

# *SURVEY NOTES*

Volume 10 Issue 3

March 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, 17 MAR**

### **Guest Speaker:**

**Alan R. Perry, ESQ**

### ***The Pueblo Lands***

*A history of San Diego's acquisition, at no cost, of nearly 50,000 acres - about 20% of the present City. It is a story with heroes and villains, famous people, success and mistakes and above all, 23 years of the City's perseverance!*

### **Location**

#### **94th Aero Squadron**

8885 Balboa Avenue

San Diego, CA 858-560-6771

6 p.m. Social/Networking

6:30 p.m. Dinner

7:30 p.m. Program

### **St Patty's Dinner - \$25**

*Garden salad with honey mustard dressing, choice of Braised Corn Beef and cabbage with roasted new potatoes and fresh veggies*

or

*Teriyaki Chicken Breast topped with grilled pineapple, rice pilaf and fresh veggies,  
chef's choice of dessert, coffee and tea*

Price includes tax & tip

*Those who do not make a reservation cannot be guaranteed a meal. **If you make a reservation, you are obligated to pay for the dinner.** Those who call in late, in accordance with the tradition established by Steve, will willingly donate a bottle of wine or similar prize to the raffle.*

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

Or: 858 558-4500 - No later than noon Monday, 15 MARCH

## **GENERAL MEETING - January 21, 2004**

*The January Meeting was held at the Olive Garden in Grossmont Center. After dinner, Anne Hoppe introduced the guest speakers, Lee Hennes and Steve Roddick. Lee and Steve spoke on the subject of Condominiums and Condominium Conversions. This topic drew a crowd that included surveyors and non-surveyors alike. After speaking on common interest developments, Lee and Steve opened the floor for questions.*

## **GENERAL MEETING – February 18, 2004**

*The January Meeting was held at the Bali Hai on Shelter Island. After dinner, Anne Hoppe introduced the guest speaker, Clyde Elmore. Clyde provided a brief analysis of his findings based on his years of research of Carey's Map in La Jolla.*

### **Presidents Report**

-April 4-7 is the CLSA/NALS Conference in Las Vegas, NV.  
-Anyone interested in donating old survey equipment and memorabilia for the scholarship auction please contact Mike Butcher or Steve Martin.  
-Dennis McCarty passed away.

### **Vice Presidents Report**

-The next chapter meeting will include Allan Perry to speak on Pueblo Lands.

### **Treasurer's Report**

-The General fund has \$1455.96 and the Education fund has (\$4708.22 currently).

### **Secretary's Report**

-No report.

### **Education Committee**

-Mike Hart announced there are 30 in attendance at the LS Review course. They are half way through the schedule.

### **Membership Committee**

-No report

### **JPPC Report**

-No report

### **Chapter Representatives**

-Office Depot is offering discounts to surveyors, either individuals or companies. See enclosed flyer.  
-If you would like to volunteer your services regarding fire victims, contact Steve Martin at the County.

### **Legislative Committee**

-There is a NAFTA Initiative based on the Model Law. The CLSA reviewed the document. The NSPS stated that they would not endorse the initiative.

### **New Business**

-A motion was made to purchase autographed copies of "Lay of the Land" by Mike Pallamary to be provided for door prizes at the CLSA/NALS Conference. Motion approved.

-Next meeting will be March 17.

Meeting adjourned

Submitted by,  
Andrew G. Karydes, PLS  
Secretary 2004

## **EXECUTIVE BOARD MEETING**

**March 3, 2004**

*ATTENDING: Dave Ambler, Anne Hoppe, Don Woolley, Andy Karydes, Jas Arnold, Allan Wake, Steve Martin, D.K. Nasland, Tony Nothdurft*

### **Presidents Report**

-Dave Ambler opened the meeting at Nasland Engineering's conference room recapping the last chapter meetings topic "Carey's Map".

### **Vice Presidents Report**

-Anne announced Allan Perry, a San Diego attorney, will discuss "Pueblo Lands" at the next CLSA Chapter meeting to be held at the 94<sup>th</sup> Aero Squadron in Kearney Mesa March 17.

### **Treasurer's Report**

-Don reported there is \$4708.22 in the General Fund and \$2335.96 in the Education Fund. There are currently 106 paid members.

### **Secretary's Report**

-Minutes from the February general meeting were approved.

### **Education Committee**

-Mike Hart reported that there are about 30 participants attending for the L.S. Review Classes regularly.  
-There was discussion of having one-day seminars in the fall in addition to or in lieu of the fall Mini Seminars.

### **Membership Committee**

-The chapter has 106 paid members to date.  
- A motion was made to add a line item on the membership invoice to allow members to who wish to make a donation to the Education Foundation. Motion approved.

### **JPPC Report**

-DK reported that there was 1 case reported.

### **Chapter Representatives**

-Steve Martin has been named secretary for the Education Foundation.  
-CLSA representatives will be attending the CLSA/NALS Conference April 4-7 in Las Vegas.  
-Surveying memorabilia and old survey equipment donations are being sought for the scholarship auction at the conference in Las Vegas. Contact Armond Marois regarding any donations.  
-Buck knives and Mike Pallamary's book "Lay of the Land" will be provided for door prizes.

## Legislative Committee

-No report

## Newsletter Committee

-Discussion regarding reducing the file size of the newsletter to enable those receiving the newsletter by email to download more easily.

## Old Business

-Volunteers are still being sought to assist fire victims in locating property lines in order to rebuild fences. If you would like to help, please contact Phil Guirbino at the County.

## New Business

-2004 LS/LSIT Exam Is April 16-17.  
-The next executive board meeting will be held March 31 due to the CLSA/NALS Conference in April.  
-The County of San Diego is pursuing a GPS Real-Time Network.

Meeting adjourned

*Submitted by,*

*Andrew G. Karydes, PLS*

*Secretary 2004*

## Education/Seminars/Workshops

**LS EXAM REVIEW CLASS** – Continuing with 3 sessions remaining that could be essential to getting the couple of points you'll need to put you over the top! The classes have been very very worthwhile and made meaningful and relevant by Vance. The location is at the CALTRANS District office, 2829 Juan St. San Diego and classes begin at 6:30pm sharp. Class will run on Thursday evenings until April 1 with the 2004 LS exam scheduled on April 16-17 this year. \$75 covers the costs of the class. Contact Mike Hart at (858) 385-2117 or Vern Klassen at (619) 688-3195 for more info

**L.S.I.T. Review Workshop** – March 12-14 Concord Hilton Hotel 925-827-2000 or March 26-28 Santa Ana College. For more info contact Paul Cuomo 714-508-1123 day, 949-642-0335 eves.

**LS Review** – by Pacific Land Seminars continuing. March 19-21 Concord Hilton Hotel 925-827-2000 or March 26-28 Santa Ana College. Contact Paul Cuomo.

## **Effective Boundary Dispute Resolution in California**

- in San Diego March 8, 2004. Featuring our own Mike Pallamary. Phone (800) 930-6182 or register on-line at [www.nbi-sems.com](http://www.nbi-sems.com).

**Subdivision Map Act** - UCLA Extension. March 19, 2004 in Los Angeles. Phone (310) 825-7885. Enroll on-line at [uclaextension.edu](http://uclaextension.edu) at the "Quick Enroll" tab and enter the Reg # Q3269H or after March 5 Reg # Q3270H.

**GIS Summer School** – Earn a GIS certificate. July 6 – Sept. 3. For more info see [www.UCRExtension.net/gis](http://www.UCRExtension.net/gis).

**U.C. Riverside & Santiago College GIS/GPS Surveying programs** - see [www.UCRExtension.net/geo](http://www.UCRExtension.net/geo) and [www.sac.edu/degrees/geography\\_information\\_degree.htm](http://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.

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.

## Scholarships Awarded

I had the pleasure of attending the 43rd annual Geomatics Conference at California State University, Fresno on January 23rd where the San Diego Chapter presented two scholarships. The Dana Seguin memorial scholarship (\$750) was awarded to a Junior in the Geomatics Engineering program, Iley Ballinger. A Fresno native, Mr. Ballinger was Valedictorian at Clovis West High School and is on the Geomatics Engineering Honors Program. He is working towards a BS in Geomatics Engineering in the spring of 2005 and an MS in Civil Engineering in the spring of 2006. His goal is to open up a Surveying Department at the Civil Engineering Firm where he currently works part time and to possibly open up his own Surveying and Engineering firm in the future.

The Curtis M. Brown Memorial Scholarship (\$1500) was awarded to Sylvia Dietsch as announced at the last Chapter meeting. The Scholarship was awarded thru the CLSA Education Foundation this year and President Bob Hart had me present the award on behalf of the Chapter and CLSA. Sylvia is unique because she is earning her BS in Geomatics Engineering via the distance learning program (4.0 GPA so far). She received a BS in Mechanical Engineering from San Diego State University Magna Cum Laude in 1983 and a TWIN award (Tribute to Women In Industry) in 1995. After 15 years in Engineering, Sylvia found a passion for Surveying. She volunteered as a Surveyor at CALTRANS for 5 months, worked as a student intern for the City of San Diego and now currently is employed at Nasland Engineering. Sylvia also won a \$1000 scholarship from CALTRANS at the Conference. It appears we are not the only ones who recognize the hard work and dedication to Surveying.

Congratulations again to Iley Ballinger and Sylvia Dietsch on their superior achievements. As a side note, I had the opportunity to meet a past Curtis M. Brown Memorial Scholarship winner at the State CLSA Board meeting. Kurt Lehnhardt is now a Chapter Representative for the Channel Islands Chapter and is active in their Scholarship program. A lot of effort has gone into building up our Scholarship program over the years and it is good to see the successful results.

- Steve Martin

Dear San Diego Chapter of CLSA

Thank you so much for your continual support of the Geomatics Engineering Program and of the students within the program. Without your generous heart, most of the students in the program would not be able to graduate in four years debt free. We have financial needs that have to be met each year in order for us to continue our education here at Fresno State. Without your support, we would not be able to meet these financial needs of ours and thus could not graduate in four years. But you are a faithful supporter and you have blessed me by electing me as the recipient of your generosity. Like the many students before me that have benefited from your kindness, I too am very grateful. I hope you will continue to support me and my fellow students in the future as you have in the past and present. I thank you once more and wish you a merry life.

I am sorry that Dana Seguin is no longer with you. You have done so much for me already, but I have another request. Can you please mail back to me a letter about Dana Seguin. I feel bad that I do not know much about who he is even though I was the recipient of his scholarship. Thank You.

Sincerely

Iley Michael Ballinger  
2406 Stanford Ave. Clovis, CA 93711  
iball@csufresno.edu

### **Trig-Star Winners**

Huy Nguyn is the first place winner and Brennan Mack is the runner-up of the Trig-Star competition held at Vista High School. Vista High was sponsored by Kevin McHugh of RBF.

### **EMPLOYMENT**

#### **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](mailto: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](mailto:jobs@hunsakersd.com)

(858) 558-1414 FAX, or mail to: Hunsaker & Associates Inc., San Diego, 10179 Huennekens Street, SD 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](mailto:mail@maygroupinc.net)

**MacKay & Somps 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 & Somps, 2430 Camino Ramon, Suite 125, San Ramon, CA 94583, fax 925-901-1195 or email [Opportunities@msce.com](mailto:Opportunities@msce.com).

### **NOTICES**

## From Mike Pallamary

- I wanted to drop a line to my friends to let you know where I've been. I had hoped that 2004 would turn out to be a good year but the jury is still out. Following my back surgery in mid-December, I ran into some more complications and I ended up in rough shape from that effort. Whereas I should have been resting in bed, I had to travel to Florida where I joined my family in assisting my Mom in dying of cancer. It was pretty rough but in the end, it proved to be a wonderful experience.

- When I returned home, my condition worsened as I had an intense and extraordinary pain and spasms in the left leg. I was then hospitalized for eleven days. I had surgery on my leg while at the same time, they knocked out the lower half of my body with a nerve block in the hopes that the pain would stop. They also hoped to "reset" my lower nervous system so that the spasms and other problems would stop. Today is the first day at home so I am hopeful the plan works as the whole process was very, very painful.

- Due to the nature of the medication I am currently taking (and now trying to stop taking), I am a little big sluggish. As such, I am going to try to catch up on the news and then get myself back in shape so I can return to work.

- I hope each of you has a wonderful and happy new year. I miss each of you and I am thankful to have you in my life.

*Editors note: This was written with Mike's permission. Deepest condolences to Mike over the loss of his Mother. We wish Mike comfort from his sorrow and relief from his back problems.*

- On another note - Mike's new work "**Lay of the Land – the History of Land Surveying in San Diego County**" is a monumental essential book on Surveying history in the San Diego area. The Surveying community owes Mike a deep depth of gratitude for putting together such a fine product. We hope to include Mike at a future meeting to discuss this outstanding achievement. For those of you who have not seen a copy, his introduction mentions a virtual who's who of current Surveyors in San Diego. Don't wait – get a copy now. I would think that the nominal expense barely covers Mike's time and cost in creating this excellent book. Contact Mike at [mpallamary@pipeline.com](mailto:mpallamary@pipeline.com) to obtain a copy.

## CLSA/NALS Conference



## REGISTER TODAY!

April 4-7, 2004

Las Vegas Hilton - Las Vegas, NV

For program/registration information, visit:

<http://www.californiasurveyors.org/files/lvconf.html>

- Reminder: Hotel rooms are filling quickly. Deadline to make hotel reservations is March 3rd.

## QUESTIONS?

707-578-6016

[clsa@californiasurveyors.org](mailto:clsa@californiasurveyors.org)

## CLSA Strategic Plan

- see attached email document, or contact the CLSA State organization or any Chapter Rep.

## The Value of TACs - From BPELS Liaison

The Technical Advisory Committees (TACs) that serve the Board of Professional Engineers and Land Surveyors are made up of professionals appointed by the Board. These TACs perform several important functions. The TACs advise the Board on issues of relevance to their discipline, they research subjects at the request of the Board and they work on special projects at the direction of the Board. That is until recently.

In years past, the LSTAC, for example, has been asked to review LS applications, to review facts in disciplinary cases, to develop a form for documenting relevant experience for Land Surveying Interns, and to assist in revising wording in certain of the Board Rules. The other TACs, including the mechanical, electrical and civil engineering committees have carried out similar assignments.

The Governor's Budget summary (page 216) for Fiscal Year 2003-2004 limited advisory boards and commissions, to a single meeting a year. Obviously, this directive was intended primarily to reduce outgo of state monies. A Budget Letter was issued by the Department of Finance on January 29, 2003, that directed all state agencies to implement this new practice. The letter said, in part,

*"As directed in the 2003-04 Governor's Budget Summary (page 216), all State advisory bodies are to limit their meetings to one annually, if such limitation does not require statutory change. This practice should produce savings and contribute to the solutions to the budgetary shortfall. All advisory bodies are requested to implement this new practice as soon as possible.*

*Per Government Code Section 13337.3 (a) (1), "Advisory body" means every board, bureau, commission, committee, panel, task force, or similar group created by statute or executive order whose principal function is to review, advise, plan, advocate, or promote."*

Neither the budget summary nor the budget letter addressed self-funded boards such as ours. Subsequent to that order, the Board's legal counsel interpreted this order as applying to the TACs. In addition, counsel ruled out coordinating TAC work via email or conference calls in the absence of actual meetings, citing such communication as a violation of open meeting laws.

This has effectively brought the work of the TACs to a standstill and with it, much of the work of the Board, as well. While many tasks can be carried out by Board staff, they are short-handed

and are subject to an ongoing hiring freeze. In short, the Board needs our help.

The California Board of Professional Engineers and Land Surveyors is a self-funded Board. Their revenue from license renewal fees and exam application fees, results in a surplus of money with which they would theoretically be able to operate quite effectively in the black. However they are prevented from using this money and currently operate on a greatly reduced budget. That is bad enough, but suffering under a blanket policy that unreasonably prevents the operation of the TACS is intolerable.

We need to get the business of the TACs and the Business of the Board back on track. I urge you to contact the administration and request the modification of the budget memo insofar as its effect on self-funded Boards. You can contact the governor at the following address:

Governor Arnold Schwarzenegger  
State Capitol Building  
Sacramento, CA 95814  
[governor@governor.ca.gov](mailto:governor@governor.ca.gov)

#### **From Curt Sumner ACSM President regarding GIS property locations**

The message below relates to a situation that occurred in Tennessee recently. It involves two cases in which a GIS location for properties were deemed to supercede actual ground surveys.

- I thought you should see this. State Executives may want to share it with their members.
- NSPS leaders may want to consider if this is an issue we need to take up and try to influence any future such situations.

Curt,

Lori asked me to respond to your inquiry. It a fairly long story and is probably going to get longer and wider.

The issue started in a case styled "Landworks, Inc., et al v. John Leslie Vick" (No. E2001-00615-COA-R3-CV) in the Court of Appeals of Tennessee at Knoxville from a Chancery Court in Cocke County. This case is available on the web but I don't know exactly how I tracked it down and printed it. Essentially it started a precedent by the courts in Tennessee to use tax maps to determine specific areas on which taxes are paid. The exact boundary as shown on the tax map is held to be the exact land on which taxes were paid without regard to the dimensions or configuration shown on a plat of survey of the title boundary. Why is payment of taxes an issue? Tennessee has a pair of statutes that there is a presumption of ownership by simply paying taxes on property for 20 years (TCA 28-2-109), and a person is forever barred from recovery of property on which he has not paid the taxes for 20 years (TCA 28-2-110). The statutes are not bad per se but the courts using the tax maps as prima facie evidence of precisely what land is involved is the problem. None of the tax maps have the property mapped correctly and this creates gaps and gores that could modify every parcel boundary in the state after 20 years of tax payments based upon this ruling. The surveyor should just check the tax records and if the owner has 20 years of payment of taxes just chuck the deed and scale the

coordinates from a tax map. Recently, this very thing happened in the Chancery Court of Benton County, Tennessee. I surveyed a 1500-acre tract of timberland as Special Master of the Court. The tract had only been sold 3 times from the original grant. I was able to retrace the boundaries with satisfaction that I had "walked in the footsteps of the original surveyor." This tract was held by heirs that probably could not locate the property if they were required to. It was known to the locals as "the old survey" and had been encroached upon for decades by surveyors, garbage dumping, firewood cutting and such. A claim was made for a 60-acre tract right in the middle of this large tract based upon where the tax assessor had drawn it. The tract was a rectangle with dimensions and called for different adjoiners on all 4 sides. None of the adjoiners were in the chain of title for the tract in which it was contained. I was not able to locate any of the adjoiners in the chain of title for any of the tracts abutting this grant. I was not able to find where this tract was supposed to be located and the chain of title went back a couple of deeds and ended. I was able to testify that the tract was not sold from the grant and was never a part of it. I was able to testify that the description did not place the 60-acre tract within the grant. When the tax maps were drawn, i'm sure the low bid mappers could not locate the proper location of the tract either. So they found a big clean place in the middle of this big 1500-acre tract and drew it in. The tax assessor testified that the taxes were paid on the rectangle of land and that the owners of the big tract paid taxes around it and not on the rectangle. The Chancellor ordered me to scale the coordinates of the rectangle and monument it on the ground as the property of the parties making the claim based on the Landworks case.

This has grave implications of misuse of informational documents by courts as GIS systems are proliferated. In the cases cited, it appears that survey plats are being trumped by tax maps that were never intended to represent exact location or precise boundaries. My stamped and certified plat and expert testimony was trumped by the temporary help used to put parcels on maps for a bid price of around \$5 a parcel. There needs to be a well crafted law put into place to make sure that this does not continue. Every client has to been the tax assessors office and if asked if he has a plat of his property he will pull out a photocopy of the property from the assessor's office. The assessor's know the parcels are not correct but continue to hand them out with pride and confidence to the public. Imagine what will happen when GIS technicians start to hand then out with bearings to the second and distances to the hundredth. However, it will make our job easier. We can download directly to our data collector and go stake....no more clumsy scaling!!

Max Billingsley  
118 Miller Avenue  
Jackson, TN 38305

-For more information contact Curt Sumner:  
[CSumner@ACSM.net](mailto:CSumner@ACSM.net) or Max Billingsley:  
[kmaxb@bellsouth.net](mailto:kmaxb@bellsouth.net)

**CSRC Mater Plan for a Modern California Geodetic Control Network** has been completed. The intent of the Master Plan is to establish and overall plan for a modern, statewide geodetic control network – its basic policies and scope. For more information or comments contact the CSRC Coordinator at 858-

534-8031 or [spike@ucsd.edu](mailto:spike@ucsd.edu). Visit the web-site at <http://csrc.ucsd.edu>.

### Urgent: Congressional Letters Needed

Budget request letters are needed for FY05 and must be in by March 1st. Please fax/email letters similar to the attached draft to Congressman and Senators in your district and California's Appropriations Committee members. The listed web page <<http://www.house.gov/writerep/>> provides names and addresses. We also need this request sent to your associates and partners through email lists and followup phone calls. We need to keep track of letters sent, so please have copies sent to me by email [gahelmer@rbf.com](mailto:gahelmer@rbf.com) or fax 949-855-3635. Thank you for rushing this through.

Gregory A. Helmer RBF Consulting PO Box 57057 Irvine, CA 92619-7057 Ph 949-855-5734 Fax 949-472-8373

March \_\_, 2004

The Honorable Congressman [Senator]

Dear Congressman [Senator]

I am writing on behalf of the [firm or agency name] to ask that you contact your colleagues on the House Commerce/State/Justice Appropriations Subcommittee and urge them to support \$3 million for the California Spatial Reference Center (CSRC) within NOAA's National Ocean Service Geodesy account (an increase of \$1 million above NOAA's FY 05 budget request).

The CSRC was established in 1998 as an official Support Group of the Regents of the University of California. In partnership with the National Geodetic Survey (NGS), CSRC ensures the availability of accurate, consistent, and timely horizontal and vertical reference system for California. The CSRC is leveraging the work of earthquake research programs, matched with the growing expertise of the private sector, to deliver state-of-the-art positional data to support mapping, geographic information systems, engineering infrastructure, environmental management, and emergency response efforts throughout the State. The demand for accurate positional data has never been greater. From engineering drawings to maintain our aging infrastructure, to modernized maps for national defense and homeland security, to the personal navigation system in the next model year cars, accurate and dependable geographic data touches modern society in a vast array of unique and valuable applications. Every one of these applications is dependent upon the backbone framework of geodetic control and data models that is the spatial reference system.

The CSRC has received funding of one million dollars annually through the Department of Commerce and NOAA for the past three years. This funding, along with support through Caltrans and other local agencies, and the extensive investment in earthquake research by the scientific community, has allowed CSRC to complete several initial projects and develop methodologies that are now being modeled in several other states. Over one-half of this money has gone out, or been set

aside in current budgets, for contracts to the private sector. With National Science Foundation funding of EarthScope and the Plate Boundary Observatory, and the Center's close relationship with the geophysical science community, CSRC is leading the nation in the efforts of NOAA's National Height Modernization Program.

California's ground-surface movements demand unique and innovative solutions to provide and maintain an accurate, consistent spatial referencing system throughout the State. CSRC has proven that an effective and efficient solution is available through partnerships with the scientific community, academic institutions and the private sector. The federal funding to date has allowed the CSRC to accomplish the demonstration goals outlined in House Report 205-107 and to establish California as the preeminent leader in regional spatial reference systems. Increased funding levels will allow CSRC to implement the Master Plan approved by NGS, and to lead efforts for national implementation of Height Modernization.

*I urge you to contact your colleagues on the Appropriations Subcommittee on Commerce/ Justice State and ask them to include the \$3.0 million funding proposal in NOAA's geodesy program to update and maintain a reliable, modern spatial reference system for California.*

*Thank you for your attention to this request.*

Sincerely,

### Condominium Conversions

The following comments were requested to be placed anonymously in the CLSA newsletter and are suggested to be placed on all condominium maps that are generated by the members, where the maps are of an existing building:

"This is a map of an existing structure. This plan is a space and distance drawing. This plan is not a survey of structural engineering, roof surface, building utility and electrical systems. This plan is not a survey of termites."

- The LS members are of the impression that because they are LS Licensees only, that they are protected because of the license limitations for survey and not for engineering or building inspection. This is concluded not to be true and specifically where they are members of a firm that includes structural, registered civil engineers (pre 1982) and professional civil engineers (post 1982.)

- Members are advised to place the below note on all condominium maps or they will face civil and criminal liability because of limited reconstruction effort by Owners in condominium conversions.

- Proposed CLSA standard notation on condominium plans for condominium conversions:

"THIS IS A MAP OF AN EXISTING STRUCTURE. THIS IS A SPACE AND DISTANCE PLAN AND NOT A SURVEY OF OTHER MATTERS RELAVENT TO THE STRUCTURE AND PROPERTY."

- *The CLSA San Diego Chapter does not necessarily endorse these concerns. Anyone wishing to form an Ad Hoc committee on this or any other proposed Chapter issues should contact the Chapter President, Dave Ambler.*

## Geodetic Stations Discrepancy

Hello San Diego County'ers:

I got word today that two distinct geodetic stations got "integrated" sometime in the past because they shared the same designation. This discrepancy was uncovered during geoid model research by Dan Roman.

By the way, the new model, GEOID03, was published on Dec 30; if you retrieve datasheets now, you will notice the new tag given for the geoid height. You can start pestering your GPS equipment manufacturer's representative as to when they will incorporate the new geoid model into adjustment software!

- The details about the unintegrating of the two points is taken from an email sent out by Kathy Koepsell in Silver Spring.

Please let your colleagues know about these points.

- Burt Smith and I did some research on the second PID DC0109 and discovered that two distinct marks designated "OCOTILLO RM 2" in Imperial County, California, used to exist in the NGS data base. Sometime in the past, they were erroneously integrated. Earlier today, Burt "un-integrated" some of the data that were stored in the NGS data base (NGSIDB) for PID DC0109.

- The GPS-related data are now located under PID DG3919, and this mark was redesignated from "OCOTILLO RM 2" to "OCOTILLO NCMN RM 2" since it was associated with the 1982 horizontal control station "OCOTILLO NCMN 7270" (PID=DB1234). The NAD 83 position for "OCOTILLO NCMN RM 2" is now: N324723.27493, W1154748.32433; and its only orthometric height in NGSIDB is now: -2.38 meters (determined by GPS and based on NGVD 29).

- PID DC0109 is still designated "OCOTILLO RM 2". Its SCALED, NAD 83 position is: N324400, W1160005; its best orthometric height in NGSIDB is now: 145.0014 meters (determined by normal differential leveling and based on NAVD 88).

- If you have any questions or comments, please let me know.

Happy New Year!!

Cheers,

Marti

Ms. Marti Ikehara

National Geodetic Survey

State Geodetic Advisor for CA

(916) 227-7325 Marti\_ikehara@dot.ca.gov

**Allen Instruments & Supplies** would like to announce the hiring of **Roy Sawinski**. Roy has been in the retail survey business for 10 plus years in San Diego. Roy previously worked at Servco, FieldWorks and Sokkia.

- Roy will be in charge of showroom and supplies sales in our new 5000 square foot retail office.

- Please feel free to contact Roy Sawinski @ 858-451-8140 or swing by our new San Diego location at:

Allen Instruments & Supplies

11305 Rancho Bernardo Road, Suite 120

San Diego, CA 92127

## 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](mailto: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](mailto:steveshambeck@hfinc.com)



**Steve's note about Ray Huett was missing a few lines in the January newsletter:**

- Longtime County Party Chief Ray Huett passed away December 12th from Melanoma. At 57 years old, he was planning on retiring this year when the cancer he beat 5 years ago resurfaced. He was the kind of guy that all of the jobs he worked on went smoothly. His Fieldnotes were always concise and with a lettering style that was textbook perfect. Surveyors who research County Fieldnotes will notice this for years to come as the 34 years of notes he produced provide answers to what has occurred in the past. Ray enjoyed sports, hiking, and camping with many family trips to the desert. Born in Iselworth, England in 1947, he moved to the Escondido area in 1957. Ray played Baseball at Escondido High and Palomar College and Professionally for the Minnesota Twins minor league team until an accident and broken arm ended his big league dreams.

The photo above (Ray with the Electrotape on Lyons Peak) was featured on a display at the County Map Processing counter about the Monument Preservation program that Ray participated in. The caption on the display read "Surveying with the Old Style Instrument." When the display was moved over to the Field Surveys office after a few years, one of the younger pranksters changed it to read "Surveying with the Old Style Instrumentman." Ray got a good-natured laugh about that. He will be missed.

**Rare opportunity for Professional Land Surveyor or Land Surveying firm** interested in practicing in La Jolla and other coastal communities

- If you or your firm are interested in learning more about this opportunity please feel free to contact me at 858-454-4094 or, e-mail me at [mpallamary@pipeline.com](mailto:mpallamary@pipeline.com). To learn more about my practice, please visit my website at



[www.pallamaryandassociates.com](http://www.pallamaryandassociates.com). All replies will be treated confidentially. Michael Pallamary, PLS 4830

**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.

**Unique Advertising Opportunity** - The San Diego Chapter offers banner advertising space on its web site, [sd-surveyors.org](http://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](mailto:awake@sandiego.gov) and at [48wake@cox.net](mailto: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](mailto:jarnold@rickeng.com).

### Editor's Note

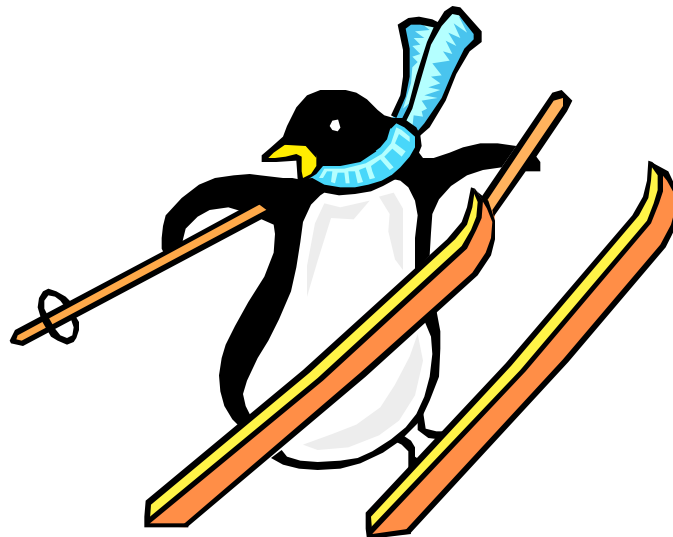
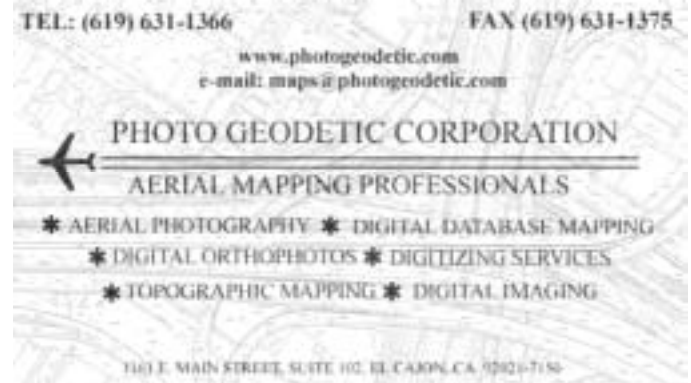
There is some space left for a real good story about the toe to toe, nose to nose, eye ball to eye ball stand off between two colorful Surveyors I had the chance to work with – to protect the innocent lets just say their names are Orville Jackson and Duane Leekoff. It all began over a stupid – but before I begin, let me tell you a few things about these two characters.... You

know what, boys and girls, this months newsletter is kind of getting too overdone, so maybe I'll resume this great, not to be missed saga next time.

### 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!



*Best wishes to Anne Hoppe who is recovering from a skiing mishap*

**California Land Surveyors' Association**  
**BOARD OF DIRECTORS MEETING**

Held on Saturday, January 31, 2004 at the Hilton Oakland Airport, in Oakland CA

Report by Tony Nothdurft

In attendance from the San Diego Chapter: Jack Roth, Allan Wake, Steve Martin, Tony Nothdurft, Jeff Safford, Gary Hus

**- Approval of Minutes; October 2003 Board of Directors meeting**

Minutes Approved

- 2003 Officers and Committee Reports

- President's Report-Ray Mathe

- President Elect's Report – Bob Hart

- Secretary's Report – Armand Marois

- Treasurer's Report – Robert Reese

\*2003 Financial Statement is included in the Agenda

Total Assets = \$318620.21

\* Requested that 1% Emergency fund established in early days of association be eliminated from budget due to current net worth. Approved.

- Immediate Past President's Report – Marc Van Zuuk

- Executive Director's Report – Dorothy Calegari

\*LAND SURVEYORS WEEK – At the request of CLSA Governor Schwartzenegger is expected to sign a resolution in February declaring Land Surveyors Week April 4-10, 2004. A Promotion package will be made available to the Chapters to help promote the profession at the local level when approved.

\*CLSA Website has been updated to allow online membership payment of dues. A listing of sustaining members has been added to the site.

\*Office Depot Membership Discount has been established as a benefit. CLSA members are able to order supplies and equipment online, by phone or in store for a substantial discount (30% to 70% depending on item). See attached flyer.

\*CLSA Publications at 35% discounts.

\* New "anti-spam regulations regarding email and fax communications affect non-profit associations. CLSA is required to obtain members consent in order to send email and fax communication regarding meetings, publication, events, etc. It is recommended that the chapters include a consent form or statement on the local application.

\* CLSA membership renewals and ID cards have been mailed with Member numbers which provide access to the members only portion of website and Office Depot Discounts.

**- Report on Executive Committee Meeting(s)/Action – Armand Marois**

NAFTA – Mutual Recognition Document (MRD)

NCEES and The United States Council for International Engineering Practice (USCIEP) have written letters to NSPS concurring with CLSA's position to not support the MRD. In addition CLSA has asked to have a representative involved with the composition of the document to come to a satisfactory agreement on the matter.

The 3 overriding issues as defined in the USCIEP's review of the MRD with which CLSA is at odds are:

1. Like the model law, the MRD proposes a 2 tiered licensing system that would confer separate licenses for boundary surveying and non-boundary surveying (Geomatics)
2. While Boundary surveying would be regulated, non-boundary surveying would not. Boundary Land Surveyors would be required to hold a license issued by or on behalf of the jurisdiction in which practice is undertaken, but non-boundary surveyors who hold a license in any jurisdiction would be permitted to practice Geomatics activities.
3. The MRD does not establish minimum education requirements for licensure nor does it address the types of mechanisms such as written examination that are used to assess minimum competence. This is particularly worrisome since education and examination support uniform standards that safeguard the health, safety and welfare of the public.

Reporting on County Engineers Association Meeting.

- BPELS:

\*Being affected by state budget cuts including loss of staff even though fees for the exam paid by applicants is sitting in an account which cannot be accessed. Their enforcement log is huge and growing with no way to keep up with the workload.

A motion that CLSA request legislation be proposed that self-funding boards be exempt from the state budget cuts and hiring freezes and allow them to process budget change proposals to access their accounts carried.

- Caltrans:

\*85% of budget is federally funded so little impact on state budget.

\*Report of Monumentation Backlog in the majority of the Counties.

- Deceased Surveyors maps.

\*Discussion of the recording of unfinished deceased Surveyor's maps to be signed by the heirs or otherwise recorded met resistance by a few County Surveyors and must go back to the legislative process.

#### **- Installation of 2004 Officers**

- Resolution #2004-01 Granting Life Membership to Ray Mathe - Moved.

- Resolution #2004-02 Installation and Delegation of Duties for the Executive Director to Dorothy Calegari for 2004 – Moved

- 2004 Officers and Executive Committee Members Appointed

Bob Hart – President

Armand Marois – President Elect

Robert Reese – Secretary

Carl C. deBaca – Treasurer

Ray Mathe – Immediate Past President

Linda Richardson – Executive Committee

- 2004 Standing and Special Committee Appointments: Committee-Chair

Advanced Technology – Dan Bustamante

NSPS – Armand Marois

Bylaws – Linda Richardson

TrigStar – Andrea Hayes

Legislative – Mike Butcher

Nominating – Ray Mathe

Membership – Hal Davis

GIS – Mike Ford

Professional Practices – D.K. Nasland

Education – Bob Hart

Workshop – Jerold Peterson

Newsletter – Phil Danskin

CSRC – Dave Ryan / Mike McGee

BPELS – Carl C. deBaca

WFPS – Ray Mathe / Pat Tami

NCEES – Howard Bruner

Caltrans Liaison – Tom Taylor

A Strategic Plan for the California Land Surveyors Association has been prepared and reviewed to help guide the committees to obtain objectives for this year.

#### **- Division/2003 Committee Reports**

- Administration Division:

- Education Division:

\* Education Foundation is soliciting Scholarship funds for this year.

\*Trig Star – This years test has arrived from NSPS and is being distributed to active coordinators.

\* Work Shop Committee held 2 Seminars last quarter. Legal Description Systems by Dennis Moulard requested by the Channel Islands Chapter and Boundary Control and Legal Principle by Walter Robillard requested by the Sacramento Area Chapter. Chapters are encouraged to utilize the State Workshop Committee to produce requested workshops/seminars in their areas.

\*BPELS Response to Letters from CLSA opposing the NCEES policy of no communication or text editing calculators allowed in the exam room is that it will be enforced for the morning NCEES portion of the exam to comply with National standards but not for the State specific portion of the exam in the afternoon.

- Legislative Division:

WFPS- Washington State has prepared a new GPS manual through their Department of Natural Resources.  
ACSM – ALTA Requirements are under review. Will hold off on making comments till a draft is available.

Legislative – Active Committee Report

Approved 2004 Legislation:

\*Temporary License – Committee to obtain additional background information from BPELS for 2004 omnibus.

\* SMA 66452.6.a2 Automatic time extension of tentative map, re-establish Statewide index for offsite improvements. Inadvertently left out of 2003 Omnibus bill, already in the works for 1<sup>st</sup> item in Omnibus bill 2004.

\*SB 1078 Recordation of map prepared by surveyor now deceased. Still receiving opposition from certain County surveyors. The committee will continue to work with CEAC to satisfy concerns through permissive language and submit in 2004.

\*Public Resources code – Proposed Legislation regarding Orthometric height and Geodetic coordinates.

\*SMA 66442. (a) Requires only signature (not seal). Propose to add the requirement for both signature and seal.

\*SMA 66442.5 – Surveyors Statement – Statement should be consistent with required information per section 66441.

- Membership Division:

\* Hal Davis reported that we had 1918 State CLSA members in 2003 and have a goal of 2000 members for 2004.

\*Retirement Corporate member grade granted to

Richard Bishop, PLS 4858 Manteca CA., Michael Brunelli, PLS 4062 La Palma CA, Ronald Kosin, PLS 3899 Grass Valley CA

- Conference Division

\*2004 CLSA/NALS Conference will be held April 4-7 at the Hilton in Las Vegas Nevada. Registration information is posted on the CLSA website and the preliminary program will be available in February. Chapters are requested to provide Door Prizes, Auction Items and Donations for Student Assistants.

- Chapter Reports:

\*Included in Agenda.

- **New Business**

\*Steve Marin moved that 500 copies of the “How the Land Surveying Profession Serves the Public” flyer be provided to the County of San Diego to be passed out to Fire Victims in search of assistance to locate their boundaries and aid in the recovery process as a part of their Voluntary Land Surveying Services program. Motion passed.

(Note: These flyers are being made available to the victims at affected Community meetings and the San Diego County Survey Records counter).

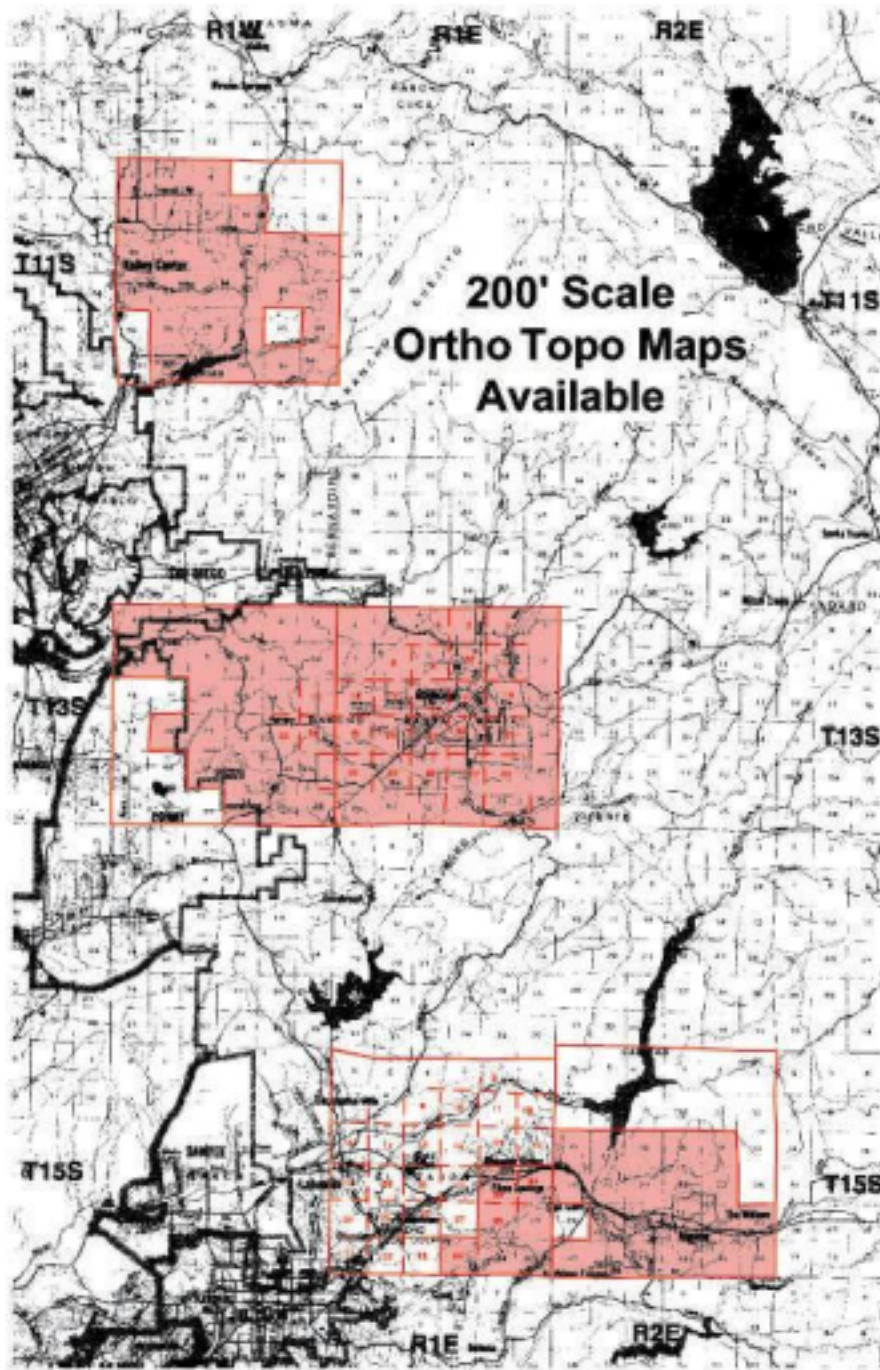
- **Next Board Meeting:**

\*April 24, 2004 in Riverside (Ontario)

\*Tentative Schedule: July 31, 2004 San Diego, October 30, 2004 Sacramento.

- **Items requesting Chapter Discussion / Action:**

1. Suggest Local Chapters promote the profession through media etc. during Land Surveyor’s week.
2. Reminder that travels reimbursement to state must be submitted within 90 days of travel.
3. Conference: Soliciting Door prizes, Auction items and funds for Students who help with Conference. (Note: San Diego Chapter has already committed to providing Buck Knives and copies of Mike Pallamary’ s new book “Lay of the Land: The History of Land Surveying in San Diego County”).
4. Suggest incorporating an Email Consent Checkbox in Membership application due to the new “anti spam” regulations.
5. Spread the word, Office Depot Membership Discount.
6. Education Foundation is soliciting Scholarship funds for this year.
7. Chapters are encouraged to utilize the State Workshop Committee to produce requested workshops/seminars in their areas.



### **New County 200 Scale Ortho-Topo maps available**

The County of San Diego has been quietly producing 1" = 200' scale Ortho-Topo maps for the past few years. These updated Ortho-Topo maps are in a 1 square mile or 1 Section per map sheet format and are available at County Survey Records. Attached is an Index showing the availability of these new maps sheets.



### **Dennis R. McCarty**

The Professional Land Surveyor's community lost one of their own with the passing of Dennis R. McCarty on February 2, 2004. He passed away peacefully at his home in Solana Beach with his family at his side. Dennis was born on October 23, 1937 in New Bedford Massachusetts and moved to San Diego with his family at the age of 12. He attended San Dieguito High School and graduated in 1955. While in High School at the age of 16 he obtained an entry level field and office position with the Civil Engineering and Surveying firm at Dewey, Burk & Fefferman in Rancho Santa Fe. This experience triggered a spark in Dennis to pursue the land surveying profession, which he did until his passing. He obtained a Professional Land Surveyor's license from the State of California at an early age and provided professional surveying services throughout San Diego County for almost 50 years. He earned the respect and deep admiration of his clients and fellow survey professionals due to his personal integrity, gentle demeanor and accurate work. His technical knowledge and field experience in land surveying made him a great teacher to his co-workers which has inspired over 20 of his students to seek out the grueling education and licensing efforts necessary to establish a career in the survey field he practiced and loved. Many of his prior students and co-workers continued in the Land Surveying profession and are now the current leaders within the surveying industry in San Diego County. He was an employee of Rancho Santa Fe Engineering Company from the early 1970's and went on to become a principle with Buck McCarty Engineering Company of Escondido from the mid 1970's until the 1980's when he formed the surveying firm of Santa Fe Surveys in Solana Beach. The survey markers set by Dennis over the years delineating property boundaries can be found throughout San Diego County and will be relied upon by fellow surveyors retracing his footsteps for many years to come. He is admired by his friends and fellow professionals for his commitment to his family, friends and his profession through unwavering kindness, humor and dedication. He will be deeply missed by all those people who had the opportunity to know him.

Dennis is survived by his lovely daughters Erin McCarty of Solana Beach, and Carey Hoffman of Tennessee, his sister Betty Cutsinger of San Diego and his brother Michael McCarty of Oceanside.

A memorial service for Dennis was held Saturday February 7<sup>th</sup> at 11:AM at the St. James Church, 625 So. Nardo Ave. in Solana Beach with a following reception celebrating Dennis' life at the family residence in Rancho Santa Fe.

The family suggests that in lieu of flowers, donations can be made in memory of Dennis R. McCarty to the Rancho Coastal Humane Society or the American Cancer Society.



Jim Nowlan along with his wife Barbara at his retirement party. Jim shared the moment with family, fellow workers and many friends. Jim started out interested in Pre-med, the Navy or Surveying. He chose the Navy and after ending up in San Diego and out of the Navy started his 35-year career in Surveying. Jim has worked with many of our fine Surveyors and is well known and highly esteemed. Jim was presented with several gifts and awards, including from Jon Blake an "antique" set of chaining grips (what are those – and what's a chain??). Jim continues on as a Consultant with Kimley-Horne. And he will re-build his home in the Mountains which was damaged in the recent fires last Fall. Congratulations Jim on a job well done!!



## **CALIFORNIA LAND SURVEYORS ASSOCIATION**

### **SAN DIEGO CHAPTER**

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

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## CLSA MEMBERSHIP

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As members of the California Land Surveyors Association (CLSA) we are able to unite with our colleagues in the only organization that effectively represents our interests and those who choose to use our services.

The greatest benefit to be derived from membership is the opportunity to establish key relationships with others who are dedicated to the advancement of the surveying profession. Through CLSA you can participate in the exchange of new concepts and ideas. You can help to solve problems that may exist within the surveying profession. You can gain new knowledge and experience through contact with others. You can grow and develop, both personally and professionally.

### Member Benefits

#### Annual Conference

Three days filled with educational workshops, technical sessions & exhibits.

#### CLSA Seminars

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 Website

Provides members with a wide range of resources, including discussion forums, referral services and extensive networking resources.

#### CLSA Publications

Updated annually and available to members at a discounted price.

#### Representation

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

#### Chapter Meetings

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

### Member Savings Programs

#### Office Depot

Save up to 70% on office supplies, furniture etc.

#### Quest - Travel Program

Save up to 50% on hotels, dining, car rentals, airfare and more.

### Snapshot of a Typical Members Savings

Attend one CLSA Seminar .....	\$105.00
(Member price \$80, Non-Member price \$185)	
Attend CLSA Annual Conference .....	\$35.00
(Member price \$175, Non-Member price \$210)	
Purchase CLSA Complete Package Publication .....	\$30.00
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