

SURVEY NOTES

Volume 10 Issue 6

June 2004

CALIFORNIA LAND SURVEYORS ASSOCIATION, SAN DIEGO CHAPTER

P.O. BOX 80697, MAIL BOX 261, SAN DIEGO, CALIFORNIA 92138

sd-surveyors.org

Chapter Meeting
Wednesday, 16 JUNE

Beach Party
and
Yaccino's famous Texas BBQ.



Bring

the

family!!!!

Bring beach
water toys, bacci
firewood etc.
as appropriate.

chairs, Frisbees,
ball, volleyball,

Mission Bay at the Southeast end of Crown Point

4:30 – 5:00 until we decide to leave

Leave your name with Lisa Mejia. Email is preferred: lmejia@hunsakersd.com

Or: 858 558-4500 - No later than **noon Wednesday, 9 JUN**

James needs to know how many to BBQ for before he leaves for Cancun....but he will be back in time for us

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

Texas BBQ - \$15

Price includes food and drinks

GENERAL MEETING – May 19, 2004

The May Meeting was held at the Oggi's Pizza & Brewing Co. on Fenton Parkway in Mission Valley. The topic for this meeting was to review and evaluate the 2004 LS Review Class that was presented by the San Diego CLSA. The moderator was Mike Hart. Mike, together with Vance Breshears were instrumental in organizing the LS Review Classes. Both Mike and Vance took a personal interest in seeing that it was the best that could be offered for anyone willing to put forth the time and effort. All of the candidates who sat for the April Exam were invited to give their thoughts on what they liked or disliked about the review classes so as to improve it next year. The general consensus was "job well done". Each presenter for the different topics was well prepared. The handouts provided were of great value. The candidates in attendance saw very few if any surprises in the exam.

Presidents Report

-Dave announced that there will be a couple of seminars coming up. They include one with Dr. James Riley and one with Mike Durkee on the "Subdivision Map Act". Specifics on the SMA seminar are not yet known but it looks like the first couple weeks in August in San Diego.

Vice Presidents Report

-The next chapter meeting will be a "Beach Party". Bring the family for an evening of volleyball, BBQ and bonfires.

Treasurer's Report

-No Report.

Secretary's Report

-No Report.

Education Committee

-Dennis Moulard will present a workshop later in the year.
-The California Foundation for Land Surveying Education is hosting a Golf Tournament June 21st at the Old Ranch Country Club in Seal Beach, Ca. Anyone interested in participating contact Armond Marois.

Membership Committee

-The "New" San Diego CLSA Rosters were distributed.

JPPC Report

-Only one new case.

Chapter Representatives

-The seminar about "Improving the Accuracy of your Field Procedures" is scheduled for Saturday, July 17th with Dr. James Riley and will be held at the Marriott Mission Valley in San Diego, Ca.

Legislative Committee

-No Report.

Meeting adjourned

Submitted by,
Andrew G. Karydes, PLS
Secretary 2004

Join CLSA CLSA

EXECUTIVE BOARD MEETING

June 2, 2004

ATTENDING: Dave Ambler, Anne Hoppe, Andy Karydes, Allan Wake, Steve Martin, Jack Roth, Lonnie Cyr, Jas Arnold and DK Nasland

Presidents Report

-Dave Ambler called the meeting to order at Nasland Engineering's conference room.
-Nominating Committee is being formed.
-There are issues with accessing the Chapter websites through the State website.

Vice Presidents Report

-The next General Meeting will be an after work Beach Party, June 16th.

Treasurer's Report

-Don reported there is \$6809 in the General Fund and \$2111 in the Education Fund.
-There are 170 paid members.

Secretary's Report

-No Report.

Education Committee

-Education stipends were awarded to two students attending Surveying classes at Palomar College.

Membership Committee

-There will be an addendum added to the 2004 Roster for any members that may have been omitted. The addendum will be available for anyone who has already received the Roster.

JPPC Report

-DK reported that there was 1 "new" case reported.

Chapter Representatives

-Consideration is being given to naming an additional education scholarship through the Education Foundation.

-The County, in conjunction with the PBO, is pursuing a Real Time GPS Network in San Diego.

Legislative Committee

-The Legislative Committee is scheduled to meet June 19th in Sacramento.

Meeting adjourned

Submitted by,

Andrew G. Karydes, PLS

Secretary 2004

Join CLSA CLSA

Education/Seminars/Workshops

Improving the Accuracy of Your Field Procedures

This seminar discusses surveying with a total station, specifically angle measurements and distance measurements, plus the basics of GPS surveying.

Under angle measurements we will discuss correct observing procedures, errors caused by an instrument being out of adjustment, accuracy and precision, and how to determine the precision of your instrument. Under distance measurements we will discuss the characteristics of Electronic Distance Measurements (EDM's), retroprisms, and how to calibrate the EDM on your total station. GPS is here to stay, especially RTK for the practicing land surveyor, and this will be covered in detail.

The Instructor **James P. Reilly** received his B.S. in Mining Engineering from the Pennsylvania State University, and his M.S. and Ph.D. in Geodetic Science from Ohio State University. He was on the faculty at Iowa State University and New Mexico State University; his most recent position was the Academic Department Head of the Department of Surveying Engineering at New Mexico State University. During the year 2000-2001 he was the President of the American Congress on Surveying and Mapping (ACSM). He is retired and living in Las Cruces, New Mexico.

Don't miss this essential seminar in San Diego July 17. Be a leader on the cutting edge of Technology. See enclosed brochure and PDF file.

Survey and GIS Summit 2004—Bridging the Gap

Saturday, August 7—August 10 San Diego Convention Center.

The theme of Bridging the Gap 2004 is integrating Survey and GIS. This conference will feature presentations by industry leaders from around the world on integrating survey and geographic information system (GIS) technology. Presentations will include survey, mapping, and GIS applications at the national and local government levels, in utilities, and in private industry.

- for more info contact <http://www.esri.com/surveysummit> or call 909-793-2853, extension 1-1585.

Boundary Law Issues in California – in San Diego, June 24, 2004. Call 888-678-5565 or see www.lorman.com.

GIS Summer School – Earn a GIS certificate. July 6 – Sept. 3. For more info see www.UCRExtension.net/gis.

Plan ahead for the **CSU Fresno 44th Annual Geomatics**

Conference Jan. 28 & 29, 2005. contact:

www.csufresno.edu/geomatics/event or call (559) 278-6244.

U.C. Riverside & Santiago College GIS/GPS Surveying

programs - see www.UCRExtension.net/geo and

www.sac.edu/degrees/geography_information_degree.htm

CLSA San Diego Survey Student Stipends:

- The Stipend program's goals are to: provide funding for local students working towards a degree in a surveying related field at a Junior College in San Diego County. 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 need to mail in a copy of their grade (of a surveying class) and address to: CLSA San Diego, P.O. BOX 80697, MAIL BOX 261, SAN DIEGO, CALIFORNIA 92138

CLSA Education Foundation

- see attached PDF file. For those not on the Email distro contact the Central Office: P.O. Box 9098 · Santa Rosa, California 95405. Telephone 707/578-6016 for Foundation scholarship information and applications.

EMPLOYMENT

Pasco Engineering, a mid sized civil engineering and land surveying firm in Solana Beach is looking for a surveyor to perform a mix of office and field work. LSIT preferred, map processing abilities a plus. Contact Joe Yuhas at 858-259-8212X109.

Aerotek Engineering is looking for Assistant Land Surveyors.

This is an outstanding opportunity for a person with a minimum of 3 years experience, 5 years experience preferred, an LSIT (LS preferred) with knowledge of boundary procedures, easement interpretation, reduction of field notes, and map, plat, and legal description preparation experience.

Associate Survey Analyst - a candidate with an A.S. in Civil Engineering or Surveying plus two years experience or equivalent work experience of four years. Candidate must demonstrate familiarity with the basics of boundary principles as well as geometry and trigonometry.

Survey/Mapping Technicians: This person must be proficient with AutoCAD. This person will be expected to conduct many different Land Survey functions such as creating Parcel Maps, Subdivision Maps, producing basic survey calculations, and reviewing legal descriptions and title reports. We must have a person with experience in the fields of Land Surveying or Civil

Engineering. We are offering very competitive benefits, salary, and opportunity for advancement.

- For immediate consideration please e-mail jmckin@aerotek.com or call John McKinley at (619) 278-3021.

Construction Testing & Engineering Inc needs Sr. Survey Crew Chief and Sr. Survey Technician.

-The positions require a minimum of 5 years of land surveying experience, and knowledge of AutoCAD.

-Responsibilities include field survey data management and processing, including GPS survey support, survey calculations and adjustments, preparation of CADD maps for boundary and topography, and construction surveying and support calculations plus occasional field survey work. Knowledge of TDS software and Robotics a plus.

Please fax resumes to John at 760-746-9806 or email john@cte-inc.net

Berryman & Henigar, Inc
SURVEY ANALYST / MAP CHECKER

Responsibilities: Application Of Subdivision Map Act And The Land Surveyors Act. Ability To Evaluate And Assess Boundary Line Determination. Verify Technical Correctness Of Maps And Legal Descriptions. Determine Substantial Compliance Of Final And Parcel Maps.

Qualifications:
LSIT Certificate, One Year Experience Min. In Final And Parcel Map Preparation Experience. Registration As A Professional California Land Surveyor A Plus. Working Knowledge Of Boundary Control And Legal Principles. Ability To Interpret Traverse Calculations For Technical Correctness
Knowledge Of Tentative Map Process Along With Conditions Of Approval

Contact: Mike Foreman @ Berryman & Henigar, Inc., San Diego Office – Phone: (858) 451-6100

SB&O, Inc. is seeking qualified individuals for our San Diego, Temecula and Rancho Cucamonga offices.

- Land Surveyor and/or LSIT with experience in boundary research and analysis, preparation of legal descriptions, subdivision mapping, ALTA and topographic surveys and construction staking calculations. Ideal candidates will be proficient in Autocad 14 and 2000i. Competitive salary and benefits.

- Send resumes attention Mike Butcher to SB&O via:
fax: 858-560-8157

e-mail: m butcher@sboinc.com
mail: 3615 Kearny Villa Rd, Suite 201
San Diego, CA 92123

SB&O, Inc. is an equal opportunity employer.

Hunsaker & Associates is looking for an experienced Survey Mapper. This position requires the ability to manage mapping projects from start to finish. This position also requires experience and hands-on involvement with mapping related task including: research, writing legal descriptions, record boundary and encumbrance maps, ALTA Surveys, boundary analysis, subdivision maps, parcel maps, record of surveys and condominium plans. Experience with ACAD 2000 and Eaglepoint is desirable.

Please e-mail or fax resume to jobs@hunsakersd.com

(858) 558-1414 FAX, or mail to: Hunsaker & Associates Inc., San Diego, 10179 Huennekens Street, San Diego, CA 92121

Lintvedt, McColl & Associates is seeking a qualified Land Surveyor to provide office expertise in GPS, boundary, right-of-way and topo surveys. A candidate should have a working

knowledge in research, calculations, ROS's and legal descriptions preparation as well as the desire to work and grow in a progressive friendly environment.

Competitive Compensation, Excellent Benefits and Opportunities.

EOE M/F

Resumes to: Lintvedt, McColl, 3737 Camino Del Rio S. #200 SD CA 92108

LMA@LMAENGINEERING.COM Fax 619/280-1515

MAYGroup, Inc. San Diego based progressive civil engineering firm, MAYGroup, Inc. has opportunities for qualified individuals for the following position:

LAND SURVEYOR: Calif. LS registration. Fax or e-mail resume: (858) 505-0441/
mail@maygroupinc.net

MacKay & Soms Civil Engineers, an ENR Top 250 design firm, has openings for skilled and seasoned surveying professionals with land development mapping (plats, legal descriptions, and final maps) and surveying (control, boundary, topographic, and construction staking) experience for its regional offices in the SF Bay Area and the Sacramento region. Senior Land Surveyors (LS w/ 10-20 years exp.), Associate Land Surveyors (LS w/ 5-10 years exp.), Assistant Land Surveyors (LSIT w/ 2-5 years exp.), Junior Land Surveyors (LSIT w/ 0-2 years exp.), Surveying AutoCAD Techs (2-10 years exp.), Survey Crew Coordinators (5-10 years field crew exp.). Recent, relevant California experience and California license highly desirable. AutoCAD/LDD experience mandatory. Experienced applicants only need apply. Send cover letter, resume and geographic preference to Corporate Recruiter, MacKay & Soms, 2430 Camino Ramon, Suite 125, San Ramon, CA 94583, fax 925-901-1195 or email Opportunities@msce.com.

NOTICES

Join CLSA CLSA

Help keep San Diego the largest Chapter and strongest voice in CLSA!

Please check your records and sign up or renew your State CLSA Corporate membership. This is important because our Chapter is allowed one State Representative per 20 Corporate members. We must be up to date by July! Call or mail in your pledge now!! Please contact CALIFORNIA LAND SURVEYORS ASSOCIATION P.O. Box 9098 Santa Rosa, CA 95405-9990 (707) 578-6016 clsa@californiasurveyors.org. We have a few phone lines open for your call. You can also register on-line at <http://californiasurveyors.org/files/joinclsa.asp>

Harrison Park Area Fire

- See article in the San Diego Union forwarded by Mike Pallamary concerning lot line concerns. Access the articles on-line at [signonsandiego.com](http://signonsandiego.com/news/fires/20040428-9999-1mi28prop.html):

www.signonsandiego.com/news/fires/20040428-9999-1mi28prop.html

Pains over property lines

Flaws found in parcel boundaries; rebuilding delayed

By Elizabeth Fitzsimons
STAFF WRITER

April 28, 2004

HARRISON PARK – When a firestorm burned through this tightly packed mountain enclave, many people lost their homes and belongings. Now many residents are finding they lost something else as well.

They discovered that what they thought was their land actually may belong to their neighbor, and vice versa, because property lines aren't where people thought they were.

Rebuilding in Harrison Park, where about 170 homes were destroyed by the Cedar fire, is largely stalled as a result. Residents say only one property owner has secured a building permit and is ready to begin rebuilding.

Many homeowners are faced with questions like this: Should they build on their old foundation, even though part of their home sits on what is technically their neighbor's property? Or should everyone agree to live with the boundaries that had been informally recognized before the fire?

The issue has caused much confusion and frustration in this quirky community south of Julian, where cabins were crammed into little nooks on winding roads off state Route 79.

Tonight, the topic is expected to attract a crowd at a town hall meeting, which county Supervisor Dianne Jacob will attend. The meeting starts at 7 p.m.

An aide to Jacob said yesterday the supervisor does not plan to address the boundary issue at tonight's meeting, because it is so complex. Instead, Jacob plans to schedule another meeting, probably for next week, at which property boundaries will be the only topic on the agenda. One stymied Harrison Park resident who plans to be at the meeting tonight is Gary Darnell. Darnell, a bus driver, lost his home on Iron Springs Road and has a permit to rebuild. He and his wife have guardianship of their 3-year-old grandson, and they don't want to spend another winter in a trailer.

"There's always been rumors and talk that your neighbor owns 20 feet of your property and you own 20 of theirs," Darnell said.

"We always just let it go. Unless you have a survey done when you're purchasing, you just assume what you bought is legitimate."

Darnell built a two-story addition to his home last year and the issue of property lines never came up. It has now, because a property owner down the road has questioned boundary lines, resulting in a domino effect.

"The majority, 99 percent of us, want to just accept what we had before the fire and get on with the building. But you have a couple that if the property can be adjusted 20, 30 feet to their benefit, well. . . ."

Paul Kellogg lost three homes in Harrison Park. Kellogg shut down his real estate business to concentrate on rebuilding.

Kellogg said the county told him he couldn't rebuild his garage on Twin Oaks Lane because one-third of it would be on his neighbor's property. The garage had been there 25 years, he said.

"They wanted it set back three feet from the property line," Kellogg said.

"When I bought the property 15 years ago, it was just like this."

Kellogg's neighbor told him the garage was straddling their property line, but nothing was ever done about it.

"Now the county is coming along and saying I have no right to build the garage there, and that's not right," Kellogg said.

The community's roots – and its confusion about property lines – date to the 1920s and R.E. "Rube" Harrison, a landowner from Bonita.

Harrison, who died in 1941, divided his land into 20-foot by 82-foot parcels and sold them as camping spots for \$10, according to "History of San Diego County Land Surveying Experiences," a book by Curtis M. Brown and Michael J. Pallamary.

Eventually, people built cabins on their property. For \$5, they were able to have their parcels monumented, which meant stakes were put down to mark the boundaries. According to Curtis and Pallamary, Harrison did not hire the best surveyor. His angles were off.

"The northernmost parcels, as staked were about 40 feet off their legal descriptions," they wrote.

Bob Adam, a Julian-area historian, summed it up like this: "You have tent sites themselves that grew into homesites that were not recorded properly due to bad legal descriptions."

Harrison Park residents "are a pretty cohesive group and yet they are pretty independent," Adam said.

"But because of their independence, it has prevented them from coming to adjudications. Unless you can get everyone to agree, it's not going to pass muster under law. Thus far, they haven't been able to get total agreement."

Reverting to the pre-fire understanding of property lines would be the best solution, said Teresa Manley, a director of the Julian-Cuyamaca Community Resource Center.

"We need to get everyone to agree to put the fences and borders right back where they were and then go to binding arbitration so that it can't be reopened in the future," Manley wrote to county officials earlier this month.

"It is going to be impossible to find one new survey that will please everyone."

In an interview, Manley said some people were concerned that if the boundaries were to be moved, it meant they had been paying taxes for years on someone else's property.

Elizabeth Fitzsimons: (760) 737-7578;
elizabeth.fitzsimons@uniontrib.com

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Congratulations!! Details unclear, but apparently big changes in responsibility for James Yaccino. Also, it was reported that Bob Elliott has been appointed to a division manager with Surveyors Service Company.

Stolen Topcon Robotic Total Station

On Tuesday March 23rd at 11:40 A.M. our Robotic Total Station was stolen from an intersection in Vista, CA. The following is a list of the equipment and Serial Numbers where applicable. Please refer any information that might aid in the recovery of our instrument and prosecution of this crime to the San Diego CO. Sheriff's Dept. or to me directly.

San Diego County Sheriff's Department
Vista Sheriff's Station
325 South Melrose Dr.
Vista, CA 92081
760-940-4551
Case # 04028158-V

- Instrument: Topcon GTS-802A Auto-tracking Total Station Ser.# QN0219. Tripod: Wild Herrbrugg GST-20 (Well used tripod with the words "Holiness, Formation, and Evangelization" written on the legs, and "L.S. 4456" engraved on the underside). Robotic Radio Modem: Satel 2ASxm2 Ser.#'s (Radio: 002817335 Interface: 00194082 Battery: 00244706). 12 Volt Remote Battery with small blue converter inside a Yellow "Pelican Case" weather-resistant plastic box.

- The Land Surveying community is a relatively small and special group. If we Surveyors and Service Professionals can come together, we can deter this kind of behavior and strengthen the profession at the same time! I sincerely thank you for your time and attention to this matter.

Jeremy "Jake" Kruger, L.S.I.T.
Construction Testing and Engineering Escondido, CA

Office # 800-576-4955 Cell # 760-481-5158
E-mail: jwkruger71@yahoo.com

Found Equipment From Mike Schlumpberger - Our Crew found a fixed height, GPS RTK rod in northern Escondido the was no identifiable company name on the rod. Contact: Mike Schlumpberger, PLS Right-of-Way Engineering (760)732-1366 roweng@cox.net

Stolen Equipment

On Friday, February 13th, we had a Trimble 5603 Robotic Total Station stolen from a construction site in Clairmont, Ca. Serial Number is 633-20236.

Please contact Steve Shambeck at the number below if you have any information.

- Thank you for your help,

Steve Shambeck, P.L.S. President - Inland Empire Division
Hall & Foreman, Inc.
9130 Anaheim Place, Suite 120
Rancho Cucamonga, Ca. 91730
(909) 484-9090 (909) 484-9084 fax
steveshambeck@hfinc.com

LAND SURVEYING FIRM FOR SALE -20 Plus years of successful service in San Diego. Surveying equipment, records and maps included. Some records and maps for Avalon, CA. - Principal retiring and will assist with transition. - contact **Gene Gaddy**: (858) 279-2828, fax (858) 279-4014.

Join CLSA CLSA

Unique Advertising Opportunity - The San Diego Chapter offers banner advertising space on its web site, sd-surveyors.org for only \$100 per year. This is a great opportunity to promote your firm with the local Surveying Industry and support your local Chapter. Contact Armand Marois at (760) 931-8700 to find out how.

Newsletter

-Articles are encouraged for publication in the newsletter. Send reports and articles to Allan Wake by the first Friday of the month. Please email to awake@sandiego.gov and at 48wake@cox.net.

- Members are encouraged to receive email newsletters in lieu of mailings. To request an email newsletter only contact Jas Arnold at jarnold@rickeng.com.

Advertising policy approved by the Board:

1) full page one time in newsletter \$150.00 charge. 10% discount one year paid in advance. 2.) ½ page one time in newsletter \$100.00. 3) Business card size ad one year in newsletter \$150.00. 4) Employment offers by a member free for 3 months, extended if needed. 5) Web-site banner \$100.00. Other Web-site advertising charges to be determined.

Thanks to advertisers ADI-DMI, Lewis & Lewis and Photo Geodetic for your support!

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CALIFORNIA LAND SURVEYORS ASSOCIATION

SAN DIEGO CHAPTER

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

2004 Officers

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Lonie Cyr, P.L.S.

Alt. Representative (858-614-5000)



PRESENTS:

*Improving the Accuracy of
Your Field Procedures*

by: James P. Reilly, PhD.

A One-Day Seminar in Two Locations:

Friday, July 16, 2004
Hilton Concord
Hilton, California

Saturday, July 17, 2004
Marriott Mission Valley
San Diego, California

Directions:

Hilton Concord
1970 Diamond Blvd.
Concord, CA 94520
(925) 827-2000
Room Rate: \$89.00
Cut-off date: July 10th

The Hilton Concord is located at the center of San Francisco's East Bay, 1 mile from Buchanan Airport, 30 miles from Oakland Airport, 40 miles from San Francisco Airport.

From I-680 take the Willow Pass Road exit. Turn right onto E. La Palma Avenue, then left onto Diamond Blvd.

For detailed driving directions visit:
<http://www.concordhilton.com/directions.htm>

Marriott Mission Valley
8757 Rio San Diego Drive
San Diego, CA 92108
(619) 892-3800

San Diego - SAN (8 MI SW) Take Harbor Drive to Hwy 5 North. Take Hwy 8 East exit on the (Qualcomm exit) left on Qualcomm Way. Turn right on Rio San Diego Drive. Hotel is on your right.

Accommodations

Overnight Accommodations: All room reservations must be made directly through the hotels. Seminar hotel locations and rate information are provided for your convenience.

SEMINAR TOPIC

Improving the Accuracy of Your Field Procedures

This seminar discusses surveying with a total station, specifically angle measurements and distance measurements, plus the basics of GPS surveying. Under angle measurements we will discuss correct observing procedures, errors caused by an instrument being out of adjustment, accuracy and precision, and how to determine the precision of your instrument. Under distance measurements we will discuss the characteristics of Electronic Distance Measurements (EDM's), retroprisms, and how to calibrate the EDM on your total station. GPS is here to stay, especially RTK for the practicing land surveyor, and this will be covered in detail.

SEMINAR SCHEDULE

Check-in and Registration	8:00 AM - 8:30 AM
Seminar	8:30 AM - 5:00 PM

GENERAL INFORMATION

Registration Fees:

CLSA State Association Member	\$80.00 (special discounted rate)
Non-Member	\$185.00
Walk-in Member	\$105.00 (special discounted rate)
Walk-in Non-Member	\$205.00

These fees include lunch, seminar handouts, certificate of completion and refreshment breaks. For non-CLSA State Association members, the difference between member and non-member registration fees may be applied toward membership within 30 days of the seminar date.

Continuing Education Credit: 7 hours

Registration

Please use the registration form provided (or copies). Public agencies may submit, with enrollment form, a purchase order or letter authorizing billing in lieu of advance payment. A separate registration form or copy must be completed for each registrant. For those persons registering by public agency purchase order, Master Card, Visa or American Express, registrations may be sent by fax transmission to (707) 578-4406.

Cancellation Policy

No refunds will be given without written notification 7 days prior to the seminar.

REGISTRATION FORM

Full Name _____
First M.I. Last

First Name/ Nick name _____
(as you wish it to appear in bold on your name badge)

Firm/Employer _____

Address is: Business Residence

Address _____

City _____ State _____ Zip _____

Telephone Day (_____) _____

Evening (_____) _____

Fax (_____) _____

Email Address: _____

Seminar Dates: Friday, July 16th - Concord
 Saturday, July 17th - San Diego

Registration Fee:* CLSA State Association Member \$80.00
 Non-Member \$185.00
 Walk-in Member \$105.00
 Walk-in Non-Member \$205.00

10% discount available to companies or agencies registering 5 or more prepaid registrants from the same office.

Check Enclosed (Made payable to CLSA Seminar)
 Or please bill my: MasterCard Visa American Express

Amount \$ _____

Card Number _____

Expiration Date _____ V-Code (3 digit # on back of card) _____

Signature _____

If you wish, please include specific questions below for the instructor . If you need additional space, continue on a separate sheet and enclose with your registration.

IMPROVING THE ACCURACY OF YOUR FIELD PROCEDURES

MAIL TO: P.O. Box 9098, Santa Rosa, CA 95405

FAX TO: (707) 578-4408

Fax registration is for public agency purchase orders, Master Card, Visa or American Express only.

QUESTIONS?

PHONE: (707) 578-8016

EMAIL: clsa@californiasurveyors.org

Due to the format of this seminar, limited space is available. "Walk-in" registration cannot be guaranteed. Registrations will be processed in the order they are received.

REGISTRATION INCLUDES

- Seminar
- Handouts
- Certificate of Completion
- Lunch & Breaks

Should it become necessary to postpone or cancel the seminar, persons who have registered in advance will be promptly notified. Refunds are subject to receipt of cancellation ten days prior to scheduled event.

Join CLSA

Member Benefits



50% off hotel rates, 25% off Hotel dining, Airfare savings, Car rental savings, Cruise line savings, and much more. For more information contact the [CLSA Central Office](#).



Save up to 60% on your office supplies. Click on the Office Depot Logo or for more information contact the [CLSA Central Office](#).

CLSA Annual Conference

Three days filled with educational workshops, technical sessions and exhibits. The Annual Conference is a great time to network and learn from other industry professionals.

CLSA Seminars

CLSA one-day seminars, held throughout the state, are designed to offer affordable, quality education.

California Surveyor

The voice of the California Surveyor, published quarterly.

CLSA Publications

All CLSA publications are available to members at a discounted price. Publications updated annually include, the Subdivision Map Act with Index, PLS Act, PE Act, Board Rules and PLS Roster.

Representation/Liaisons

CLSA has an active legislative program, legislative advocate, and a liaison with the State Board for Professional Engineers and Land Surveyors.

Chapter Meetings

With 21 chapters statewide, chapter meetings are held monthly and feature guest speakers and informative programs.

CLSA NEWS

Bi-monthly publication to keep you informed on legislative updates and current events.

CLSA Website

The CLSA website provides members with a wide range of resources, including discussion forums, referral services, legislative updates and extensive networking resources.

CLSA Education Foundation

CLSA Education Foundation provides educational assistance to students to ensure the future of our profession.

National & Regional Representation

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