

# SURVEY NOTES

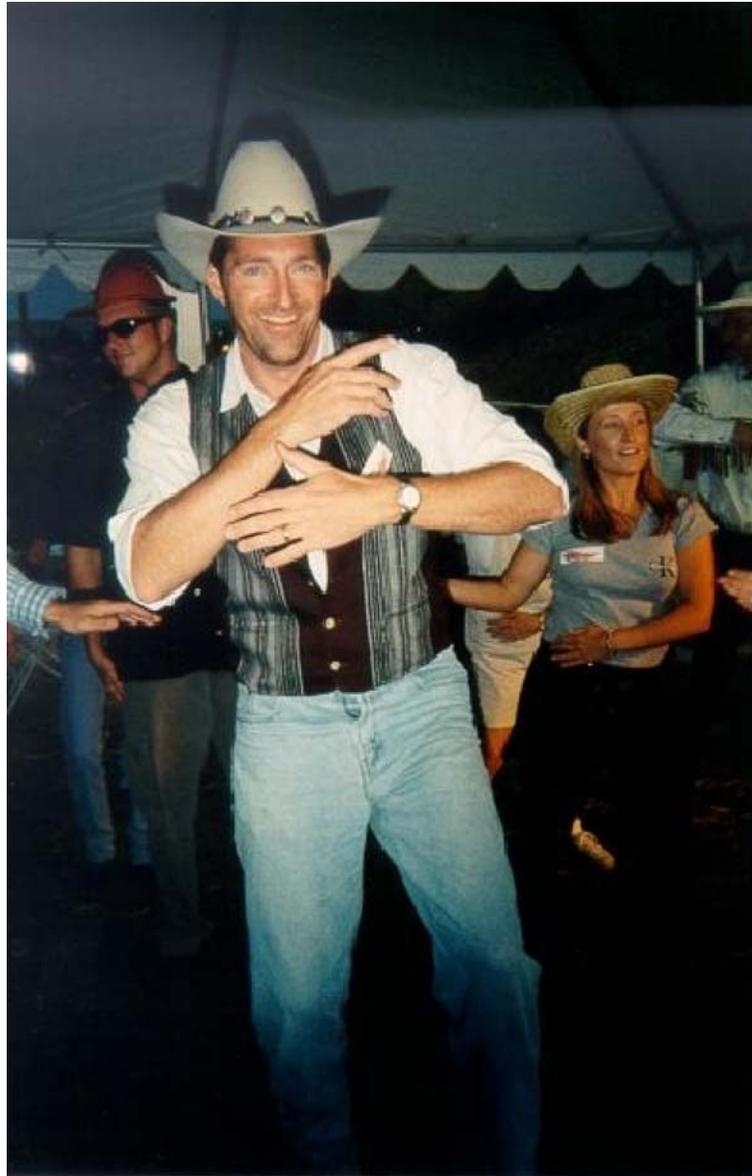
Volume 8 Issue 11

November 2002

**CALIFORNIA LAND SURVEYORS ASSOCIATION, SAN DIEGO CHAPTER**

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

***sd-surveyors.org***



**Dana Seguin – a real Champ!**

Heartfelt words from Dave Viera -

I just wanted to say a few words about Dana Seguin, a man who was greatly admired by all that knew him:

I met Dana about 10 years ago at a San Diego Chapter CLSA meeting. He was the vice president and was busy checking in attendees. This was one of my first Chapter meetings. I was uncomfortable because I didn't recognize anyone there. As I checked in Dana smiled, like only he could, introduced himself while enthusiastically shaking my hand, and immediately made me feel welcome by being, well, "Dana". I couldn't help but notice that Dana was just as friendly and respectful to everyone else there, be it well-known and respected members, or little known "wanabe" surveyors like myself. It was obvious that Dana genuinely cared about all people. Dana never changed, even while courageously battling a serious illness during the past 15 months.

Dana had the rare ability to make the worlds of those around him better places. His wit, sense of humor, and enthusiasm for life had a positive affect on those that had the pleasure of knowing him. Dana went out of his way to offer his friendship to others. He routinely took the time to make new employees at Hunsaker feel at home by inviting them to join him in one of the many things that he enjoyed doing which included surfing, mountain biking, playing basketball, jamming with his band, or simply hanging around having a few "cold ones" after work. The gregarious Dana loved parties and donated countless hours of his time helping with both CLSA and "Hunsaker" sponsored events.

Dana was a great Surveyor. He was also a tremendous mentor, generous with his time to anyone seeking his advise. He was a true professional and a fine diplomat with a gift for getting his point across without ever making enemies. Even if you disagreed with him, you couldn't help but like him. Although Dana was serious about his job, career, and profession, he never lost sight of the lighter side of life. He always made sure to remind you of that in his own unique way. Sometimes it was with a joke or funny story, or in my case it was sometimes with a "friendly" forearm check against a hallway wall just to remind me that "basketball Wednesday" was coming up and that I'd better be ready for him.

Although saddened by his passing, we should be grateful and happy to have been associated with such a quality person as Dana. It was always a good time with him around. We are all better people from the experience.

So long Big Guy.

# Chapter Meeting

## Wednesday, November 20th

*Guest Speaker:*  
**Paul Cuomo**

*Topic:*  
**"Decisions that affect the way we Survey"**

*Paul needs no introduction. His involvement In Surveying education has or will sooner or later benefit your knowledge and expertise in many areas of Surveying. His LS review seminars are a highly successful part of preparing for the LS test. He is a co-author (along with our own Mike Pallamary) of the essential acclaimed survey book Advanced Land Descriptions and author of Surveying Principles for Civil Engineers ( P.P.I. ). Paul is even seen as an attendant at many surveying seminars; even though an expert speaker in his own right, he feels there is always something new that can be learned. We are very fortunate indeed to have Paul visit our Chapter as a guest speaker. Don't miss this event and the opportunity to meet one of the Surveying greats.*

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### **Raintree Bar and Grill in Carlsbad**

755 Raintree Drive, Carlsbad (at I-5 and Poinsettia Lane)  
(760) 438-7919

RSVP no later than noon Monday, November 18th to  
[Steven.Martin@sdcounty.ca.gov](mailto:Steven.Martin@sdcounty.ca.gov) or call 858 694-3161.

### **Dinner Buffet - \$25.00**

*Breast of Chicken & Artichoke heart  
in marinara sauce,  
Char-grilled Angus beef Tri-tip  
in creamy mushroom peppercorn sauce,  
tossed green salad,  
boiled red potatoes and seasoned vegetables,  
diced fresh fruit,  
white chocolate raspberry cheesecake*

## GENERAL MEETING – October 16, 2002

The October meeting was held at The Olive Garden in La Mesa. During dinner, Allan thanked everyone for the record turnout. Business was conducted, see reports below, and then he introduced our guest panelists: Peter Ehlert, City Surveyor - Chula Vista; Lee Hennes, Senior Land Surveyor - San Diego; Phil Guirbino, County Surveyor; Ross Carlson, Senior Land Surveyor - County; Jim Nowlan, Kimley Horn and Associates; Les Carter, Senior Land Surveyor - San Diego; DK Nasland, Nasland Engineering. The discussion was intended to encompass regional standards, controlling evidence, NAVD 88 datums, standards of care and first order ties. However, by popular demand controlling evidence and first order ties dominated the discussion. Les Carter initiated the discussion with the history of the City of San Diego's tie points downtown. Originally red wood hubs were set. Most of the hubs were replaced with 7 x 7 lead and copper tacks. Over the years they were replaced with other lead and tacks and then lead and disks. There are very few original monuments left. The centerline X centerline monuments were set ~40 years ago. They were set from the 7 X 7s in a 'H' configuration. Due to the depression and the war, monuments and tie point sheets were done to keep people employed. Many of the monuments were set by Civilian Conservation Corp workers. The method of setting and documenting any of the points downtown are questionable. A thorough survey needs to be done to obtain and evaluate all of the evidence. Please see Les' handout or email him for any further info at [Lcarter@sandiego.gov](mailto:Lcarter@sandiego.gov).

Lee furthered the discussion with excerpts from Brown's book, "Boundary Control and Legal Principles" in regards to the principle of the public maintaining its' full right-of-way width. There is major redevelopment taking place downtown - block by block. Extensive street vacations are being done. With all of the development and surveying in process, now is the time to 'fix' the conglomeration of the monuments. At the same time, reversionary rights need to be accounted for. The Ballpark and the Horton heirs created a legal battle which the City of San Diego does not want to repeat or be responsible for. In order to show proper reversionary rights, center lines need to be established. This is where using centerline monuments and lead and tacks create a conflict. It has been customary to hold the 7 X 7's, yet has it been correct considering the history and knowing that streets are definite and fixed in width? This is where Jim Nowlan asked for questions or comments. Thank you to Gary Hus, DK Nasland, Gordy McElroy, Jack Roth, Mike Butcher, Mike Pallamary, Jim Nowlan, Tom Harrington, Bill Ring, William Dick, Steve Woods and Scott Hurst for their comments in regards to survey costs, holding full right-of-way widths, customary practice of holding lead and tacks, and the credibility of their past surveys. Phil and Peter continued the forum with first order control ties. It became a requirement in 1999 and it was geared towards GIS. The legislation needs to be reviewed and changed to not be so strict but until then..... Updated coordinates are available with new epochs, but points with different epochs can not be used together. CA is moving one foot every seven years, so be aware of your epochs! It was noted that Chula Vista has a one mile density of 1<sup>st</sup> order control so ties should not be as much of a challenge

in that part of the county. Lee stated that he accepts ROS 14492 points or the equivalent. Thank you again to Steve Martin, Steve Woods, Jeff Safford, Gordy McElroy, Jack Roth, Dan Harrison and Tom Harrington for their comments.

Need less to say, the topics created feisty discussions that could of gone on until midnight. However, Allan thanked us all for coming and once again for a great turnout!

### **President's Report**

-Allan thanked Steve Woods for a successful golf tournament.  
-He introduced and congratulated the new PLSS - Allan Turner and John Keopke were present.

### **Vice - President's Report**

-Steve thanked everyone for their patience with dinner. He apologized to the people that didn't get on to the dinner list. The turnout was more than anyone expected.  
-He stated that the NOV meeting is at the Raintree Bar & Grill in Carlsbad. Paul Cuomo will speak on 'Decisions that effect the way we survey'.

### **Treasurer's Report**

-Dave Ambler reported that the general fund has \$5752.68 and the education fund has \$2526.12. We have 176 paid members and 5 lifetime members.  
-He stated that checks went out to Victor Ross for the Curtis Brown scholarship and Roxanne Belle for the Cal Poly scholarship.  
-The proceeds from the golf tournament went towards the education fund.

### **Secretary's Report**

-Annie reported that the next executive meeting is 6 NOV at Giovanni's at 5:30.

### **Chapter Representatives**

No report.

### **Education Committee**

-Don reported that the mini-seminars start 17 OCT. They begin at 6:30 and will be at Rick Engineering. See the remaining schedule in the newsletter.

### **JPPC Report**

No report

### **NEW BUSINESS**

-Mike Butcher stated the new CLSA web site is up. Visit it at <http://californiasurveyors.org/> A few features include The '73 Manual, license look up, and you can even pay your membership on line. The user name is 'sierra' and the password is 'chains'. These will be current until next year.  
-Scott Hurst reminded us of the Initial Point Celebration on 9 NOV. It will be a great surveying celebration. There will be surveying games and it will be good educational experience. Donations are still needed for food and beverages. The goal is for everyone to be able to eat for free. Left over proceeds will go to Fresno State for scholarships.

### **OLD BUSINESS**

-None  
Meeting was adjourned at 9:07.

Respectfully submitted,  
Anne L. Hoppe, PLS

## EXECUTIVE BOARD MEETING 6NOV 2002

Attending: Allan Wake, Steve Martin, Dave Ambler, Anne Hoppe, Dave Viera, Armand Marois, Lonie Cyr, Scott Hurst, and Jas Arnold

### President's Report

Allan called the meeting to order at Giovanni's.  
-The item of utmost importance was the passing of Dana Seguin. He was an integral member of CLSA and an appropriate donation was discussed. The typical donation to PanCan is an option, but we would like to inquire with Lisa if there is anything else we can do. The options of a park bench in Julian, a memorial at the Initial Point, money to PanCan, or money to the family were approved. Dave and Dave will inquire with Lisa. The donation will be in the amount of \$1000. Also, we discussed a scholarship in memory of him. Armand volunteered to create the guidelines. A vote by the general membership will take place at the next meeting, in regards to the scholarship.  
-The next item was the Christmas party. Finances of \$500 for entertainment was approved and a ticket price of \$30 per person was approved. If the cost will be over \$30, the extra cost, not to exceed \$20, will be covered by the general fund.

### Vice President's Report

-Steve stated that he would be very busy taking care of his year-end duties. However, he said it with a smile. He needs ideas for the January meeting.-He inquired about the status of the by-law updates for life membership. Dave V. has a draft copy. Dave modified the State bylaws to be relevant for the chapter.  
-The November general meeting is 20 NOV.

### Treasurer's Report

- Dave reported that there is \$2026.12 in the Education Fund and \$5861.10 in the General Fund.  
- There were 70 attendees at the October meeting.

### Secretary's Report

- Annie submitted the minutes of the OCT 02 general meeting and they were approved.  
- She presented an idea of having an annual field trip/camp out for surveyors. It can be educational and fun. Any ideas are welcome. It would be a way for all southern California surveyors to gather in an informal, beer/wine drinking, educational environment. The Initial Point celebration is the idea for the type gathering.

### Education Committee

- Jas stated that there are 2 mini-seminars remaining. Cecilia Whitaker of MWD will present CORS on 14 NOV, and Mike Weir of ESRI will present GIS, 21 NOV. They will be held at Rick Engineering. See info in the Seminar/Workshop report.

### Chapter Representatives

-Lonie will submit minutes from the state meeting. (see enclosed notes).  
-There is a list of unpaid members – they will be contacted. Please be current with your dues and avoid being dropped from the CLSA membership roster. If you are unsure of your status, please contact Lonie to see if you are on the list or to be soundly chastised like only she can do!  
-The board is seeking thoughts in regards to paying chapter and state dues together.  
-The State bylaws have been simplified. They will be mailed out with a ballot for acceptance.  
-The next board meeting is 1 FEB 2003.

### JPPC

-No report.

### Membership Committee

-Dave stated that we have 176 members and 5 lifetime members.

### Old Business

- Scott Hurst noted that the Initial Point hike is now scheduled for 17 May.

### New Business

Lonie sent in info on Koozie Cooler Packs that are available from our Central Office. These are blue soft sided coolers with our CLSA logo printed on the front. They are just the right size for your favorite six-pack of soda! and as the sign says -they would make great speaker gifts and raffle prizes! -see enclosed PDF file. For those not on the email distro, please contact the Central Office about this must have item – the perfect gift for all occasions!

Respectively submitted,  
Anne L. Hoppe  
2002 Secretary

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

### 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

#### Walsh Engineering & Surveying

Is looking for a qualified Survey Crew Chief with a broad range of experience in the Land Surveying Profession to join our team.  
The right candidate would possess local knowledge of Boundary and Construction methods, ability to work and grow in a

team environment, good communication skills, and a desire to expand their Surveying abilities.

Motivated individuals interested in this position can fax their resume to (619) 588-6477 or E-mail them to [ken@walsh-engineering.com](mailto:ken@walsh-engineering.com)

#### **Lintvedt, McColl**

LAND SURVEYOR - OFFICE/FIELD - LS PREFERRED  
**POSITION FILLED** - Lintvedt, McColl is fortunate to have gained the services of Mike Hart!

#### **County of San Diego**

**Junior Surveyor:** Entry level position. Performs a variety of land surveying tasks. Requires a bachelor's degree in Land Surveying from an ABET approved college or university, OR possess a valid L.S.I.T. certificate AND two years of professional land surveying work. Ann. Sal: \$43,451-\$52,811

**Assistant Surveyor:** Performs a variety of technical office and field land surveying work. Requires a bachelor's degree in Land Surveying from an ABET approved college or university, AND one year of professional land surveying work after graduation; OR possess a valid L.S.I.T. Certificate and have three years of professional land surveying experience after obtaining the L.S.I.T. Ann. Sal: \$50,190 - \$61,027

**Land Surveyor:** Performs complex land surveying and has responsibility for a projects and programs and may supervise staff. Requires California registration as a licensed Land Surveyor. \$59,114 - \$71,864

Apply immediately for these positions; open until further notice. Apply to Dept of HR, 1600 Pacific Hwy, Room 207, San Diego, CA 92101. Phone: (858) 694-2203, or e-mail [howard.hicks@sdcounty.ca.gov](mailto:howard.hicks@sdcounty.ca.gov) or see web site at [www.sdcounty.ca.gov](http://www.sdcounty.ca.gov). No resumes; application required. EOE

San Diego based progressive civil engineering firm, **MAY-Group, 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).

**ProjectDesign Consultants**, one of San Diego County's largest engineering/surveying firms, has a career opportunity for an experienced **SURVEY MANAGER** to join the management team of a 45+ person Survey Department. Must have CA Land Surveyors license and 10+ years experience. Position will require excellent communication skills, broad experience in all aspects of land surveying, ability to form solid client relationships, manage staff and contract accounts, and be a team player. Business development and marketing skills desirable. [careers@projectdesign.com](mailto:careers@projectdesign.com) 619-234-0349 fax. An Equal Opportunity Employer.

#### **SEMINARS/WORKSHOPS**

##### **- CLSA SD mini-seminars last two dates:**

Seize this opportunity to be in on the cutting edge of technology presented in these seminars. Both at 6:30 SHARP at Rick Engineering Company, 5620 Friars Road, San Diego. **These will be two great sessions to conclude this year's Mini-Seminar Series HOWEVER these sessions will be cancelled if at least 20 RSVPs are not received for each. Please email Don Woolley by Tues (11/12) [dwoolley@rickengineering.com](mailto:dwoolley@rickengineering.com) with your response.**

**Thursday, 14 NOVEMBER**

Practical Applications Utilizing CORS RTK  
**Cecilia Whitaker PLS**

Cecilia will present various types of projects where Continuous Operating Reference Stations( CORS) have been utilized and the advantages of their use. Cecilia Whitaker, PLS, has been with the Metropolitan Water District since 1993, coordinating the deformation surveys for reservoir surveillance program. She is responsible for coordinating the data collection and processing of data for 33 existing facilities, as well as, planning the monitoring schemes of new facilities. She obtained her B.S. in Soil Science from California Polytechnic State University, San Luis Obispo in 1981.

**Thursday, 21 NOVEMBER**

Integrating Surveyed Data in a GIS **Mike Weir, ESRI Surveying Industry Manager**

Mike will discuss the evolution of GIS technology and its integration with survey quality data, and the enhanced capabilities it provides. Mike has over 30 years of experience in the surveying and mapping field. He has worked at ESRI for over 11 years and now serves as the Surveying Industry Manager. He graduated with Honors from National-Louis University with a Bachelor of Arts in Management.

#### **- CLSA/NALS 2003 Conference**

March 9-12  
Silver Legacy, Reno, NV  
Registration Information

**- California State University Fresno 42<sup>nd</sup> Annual Geomatics Conference** January 24-25, 2003  
[www.csufresno.edu/geomatics/gme\\_con\\_42.htm](http://www.csufresno.edu/geomatics/gme_con_42.htm)

Or call Eric Sage (559) 436-0821 or (530) 682-1976

**-ACSM and Arizona LS Assoc Conference** and Technology Exhibit March 29-April 1, 2003 at Phoenix, Arizona. <http://www.acsm.net/>

#### **NOTICES**

Thanks to Mike Hart for the following info:  
-Riverside County Flood Control had 3 pieces of equipment stolen on Sept. 19, 2002 from a survey truck in a parking lot in Riverside.  
1 Sokkia Set 3010 Total Station Ser. # 011333  
1 Sokkia B2-C first order level Ser. #41833  
1 Motorola HT100 Handie Talkie  
-If anyone comes across this equipment please contact David Stone at 909.955.1235 or 909.645.0677

#### **CITY OF SAN DIEGO NAD 83 6000 SERIES SURVEY MONUMENTS**

The City's 6000 series GPS points are presently listed in the County of San Diego and SanGIS Survey Monumentation databases. A recent review of these points conducted by City and County survey staff determined that they are not suitable for use as NAD 83 Control on Final or Parcel Maps.

If your firm is planning to prepare a map or perform fieldwork for a map that will be filed with the City's Land Development Review Section, please contact the City's Development Services at 619-446-5290, or the City's Land Survey Section at 858-627-3225, to confirm if the monuments you intend to use are suitable for NAD 83 control

### **Good info submitted by Mike Hart**

Cables are the weak link in most survey measuring systems. \$200/hr. survey crews can be rendered non-productive when \$150 cables fail. Cable failure will happen  100% guaranteed  and for many reasons. If a cable is well-worn, has kinks of any kind, or has a loose, dirty, or damaged connector, you can count on failure in the near future. Cable failure can cause short circuiting and board burn-out on the connected devices.

With a failure looming, you can deal with this in one of two ways: (1) wait until the failure occurs, suffer crew downtime, and scramble for a replacement, or (2) have a minimal number of backup cables available so as to minimize loss. And, at a crew rate of \$200/hr., it is obvious (to most folks) that it is far better to be proactive than reactive. It doesn't take that many cables to cover the bases. On an RTK system, for example, the cable to most frequently fail is the one from the controller to the GPS receiver  and that same cable can be used to connect the base receiver to the base radio. So, with one cable you have two bases covered.

On another note, if you have not used your controller to drive both your conventional gun and your GPS, you are missing out on a tremendous amount of functionality. Check your data collector software for functionality.

### **CLSA State Board of Director's Q'ly Meeting**

The latest CLSA Board of Director's Meeting was held Saturday October 26, 2002 in Sacramento. The meeting began with the roll call and approval of the minutes. The 2002 Officer and Committee Reports followed in which the 2003 Budget was reviewed along with proposed changes to the travel reimbursement policy for meal expenses to be calculated at the government per diem rate schedule and not to exceed \$50.00.

The Channel Islands Chapter recommended that the State Association collect both the State and local Chapter dues in one invoice. The Chapter dues would then be distributed to the member's affiliated Chapter. This began a discussion of the advantages (simply dues payment to one entity; encourage membership at both state and local levels), the disadvantages (discourage membership at Chapter level; increase workload for the State office) and the logistics of implementation at which point the Representatives were asked to go back to their Chapters to find out if the Chapters were interested in pursuing the one payment plan before any more time was spent on the issue.

The 2003 CLSA/NALS Conference will be held March 9-12, 2003 at the Silver Legacy in Reno, Nevada. A room rate of \$55.00 per night for Conference attendees has been secured and registration packages will be mailed in January and they will also be available on our website.

The new website, which was launched on October 15<sup>th</sup>, has new features which include "Find a Surveyor", "CLSA Forums", "Cal Surveyor Online" and interactive national Board of Registration map, California Counties map and CLSA Chapters map. The Members Only section has been enhanced with current

information on legislation, CLSA News, AG Opinions and IBLA. Effective in January the Members Only site will require each member's unique username (last name) and password (member ID). Until then, the user name "sierra" and the password "chains" will be in effect. The new membership ID will be printed on new CLSA membership cards, dues and member's mailing label. It can also be obtained via an email link to the CLSA Central Office.

Upcoming changes to the Bylaws will be mailed to all members along with a ballot in November. The majority of the changes are to include the words "email" or "electronically" regarding notifications and submissions.

The Legislative Committee is looking into revising or rewriting the changes to Lot Line Adjustments that have been brought about by the passage of Senate Bill 497. The Committee needs to demonstrate that the public has not benefited by the passage of SB 497 and is asking that all surveyors review their projects and clearly document the damage and affects that this Bill has had on their business and their clients and forward the information to central office. Please visit the "CLSA Forums" on the new website for ongoing discussions.

The next meeting will be held on February 1, 2003 in Oakland.

### **Editors Note**

-Pete Ehlert, Wise Sage, World Traveler and Surveyor clarified some confusion about the meaning of "barracho or is it barracho? but definitely not burrito" mentioned in the last two newsletters.

"In Baja I hear the term spoken frequently, meaning a common drunk (in polite terms). It is often preceded by Pinchy, which equates to the "F" word. I have never seen it written, but I had assumed (via Gringo phonetics) it is spelled Boracho. In this context I assume the cowboy (surveyor?) just went out and got drunk. If some young surveyor needs a Boracho in Baja, please feel free to refer them to me.....

- Peter"

-Thanks Peter - this is very useful information for some of our younger surveyors, particularly when seeking a Boracho in Baja. Its good that the profession has such experienced mentors on tap to help provide guidance to our younger, less experienced members.

### **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 [akw@cox.net](mailto:akw@cox.net).

- Members are encouraged to receive email newsletters in lieu of mailings. Because of your help with this, the hard copy mailing costs have been significantly reduced. To request an email newsletter only contact Jas Arnold at [jarnold@rickeng.com](mailto:jarnold@rickeng.com).

-The advertising policy approved by the Board: 1) full page one time in newsletter \$150.00 charge. 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.

Dana's farewell and remembrance on Friday Nov. 8 was an incredible occasion in Dana's honor. Although it was a rainy night and it took up to 2 hours to travel from San Diego to Encinitas, there was a turnout of 250 or more friends, family, co-workers, fellow surveyors and those who held it special to have known Dana. Despite the tears, which Dana deserved, it was a joyous occasion with good people, good food, an open bar, three great bands and a very good solo singer (sorry I didn't get all the names). Dana's son's band "The Legend Of" played a high powered set of all original material – they are headed for the big time, and I'm sure Dana and Lisa will be proud.

Words of sadness, praise, and fond memories were shared by many, including Jack Roth and Dave Ambler, with a resolve that Dana's spirit will always be alive and with us when we will just celebrate life to the max with a good measure of kindness and a generous gift of your warm smile to all! Cheers arose for DA-NA! DA-NA! DA-NA! DA-NA!!! We will never forget him. He was only 43 years old and left us much too soon.

Lisa, Dana's wife, will be coming to one of our meetings. She is happy that the Chapter wishes to contribute something special in memory of Dana and Lisa says, quote, "that she has something real cool in mind" and will share it with us soon.



## CALIFORNIA LAND SURVEYORS ASSOCIATION

### SAN DIEGO CHAPTER

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

#### 2002 Officers

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David Ambler, P.L.S.

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