auction Site to Help Generate Proceeds for the Education Foundation



Go to <http://auction.surveypath.org/index.php>
or go to www.californiasurveyors.org and click on Education Foundation

Cuyamaca College Surveying Education

Dear Professional Land Surveyors,

Please see the attached.

It is imperative that we encourage education within our profession. Education will most likely be mandatory within our futures. CLSA promotes Professional Development. One way to keep our profession alive and well is through education.

The most convenient and accessible surveying education that we have available to us at this time is classes through Cuyamaca College. There are classes available this coming semester...we must fill the classes...otherwise they will be dropped. This situation just happened this past semester...not good!!!! We challenge each and every one of you to send your young & upcoming surveyors to class. The minimal cost will be a huge investment in your company and our profession. The awesome person that sends the most fledgling surveyors to class will receive a complimentary dinner at a meeting of their choice.

Please step up and encourage education. It is the most significant step in keeping our profession from going by the way of the dinosaurs.

Sincerely, San Diego Chapter, California Land Surveyors Association

Cuyamaca College Classes

Sign up today!!!!!!!



SURVEYING

Class begins 1/22/2011

SURV-218 PLANE SURVEYING 4.0

Prerequisite: "C" grade or higher or "Pass" in MATH 170 or equivalent or concurrent enrollment.

5868 8:00AM-4:30 Saturday F-724

J.Taynor/J.Butcher

SURV-240 ADVANCED SURVEYING 4.0

Prerequisite: "C" grade or higher or "Pass" in SURV/ENGR 218 or equivalent.

5869 10:00AM-1:50 Saturday F-724

and

Thursday 6:30PM-8:20 F-701 J.Taynor



Cuyamaca College
900 Rancho San Diego Parkway
El Cajon, California 92019-4369
Telephone (619) 660-4000
<http://www.cuyamaca.edu/cc/schedules.asp>
www.cuyamaca.edu



Cuyamaca College

900 Rancho San Diego Parkway
El Cajon, CA 92109

Boundary Control &

Legal Principles

Review Seminar

Topics Included are:

Legal Descriptions

Boundary-Private and Public

Public Lands

Evidence and Ambiguities

February 11-13, 2011

3 Days

24 Hours total

\$300 "Food Included"

\$275 for CLSA Members

**Jaime Taynor Instructing with John Butcher
as Guest Speaker**

Contact Jaime Taynor at jaime.taynor@gcccd.edu

Pacific Land Seminars LS and LSIT review seminars, advanced survey topics and various Surveying seminars such as **Land Description Fundamentals, Advanced Land Descriptions, Fundamentals Of The U.S.P.L.S.S., Advanced Problems In The U.S.P.L.S.S, Boundary Control, Boundary Law. Lot Line Adjustments / Lot Line Agreements, Legal Research, Water Boundaries, Easements And Reversions, Resolving Conflicts Of Evidence, The Surveyor In Court, A.L.T.A. Surveys, Subdivision Mapping, Entitlements, Condominium Plans, G.P.S. Surveys, Photogrammetry For The Surveyor, Basic Geodesy, State Plane Coordinate Systems, Error Theory & Measurement Analysis, Ethics And Standard Of care.** Excellent source for Surveying publications. WWW.PACIFICLAND.COM tony@pacificland.com <http://www.pcpresinc.com> 562/431-1656

CLSA-NALS Conference CLSA-NALS Conference March 5-9, 2011 Bally's Las Vegas, NV. **FEATURED SPEAKERS INCLUDE:** Knud Hermansen, Gary Kent, John Matonich, Steve Parrish. **CONFERENCE WILL ALSO INCLUDE:** Survey Olympics, Scholarship Auction, National Student Competition, Outta Control Comedy Magic Show, Bowling Tournament, Hoover Dam Tour – see enclosed flyer.

CSU Fresno 50th Annual Geomatics Engineering Conference Jan 27 & 28. – see enclosed flyer.

17th Annual California GIS Conference March 28-31, 2011 Fresno. <http://www.calgis.org>

Subdivision Map Act Class – A One Day Seminar: San Diego Nov.17 2011, Burbank Oct. 27 2011. *Latest land use law news alerts.* www.landusenavigators.com

Webinars: Introduction to California Subdivision Law. Current Issues in Development Impact Fees. A Primer on Land Surveys. A Primer on Right-of-Way. Conservation Easement Tax Incentives. Regulations Zoning Variances: Nonconforming Uses and Structures. Air Rights in Development: Current Trends and Legal Concerns. FEMA's Critical Flood Plain Regulation. Construction Contract Bid Errors. Construction Joint Ventures: Benefits and Pitfalls. Contractor's Dilemma of Dealing With Bad Plans and Specs. Pros and Cons of Cost-Plus vs. Fixed Price Contracts. The Construction Bidding Process. Understanding the Federal Construction Bidding Process. Understanding the Development Approval Process. Design Professionals' Exposure for Design Errors and Omissions. Liability Issues for Design Professionals. ALTA Policy, Endorsements and Transaction Strategies with Title Insurance. Curing Title Exceptions. Current Issues in Real Estate Title and Title Insurance. Infill Development Fundamentals. Discounts for multiple registrations. www.lorman.com (866) 352-9539.

Trimble SurveySense webinars www.trimble.com/surveysense

Autodesk webinars: Part 1: 3D Laser Scanning Technology Overview. Part 2: Road & Highway Corridor Study. Part 3: Improving Road & Highway Design Workflows. http://offers.autodesk.com/10/171025/email/may_fup.php

17th Annual California GIS Conference March 28-31, 2011 Fresno. <http://www.calgis.org>

Esri and ACSM Survey Summit July 9-12, 2011 San Diego <http://www.thesurveysummit.com/>

Free SMART VENT's FEMA's TB1-08 and Elevation Certificates with free listing upon completion on Professional Surveyor Magazine web-site. <http://us1.campaign-archive.com/?u=cdf7e9cc9a1a12b28f21f7ff4&id=5c032776df&e=d57379b7e3>

Basics In 3D Laser Scanning <http://www.faro.com/site/resources/details/752> Applying 3D Laser Scanning To Bim (Building Information Modeling) <http://www.faro.com/site/resources/details/905>

Cuyamaca College - Cuyamaca College offers an Associate of Science in Surveying that includes courses in Plane Surveying and Advanced Surveying, using equipment used in the field today, Survey Drafting Technology, and Boundary Control and Legal Principles. Other requirements for the degree include Engineering Graphics, Trigonometry, Introductory Physics, and courses to fulfill general education. Instructors are all practicing and licensed professionals. For additional information please contact Dr. Cyrus Saghafi at cyrus.saghafi@gcccd.edu or 619-660-4243..

College of the Canyons - Associate in Science Degree and Certificate of Achievement: Land Surveying. Contact www.canyons.edu or 661-362-3300.

Geospatial Analysis and Technology – Seminars, courses and software training. www.UCRExtension.net/geo 951-827-4105.

CSU Fresno Geomatics Engineering Dept. Contact www.csufresno.edu/geomatics/ for program and on-line courses.

CSU Pomona Surveying Program http://www.csupomona.edu/%7Ece_surv/surveng/index.html

Santiago Canyon College Surveying and Mapping Program Associate degree and LSIT review certificate. <http://www.scccollege.edu/Departments/CareerEd/Survey/Pages/SurveyDegreePrograms.aspx>

Rio Hondo College Surveying Mapping & Drawing Certificate of Achievement. GIS program. <http://www.riohondo.edu/>

Sacramento City College <http://www.scc.losrios.edu/>

GIS Certification – thru URISA <http://www.gisci.org/>

3-Day Precise Digital Leveling Workshop

The Arizona Height Modernization Program (AZHMP) and Sahuaro Chapter of the Arizona Professional Land Surveyors (APLS) are sponsoring an NGS 3-day workshop on precise leveling using digital (bar-code) equipment.

Dates: 25 - 27 January 2011, 8:00 AM to 4:30 PM

Cost: Free (Note; Lunch, snacks, etc. will NOT be provided.)

Location: PSOMAS Land Survey and Mapping
800 E. Wetmore Rd. Suite #110
Tucson, AZ 85719

CEUs: Continuing Education Units will be granted through APLS

Instructors: Curt Smith, NGS Geodetic Advisor to Montana/Idaho and Dave Minkel, NGS Geodetic Advisor to Arizona

Synopsis: The workshop consists of classroom instruction and hands-on field exercises showing how to plan, perform, and process bar-code leveling observations suitable for submission to the National Geodetic Survey.

Note: the field procedures taught can be applied to all leveling to improve the precision of your leveling.

Day 1 & 2 will concentrate on field operations (i.e. specifications, survey planning, equipment requirements, and field procedures). Field exercises will be conducted on the academy grounds.

Day 3 will concentrate on using NGS software to process and format the data for submission to NGS.

Materials: Course materials including the presentation, software, equipment references, manuals/specifications, etc. can be downloaded prior to the workshop at [ftp.azhmp.org/Precise Leveling Workshop /](http://ftp.azhmp.org/Precise%20Leveling%20Workshop/); printed material will NOT be provided at the workshop.

Registration: Contact Dave Minkel at dave.minkel@noaa.gov to reserve seats or for more information.

CLSA San Diego Survey Student Stipends

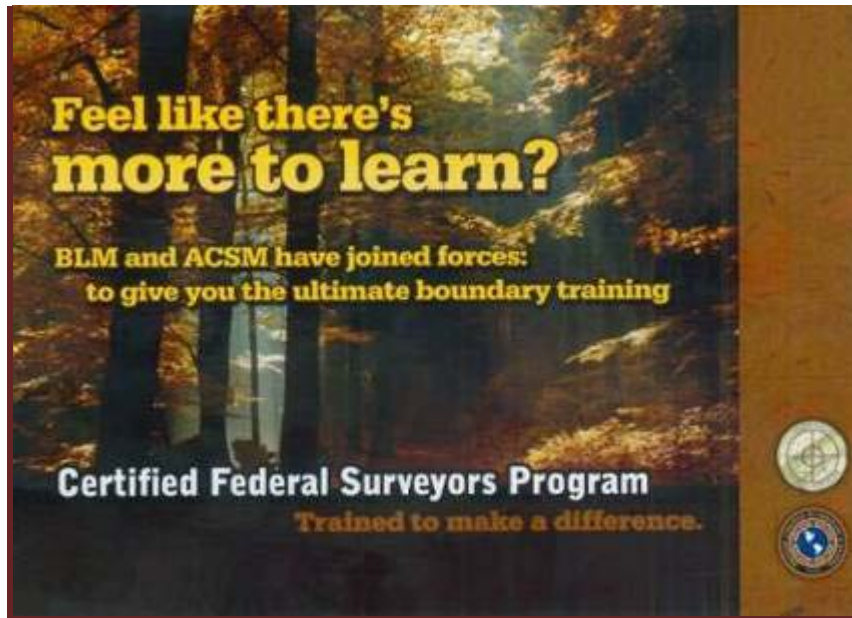
The Stipend program's goals are to: provide funding for local students taking college level survey related classes. They will receive \$100 for an A, \$75 for a B, \$50 for a C. It will be limited to one survey class per student per semester. The Class must have been completed within the last 6 months. Applicants must be current members of the San Diego Chapter of CLSA. Licensed Land Surveyors are ineligible. All applications are subject to approval by the executive board. Applicants need to mail in a copy of their grade (of a surveying class) to: CLSA San Diego, 5519 Clairemont Mesa Blvd. Mail Box 261, San Diego, California 92117.

California Land Surveyors Association CLSA Education Foundation

C.L.S.A.
526 South E Street
Santa Rosa, CA 95404

Telephone: (707)578-6016 FAX: (707)578-4406

The Scholarship application is available at <http://www.californiasurveyors.org/files/scholarsh.html>



Announcements

Room Needed for Chapter GIS Meetings

The GIS Committee would like to start a study group and is looking for a meeting room. There would be a maximum of 25 people. If you know of a meeting room that may be available, please contact the GIS Committee at SD.CLSA.GIS@gmail.com

Unlicensed Agency Planners and the SMA

A question came up recently regarding the potential conflicts between an easement, exclusive or otherwise, that permits a structure or other improvement to cross a boundary line without violating the Subdivision Map Act. This inquiry was precipitated by the comments and actions of some local agencies wherein unlicensed planners (I note that planners are not licensed) made some agency "determinations" regarding this issue. As is not uncommon with many public sector staff planners on SMA issues, they are wrong. It is for this reason that such decisions should be referred to a qualified agency Land Surveyor. Unfortunately, many homeowners are burdened with the costly challenge of defending their property rights once a "determination" of this sort is made. Needless to say, this can be a frustrating experience particularly when one considers the large number of gross misconceptions held by agency planners who have been inexplicably empowered to promulgate such faulty opinions. In my opinion, these declarations violate the Land Surveyors Act.

For those of you who do not advocate continuing education, this is a good example of why all Professional Land Surveyors should be abreast of the latest developments in real property law and other matters. Being adept at how to use the latest measuring tools such as GPS, is not going to cut it. If one does not take the time on his/her own time to learn about matters such as this, a cogent argument can be made for mandatory continuing education.

As always, thanks for indulging me. I shall continue to harness my insomnia as best I can.

- See related attachments or contact Mike Pallamary

30 Years Of Surveying Along The U.S.-Mexico Border

Howdy,

I am delighted to report that my article about the International Border has been published as the feature story in POB. That's me and my son Justin on the cover. The story is rather provocative as it deals with the International Border. The editor is so excited about the article, she prepared a slide show to accompany it. As they are aware I am a musician, they asked that I compose a piece to accompany it. I did so and my friend Phil recorded it. I am pleased with the way it came out as I was working for an America/Spanish mood as well as one of desolation. Both writing the article and composing the piece were very rewarding. The border is quite fascinating and it is hard to believe I have been working along it for some 30 years. There is also a great picture of Justin and me from 1982. It is amazing at how fast time flies. The story is at:

<http://www.pobonline.com/articles> The slide show is at: <http://www.rpls.com/video/86>

They are cleaning the slide show up for a quality presentation on YouTube.

Happy Holidays to all.



- See related attachments or contact Mike

Michael J. Pallamary, PLS Founding Member – Land Surveyors Advisory Council on Technical Standards (LSACTS)
www.lsacts.com

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CLSA-NALS Conference 2011

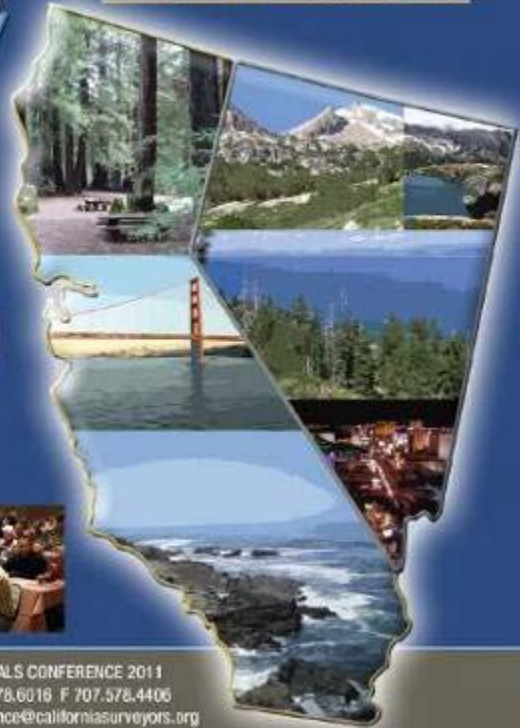
MARK YOUR CALENDAR



March 5-9, 2011
Bally's Las Vegas, Las Vegas NV

Featuring:

- Continuing Education
- Scholarship Auction
- Exhibits



Registration information available soon.
Please visit: www.californiasurveyors.org or www.nv-landsurveyors.org

CLSA-NALS CONFERENCE 2011
T 707.578.6016 F 707.578.4406
conference@californiasurveyors.org



The 50th Annual CSU Fresno Geomatics Engineering Conference

Attend the 50th Annual Geomatics Conference January 27 & 28. The largest student run geomatics conference in the nation. This year's conference is going to be one of the greatest yet, with free admission, and a rare 1 oz gold coin raffle!

Top speakers, leading business exhibits, food, prizes, and most of all, a great time for everybody involved.

The theme for this year's conference is "The Golden Reunion". If you are a graduate, this is one conference you won't want to miss.

All Alumni should encourage any former classmates to attend.

Don't miss the alumni speaking panel with current and past educators, students, and contributors.

- **ADMISSION IS FREE!!!!**
- Plan to bring a guest (spouse, children, etc.) to take part in the planned events around town!
- This year features complimentary exhibit space!
- 1 oz. Gold Coin featured in the raffle.

The conference will be held at [The Clovis Memorial District, 808 4th Street, Clovis, CA 93612](#)



**January 27 & 28
Save the Date!!!**

For more information visit our website: <http://www.csufresno.edu/geomatics/conference/>

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- 3-Prism Pole
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- 5- Data Collector Bracket

\$24,995.00

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[Newsletter](#)

Members are encouraged to receive email newsletters. Request an email copy only: clynch@burkett-wong.com

Notices, original articles and other relevant information are encouraged for publication in the newsletter. There are many interesting and pertinent articles in other publications. Mention of articles is encouraged, but please provide your remarks, summary in a Word doc format and a link to the article, rather than copying the whole article. PDF or JPEG format sized to approx 300 KB or less is best for graphics. Large reference files may have to be forwarded separately. Newsletter is distributed by the first Wed of the month. Send items to Casey Lynch at clynch@burkett-wong.com by the last Saturday of the month.

Information in this newsletter is not necessarily endorsed by CLSA or CLSA San Diego.

*** New Lower Advertising Rates ***

Advertising policy approved by the Board:

The **new lower rates** are: 1) full page one time in newsletter \$50.00. One year paid in advance \$450.00. 2.) ½ page one time in newsletter \$35.00. One year paid in advance \$325.00. 3) Business card size ad one year in newsletter \$50.00. 4) Employment offers by a member free for 1 month, extended if needed. Contact Newsletter Editor Allan K. Wake 48wake@cox.net for newsletter advertising. 5) Web-site banner \$100.00. Other Web-site advertising charges to be determined. For web-site advertising contact Web-site Coordinator Anne Hoppe, ahoppe@sandiego.gov

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