

SURVEY NOTES

Volume 11 Issue 1

January 2005

CALIFORNIA LAND SURVEYORS ASSOCIATION, SAN DIEGO CHAPTER
P.O. BOX 80697, MAIL BOX 261, SAN DIEGO, CALIFORNIA 92138
sd-surveyors.org

Chapter Meeting
Wednesday, Jan 19TH

Guest Speaker:
Greg Helmer, PLS

Progress Toward the California Spatial Reference System

Greg's presentation will provide an overview of the progress at the California Spatial Reference Center, National and Regional efforts, toward development and implementation of the California Spatial Reference System. Some of the most pertinent issues to the surveying and mapping community will include:

- § NAVD88 elevations from Continuous GPS sites
- § Construction progress of the Plate Boundary Observatory
- § Real-Time GPS Networks in Southern California
- § Proposed revisions to the Public Resources Code

The CSRC work plan for FY05/06 is currently in development, so this meeting is an opportunity to offer your input to the directions of geodesy and GPS surveying in California.

Location

Holiday Inn Mission Valley Stadium

3805 Murphy Canyon Road
San Diego, CA 858-278-9300
6 p.m. Social/Networking
6:30 p.m. Dinner
7:30 p.m. Program

Hot Buffet Dinner - \$25

Teriyaki Chicken, Sliced Beef Au Jus, Oven Roasted Potatoes, Fresh Seasonal Vegetables, Green Salad, Fresh Seasonal Fruit, Warm Rolls, Chef's Dessert Table, iced tea, soft drinks or coffee
Price includes tax & tip

Leave your name with Lisa Mejia. Email is preferred: ljmejia@hunsakersd.com
Or: 858 558-4500 - No later than noon Monday, Jan 17th

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

CHRISTMAS TIME MEETING **DECEMBER 25, 2004**

The Annual Christmas Party was held at Tom Ham's on Shelter Island or was it on Harbor Island? No wonder I missed the party. Anyway, I heard it was a real fun event, with good food, fine friends and colleagues and a great location. Besides the professional entertainment, it was heard that the PDC Boys were particularly lively this year – evidently they were hootin and hollerin and jumping off the balcony into the pool, but too bad there wasn't any pool! They can be visited at a special ward all to themselves at one of our local hospitals. Also normally quiet and reserved Dave, not sure which Dave or maybe all three Daves, led many toasts well into the night and morning and then commandeered one of the boats tied up to Tom Hams dock after showing their Surveyors right to enter card. Last heard they were trying to keep ahead of the gale force winds and were blown out to some remote island, and now reside as beach combers, scouring the beach for Survey points. The shin dig ended with a conga line of caroling Surveyors led by some crazy accordion player that wound its way thru the restaurant, picked up a few guests and then into the Bay for a refreshing skinny dip. All in all everyone was happy and of good cheer, particularly since Santa was good to everyone and everyone won a raffle prize. As mentioned, I was not able to attend this notable event, but since this information is all hear say it won't stand up in court. Happy New Year to everyone!! – The Editor.

EXECUTIVE BOARD MEETING **January 5, 2005**

Meeting held at Nasland Engineering.

ATTENDING: Anne Hoppe, Steve Martin, Tony Nothdurft, Allan Wake, Dave Viera, DK Nasland, Mike Hart, Marvin Sylakowski & Gary Chapman.

Presidents Report

The meeting was called to order at 5:30 PM by President Anne Hoppe. Annie began discussions about the Dennis Moulard Seminar, Curt Brown Scholarships and an article written by Dr. Crossfield which will be published in our next news letter.

Vice Presidents Report

The Dennis Moulard Seminar has 43 registrants at this time and could be have a total of 50 by the time it begins. LS review classes are scheduled to begin January 13th with Vance coordinating and instructing once again. It was mentioned that Vance would like some more help in the future. At present there are 38 registrants.

Treasurer's Report

The General Fund has \$3949 and the Education Fund has \$5294 as of Dec. 31, 2004.

Secretary's Report

Being new to the job, Please bare with me until I get all the names and faces put together. Thanks.

Education Committee

The LS Review classes are coming up. Classes begin January 13, 2004. Steve began a discussion re: the Curt Brown Scholarship Fund and the Endowment Fund. Steve made a motion to approve \$1500 to the Scholarship Fund and \$500 to the Endowment Fund. Motion was seconded and passed unanimously.

There was a discussion re: the Dana Seguin Scholarship. Allan made a motion to approve \$750 for the Scholarship. Motion was seconded and passed unanimously.

Membership Committee

Invoices for Chapter dues will be sent out the 2nd week in January. There was a discussion about requirements for becoming a life member. It was decided to find more info and take it up at a later date.

Legislative Committee - No report.

JPPC Report

DK stated the next meeting will be held at S.D. County on January 20th.

Chapter Representatives

Next State CLSA meeting at Oakland in Feb.

Next General Meeting

January 19th at the Holiday Inn. Greg Helmer will be the program speaker.

Meeting adjourned at 6:23 PM.

*Submitted by,
E. Gary Chapman, PLS
Secretary 2005*

Education/Seminars/Workshops

The LS Review Class 2005 is scheduled for every Thursday evening from 1830 to 2100 in SD (at the Caltrans office in Old Town as in years past) beginning 13 Jan 2005. This class is guaranteed to positively impact the chances of an exam (LS and LSIT) candidate in passing the test. I can personally testify to the effectiveness of the course - it was instrumental in my preparation for (and subsequent passing of) the CA State-specific LS exam in April 2004. There was a significant percentage of attendees at the 2004 class that did not intend to take the exam that time - but were taking it as part of their lead-up to the exam at some point in the future. Also, it's my opinion that this class would also serve very well as a nice refresher course for practicing LS's and for those folks considered as technicians as a means of professional development and training. Of course, the focus of the class is to review subject matter likely to appear on the exam and to develop study and test-taking methods to enhance the chances of passing. But, the review of the material alone is well worth the time.

CLSA Workshop GIS for Surveyors

Speaker: Mike Weir Hands-on Training Limited Seating Register Today!

- Visit the CLSA Event Calendar to download registration form.

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

-QUESTIONS? 707-578-6016 clsa@californiasurveyors.org

CLSA Conference Speaker Mike Pallamary

I am pleased to announce that I have been invited to speak at the upcoming 2005 ACSM-CLSA-NALS-WFPS Annual Conference to be held March 18-23, 2005 in Las Vegas, Nevada. This is a very prestigious honor and I am delighted that the review board selected me and my topic. This will provide a wonderful venue for me to discuss the 18 years of research that have gone into my book, LAY OF THE LAND. As is evident, this is a wonderful Christmas present and I wanted to share it with my friends.

Public Contract Code and Competitive Public Bidding in California - in San Diego, Jan. 20, 2005. Contact www.lorman.com or call 888-678-5565. Seminar ID350300

Law of Easements in California - in San Diego, Feb. 3, 2005. Contact www.lorman.com or call 888-678-5565. Seminar ID 347140.

Land Use and Planning Conference - Jan. 28 in Los Angeles. Contact uclaextension.edu/landuse or (310)825-7885.

The Subdivision Map Act - Feb. 25 in Los Angeles. Contact uclaextension.edu/publicpolicy or (310)825-7785.

Land Survey Systems - various locations. Contact Pacific Land Seminars. paul@pacificland.com or call 949-642-0335. See Pacific Lands website - www.pacificland.com

LS and LSIT Review - Contact Pacific Land Seminars. paul@pacificland.com or call 949-642-0335. See Pacific Lands website - www.pacificland.com

Geospatial Analysis and Technology - Seminars, courses and software training. Contact register@ucx.ucr.edu or call 951-827-4105. Web-site: www.UCRExtension.net/geo.

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.

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

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

Santiago College GIS/GPS Surveying Program - see www.sac.edu/degrees/geography_information_degree.htm

Curtis Brown Memorial Scholarship Guidelines

-see enclosed guidelines.

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

California Land Surveyors Association **CLSA Education Foundation**

P.O. Box 9098, Santa Rosa, CA 95405
Telephone: (707)578-6016 FAX: (707)578-4406

- see attached PDF file for scholarship application or contact the foundation.

Dear fellow CLSA members,

I am writing you today on behalf of the CLSA Education Foundation. The Education Foundation in partnership with CLSA and many local Chapters awards over \$9000 in Scholarships annually to Surveying/Geomatics students. A good portion of the fund raising for this student aid comes from the auction at the annual Conference. This year's conference is being held in conjunction with ACSM, NALS and WFPS at the Rivera Hotel and Casino March 18-23 in Las Vegas, Nevada. Both a Live and Silent Auction are planned and the Education Foundation needs your help in the form of Auction item donations.

Your tax deductible donation could be anything from the old transit in the back of the office to old Surveying text books or anything that may be of interest to a group of Surveyors. Framed antique maps and Aerial photographs have been popular items in the past. If you have something to donate, but cannot attend the Conference & Auction, please contact me and I will make arrangements to have the items picked up.

If you are attending the Conference, check out the silent auction tables and plan on attending the Live Auction. It's a great way to support the Surveying Students and the future of our profession, *and* have a little fun while you are at it!

I look forward to hearing from you,

Steve Martin
CLSA Education Foundation Secretary-Treasurer

Contact: Email: steven.martin@sdcounty.ca.gov
Telephone: Office (858) 694-3161, Home (619) 583-2253

EMPLOYMENT

KAPPA Surveying, Inc. has an immediate opening for an experienced chainman, and would like to add another crew (i.e., party chief and chainman) in the very near future.

Contact Melissa Turner missyturner@cox.net, or by telephone at (619) 465-8948, or by fax at (619) 465-6410.

COUNTY OF SAN DIEGO

Junior Surveyor - Requires degree in Land Surveying from an ABET approved college or university, OR a valid LSIT and two years of professional land surveying experience. (\$46,301 - \$56,285 DOQ)

Assistant - Requires degree same as above and one year of professional land surveying experience after graduation; OR a LSIT and three years experience after obtaining the LSIT. (\$53,518 - \$65,021 DOQ)

Land Surveyor - Requires registration by the State of California as a licensed Land Surveyor or registration as a Civil Engineer by the State of California with the authority to practice land surveying. (\$63,003 - 76,565 DOQ)

Apply immediately, open until further notice. Apply to Dept of HR, 1600 Pacific Hwy, Room 207, San Diego, CA 92101. Phone: (619) 236-2191, or see web site at www.sdcounty.ca.gov. Applications required, no resumes.

The Unified Port of San Diego is currently accepting applications and/or resumes for the position of **ASSISTANT LAND SURVEYOR**. This position is non-exempt (eligible for overtime). The Assistant Land Surveyor performs intermediate and complex paraprofessional engineering and land survey assignments, and may perform supervisory duties with regard to staff in the field. Responsibilities may include performing Topographic, Boundary, Hydrographic, Control and Construction Staking Surveys using Trimble Robotic Total Stations, Trimble GPS, and Odom fathometer equipment.

Minimum requirements: High school diploma or GED equivalent; three years of paraprofessional engineering work in surveying, at least one year of as instrument person on a survey crew; a current, valid California Class C driver's license at time of appointment and maintained at all times thereafter; a LSIT certificate issued by the State of California. Registration as a Professional Land Surveyor is desirable. Computer and AutoCAD LDD 2004 knowledge is preferred.

The Port of San Diego provides a comprehensive benefit package including employer paid medical, dental and life insurance; thirteen (13) paid holidays per year, paid vacation, tuition reimbursement, a defined benefit retirement plan and more.

Resumes may be faxed to 619-686-6408 (indicate exam 63/04) or call the 24-hour Job Line at 619-686-6599 to obtain an application package. Mail resumes to the Port of San Diego, P.O. Box 120488, San Diego, CA 92112-0488, Attn: Human Resources. Exam closes on Monday, November 29, 2004 at 5:00 p.m. For additional information visit our Website at www.portofsandiego.org

-Salary Range** \$48,192 - \$60,240 - \$72,288 Starting Salary based on qualifications and experience **Salary based on 26 Pay Periods.

Masson & Associates, Inc. is seeking several employees:

- Survey Party Chief with a minimum 5 years experience with focus on construction staking. Applicant should be responsible, innovative and dedicated to the profession with strong technical, organizational and communication skills. Responsibilities include performing Topographic, Boundary, Right of Way, Aerial Control and Construction Staking Surveys using TDS with Geodimeter Total Stations and Trimble GPS surveying equipment. Applicants should have completed the LSIT with the desire to obtain LS. Computer and LDD/AutoCAD knowledge preferred.

- Senior Land Surveyor with a minimum 10 years of surveying and mapping experience. LSIT required, LS preferred. Responsible for supervision and scheduling of office and field staff, marketing, project management, and quality control.

- Survey Mapping Technician with a minimum 2 years of surveying and mapping experience. Knowledge of legal description interpretation and attention to detail a must. Must be knowledgeable in AutoCAD and LDD.

Competitive salary and benefits. Please send resume via email at dogrady@masson-assoc.com or via fax at (760) 741-1786.

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: mbutcher@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, 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 or 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 & 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.

NOTICES

CLSA SD Web-site – Thanks to our new web master Julie Eckman for reviving our web-site. Julie is busy updating the site and I'm sure before long we'll see her own added personal touch. Good start Julie! Many thanks to Louanna Oldfield for setting up and maintaining our web site - the site was very well done and valuable to all of us.

2005 PUBLICATIONS NOW AVAILABLE FOR SHIPPING!

Includes:

Complete Packages (Binder or Refill)

Subdivision Map Act

Professional Land Surveyors Act

Professional Engineers Act

Board Rules

STAY UP-TO-DATE! Laws and regulations affecting the practice of land surveying have changed. Purchase your 2005 publications today! See attached PDF file. Or call 707-578-6016.

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

City of San Diego Administrative Changes

Here is a current the cast of characters that are mentioned in our documents:

Development Services Department Director - Gary Halbert
City Engineer - Hossein Ruhi
City Attorney - Michael J. Aguirre

Please correct any documents that includes those one of those folks to the correct name.

Lee

Lee Hennes

Deputy City Engineer / Senior Land Surveyor
City of San Diego Development Services Department
1222 First Ave., 5th Floor, MS 501
San Diego, CA 92101-4506
Phone: 619 446-5291; Fax 619 446-5499
Email: lhennes@sandiego.gov
Website: www.sandiego.gov

Competing with Dr. Seuss? – a response to the announcement from Mike about Lay of the Land (see last months newsletter).

Did you write it on a bluff?
Did you make up lots of stuff?
Did you write it while you're grouchy?
With reference to Scripps' Dr. Frouchey?

Did you write it not to miff
La Jollan concerns about their cliff?
was it written with concession
to forces causing bluff recession?

Not on a bluff? not in the buff?
not full of fluff? I've heard enough!
I will read " Lay of the Land"
Thank you, Thank you, Mike my man!

I'll pass it around. - Rob

Amendment to County Surveyor Activities

In 1999, the State of California Public Resources Code was amended, requiring any maps based on the California Coordinate System be based on first-order control. At that time, existing first-order control was scarce and the County offered to provide, "without cost", control within ½ mile of the development site, if none existed. Since January 2000, the Department of Public Works has been establishing first-order control throughout the unincorporated areas of the county where development is occurring. Now that there is a considerable amount of first-order control available, the need to continue providing this service at no cost, is no longer an option and will be discontinued. Any assistance the County Surveyor must provide will be at full cost recovery, in accordance with Board Policy B-29. This new policy will be heard by the Board of Supervisors, during its annual review of the Department fee schedule and become operative on February 4, 2005.

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Construction accident – An article was sent in by Mike Pallamary about a tragic construction site accident:

I wanted to share the enclosed article with you as a reminder about safety on the job site. It is also for those of you who have inquired about this tragedy. See attached PDF file or contact the La Jolla Light about the article printed on Dec. 9, 2004.

CLSA Website & Email Change - The old URL ca-surveyors.org will no longer redirect to the current CLSA website or email. Please be sure to update your email address book and bookmarks: Email: clsa@californiasurveyors.org
Website: www.californiasurveyors.org

Unique Advertising Opportunity - The San Diego Chapter offers banner advertising space on it's 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

- Members are encouraged to receive email newsletters in lieu of mailings. Please review your need to receive a mailed copy of the newsletter. To request an email newsletter only contact Jas Arnold at jarnold@rickeng.com.

-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.

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.

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2005 LS EXAM REVIEW CLASS

Sponsored by the
CALIFORNIA LAND SURVEYORS ASSOCIATION – SAN DIEGO CHAPTER

WHEN & WHERE

January 13, 2005 and ending April 7, 2005
6:30 PM to 9:00 PM every Thursday evening
at the Caltrans office in Old Town

TOPICS TO BE COVERED

Introduction/Overview/Study Plan/Test-taking strategy
Public Land Survey System
Boundary
Legal Descriptions
Statistics
Photogrammetry
GPS & Geodesy
State Plane Coordinates
Subdivision Map Act/LS Act
Construction
Mock Exam

All presentations convey key information that will provide a solid foundation for taking and passing the LS exam and will be made by Professional Land Surveyors licensed in California.

Cost for the ENTIRE Series (13 sessions): \$100 per person

California Land Surveyors Association

San Diego Chapter

Curtis Brown Memorial Scholarship Guidelines

These guidelines will supersede any previous guidelines or criteria adopted by the San Diego Chapter. This document has been developed to help promote continuity and consistency in awarding said scholarship.

Background: At the August 15, 2001 General Chapter Meeting a motion was passed to have the California Land Surveyors Association Education Foundation, herein referred as the **Foundation**, select the candidate for the Curtis Brown Memorial Scholarship. In return the San Diego Chapter of the California Land Surveyors Association, herein referred as the **Chapter**, will be a contributing member each year to the Foundation fund. The amount of the donation will be determined at the January Chapter General Meeting.

The following will be the criteria for the Foundation and Chapter to utilize.

- I. The name of the scholarship will be **The Curtis Brown Memorial Scholarship sponsored by the San Diego Chapter**, herein referred as the Scholarship. All documentation produced by the Foundation or Chapter will reflect this name.
- II. The current scholarship award is **\$1500.00**. The money will come from the Chapter Education account. The Education Committee of the Chapter will review the scholarship every two years and provide a recommendation for any changes in the amount of the award. Any change will have to be approved by the membership at a monthly General meeting and notification of the change in writing will be provided to the Foundation prior to December 1 of the calendar year.
- III. Qualified Applicant will be currently enrolled in an accredited degree program in surveying/geomatics approved by the Accreditation Board for Engineering and Technology (ABET) in the United States of America.
- IV. Qualified Candidate will have a minimum GPA of 3.0 for overall college classes and a minimum GPA of 3.5 for major courses.
- V. Candidates will be selected by applying the following preferences as listed in order of importance.
 1. Dependent of a Chapter member in good standing. A member in good standing will be as defined in current Chapter Bylaws.

2. A student member of the Chapter in good standing. A student member in good standing will be as defined in current Chapter Bylaws.
 3. A current or former resident of San Diego County.
 4. A student who has demonstrated an interest in boundary analysis and legal principals pertaining to boundary determination.
 5. If a candidate cannot found to meet the criteria listed above, the foundation will select someone as close to the criteria as possible.
- VI. Qualified Applicant will have completed a Foundation application in accordance with current Foundation guidelines and timeframe.
- VII. At least one Chapter Officer will participate in the selection process. If no Officer is available the Chapter President can designate a member(s) to assist in the determination.
- VIII. Once a student has been determined the winner, the Foundation will notify the Chapter President in writing or electronic communication. The Chapter President will then direct the Chapter Treasurer to forward funds for the scholarship amount and the Chapter's contribution to the Foundation.

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WORLD'S FIRST

In Loving Memory



Bryan Tien Botavon

1961-2004

January 5th, 2005

Our friend and co-worker at Allen Instruments, San Diego, Bryan Tien Botavon, passed away over the holidays due to complications from liver cancer at 43 years young. He is remembered by his friends and coworkers as a true professional. He came to work each day with a smile; put on his blue lab coat and went about his business of repairing surveying instrumentation.

Bryan immigrated to the US from Champasack, Laos in the mid 1970's, escaping thru the jungles into Thailand. He began his career at Brunson Instruments in San Diego, then with Sokkia and has been with Allen Instruments since January 2002.

He leaves behind his wife, Ketana, son Alan (16), daughter Dana (9), and mother and father in Laos. Allen Instruments & Supplies and the Southern California surveying community will remember this gentle man with a big heart and a warm smile.

In lieu of flowers, the family suggests donations for the education of his son and daughter. Please make checks payable to Ketana Botavon and mail to: Ketana Botavon, c/o Allen Instruments & Supplies, 11305 Rancho Bernardo Road, Ste. 120, San Diego, CA 92127.



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