

SURVEY NOTES

Volume 17 Issue 11/12

November/December 2011

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

Chapter Meeting

Wednesday, December 21st, 2011

5:45 p.m. *Social Networking (Margaritas/Chips & Salsa)*

6:00 p.m. *Games*

7:00 p.m. *Dinner*

7:45 p.m. *Award Ceremony*

8:00 p.m. *Board Member Induction*

Annual Holiday Party

Join us for our annual Holiday Party as we celebrate the season and offer appreciation to those who have contributed to CLSA and our chapter. A good time will be had by all. Margaritas and a mariachi band! Spouses or significant others are encouraged to attend.

Location: **Old Town Mexican Cafe**



2489 San Diego Avenue San Diego, Ca. 92110
(619) 297-4330

Dinner Cost: **\$20** includes one choice of the following:

Pollo asado tacos

Carne asada burritos

(2) cheese enchiladas with rice/beans.

(2) beef tacos with rice/beans.

Soft drinks included

Please RSVP through our CLSA San Diego Chapter website no later than **Wednesday, December 14th**.

<http://www.sd-surveyors.org/Reservations/index.php>

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

Cash or check will be accepted at the door.

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

OCTOBER EXECUTIVE BOARD MEETINGOctober 19, 2011

Meeting held at Best Western Seven Seas – Mission Valley

Board Members Present:*Justin Pallamary, President**Blake Torgersen, Vice President**Paul Goebel, Treasurer**Tony Nothdurft, Secretary**Casey Lynch, Immediate Past Pres.**Dave Ambler, Representative**Pat McMichael, Representative**Anne Hoppe, Representative**Andy Karydas, Representative***Other Committee Members Present:***Steve Heise, Secretary Elect**John Butcher, Cuyamaca College Liaison**Jack Gechter, LS Review**Lonnie Cyr*

Justin Pallamary opened the meeting at 5:02. The minutes from the September meeting were presented for approval. Changes to New Business were presented by Jack Gechter and incorporated herein under new business. A **MOTION** was made to approve the minutes with changes. The motion was **SECONDED**. **Motion PASSED**.

Presidents Report – Justin

A Chapter member requested to video tape the presentation at this meeting. At this time there is no policy by the Chapter to handle these requests. His request was declined at the request of the presenter.

Justin will research and develop new language policy for future requests to tape presentations.

We need to communicate better to give Orange County's Chapter a better idea of who is going to attend our joint meeting in September.

Vice Presidents Report – Blake

Today's meeting, Scott Noya – "California Water Boundaries".

November's meeting, Phils BBQ, James Nagelvoort - San Diego City Engineers.

December's meeting, to be determined.

Treasurer's Report – Paul

General Fund \$2692.36, Education Fund \$9655.12, Local Education Fund \$1374.50

Proceeds from Golf Tournament are estimated to be near \$3000.

Payment for Education Stipend requested by Mary Klinger was approved.

Secretary's Report – Tony

Slate of Officer's for 2012 and Scholarship commitment to the Foundation was sent to State.

New LS's have been invited to today's meeting and we have responses from 4 of them.

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OCTOBER EXECUTIVE BOARD MEETING, continued**Education Committee – David Johnson****LS Review Class Subcommittee – Jack Gechter**

Sign ups for next year already coming in.

Outline of schedule has been developed and Dave Johnson will distribute when available.

Workshop Committee – Don Woolley

No Report.

Education Foundation \ Scholarship Subcommittee – Dave Ambler

[No report.](#)

Community College Report – John Butcher

Minutes from last meeting are available.

Ad Hoc Committee – Junior College Programs– David Johnson

. Karen Koklich has been asked to provide a formal power point presentation for Dr. Cyrus and the other College representatives on the future of GIS at Cuyamaca College at the October 26 meeting

Annual Golf Tournament Subcommittee – David Johnson

No Report

Nominating Committee – Pat McMichael, Andy Karydes

No Report.

GIS Committee – Karen Koklich, Jimmy Elmore

Group has met twice with good results. John Butcher will present on Geodetic Coordinate base of the BLM on November 19.

Private Records Steering Committee – Casey Lynch, Karen Koklich

Pat McMichael says records are ok for time being. Push to finish cataloging records is next priority and then looking to scan into a GIS or a database to make records available.

Ad-Hoc Committee (Bpels) Approximate Corner Letter – Casey Lynch

Casey made contact with Tony Cuomo regarding the Joint letter with Orange County. Tony said that we should take the lead and draft letter then they would review and support it.

Membership Committee – Blake Torgersen, Dave Ambler, Karen Koklich

Karen is managing the database and creating rosters and mailing lists.

Working on process to communicate and update database.

Legislative Committee – Anne Hoppe

Met on October 15.

APPROVED LANGUAGE FOR PROPOSED 2012 LEGISLATION- At the July 2011 board meeting, The CLSA Board of Directors (Board) approved the proposed legislation to add location, relocation, establishment, reestablishment or retracement to section 8762(b)(4) of the Land Surveyors Act.

At the July 2011 board meeting, the CLSA Board of Directors approved the proposed legislation revising 66442 and 66450, removing the requirement to include the expiration date from the seal to be consistent with BPELS Rules.

Bylaws Committee –Dave Viera, Blake Torgersen

No Report.

Joint Professional Practices Committee – Mike Butcher

No meeting.

OCTOBER EXECUTIVE BOARD MEETING continued**Website Committee – Jack Gechter**

New report from Authorized .net on report of online payments has all the data we asked for.
State CLSA has requested pictures of Chapter Officers to post on their website.

Datum Committee- Paul Goebel, Mike Pallamary

Paul says that Mike Pallamary reports that the County of SD is not inclined to assist in the research and that looks to be the end of this endeavor. Not sure what the outcome of their efforts will be, probably a report of some kind.

Newsletter Committee – Casey Lynch

Casey has charged for the front page advertisement on the newsletter and hopes to continually bring in new revenues.
Discussion followed.

Chapter Representatives Report – Anne Hoppe, Dave Ambler, Gary Hus, Pat McMichael and Andy Karydas

Next meeting November 5th.

New Business

(Changes noted in Italics.) Jack Gechter would like to see a change in the 2010 BPELS Guide to *Engineering and Land Surveying* for City and County Officials. Says guide is missing language that requires survey documents be checked by or under the *direct* supervision of a licensed Land Surveyor per the LS Act the same as it is in the Engineering section where it spells out that Engineering plans or documents must be checked by *or under the direct supervision of* a registered *Civil* Engineer. He invites Chapter members to read the Guide on the BPELS website and view or support his discussion in the Land Surveyors Forum of the State CLSA Website.

The meeting was adjourned at 6:00 pm

October 2011 CLSA Meeting Minutes

October 19, 2011

Meeting held at Best Western Seven Seas, Mission Valley, SD

Justin Pallamary opened the meeting at 7:43 pm and welcomed the members and presented a review of the Chapter Board meeting. Mike Butcher gave a legislation report which summarized the language changes to existing laws as proposed by BPELS.

Blake Torgersen introduced the evenings speaker:

Scott Noya

“California Water Boundaries”

Scott Noya is an Attorney and Partner at Daley & Heft, a Solana Beach law firm with a state-wide litigation practice. Scott's practice has focused on real property law and litigation for the past 23 years.

Scott began his presentation by defining the terms and laws regarding water (riparian) boundaries as the extent of his legal research which included:

- Applicable California state law rules for determining legal boundaries of property abutting bodies of water
- Exceptions to the general boundary rules and how they are applied by courts
- Ambulatory water boundaries and the impact of changes due to forces of accretion, erosion, avulsion or reliction
- Boundary deed description techniques and discussion of related legal issues
- Interpretation and use of historic surveys and maps in determining boundaries in quiet title matters

As Scott enthusiastically delivered his presentation it became apparent that he was highly involved in a case regarding quiet title along the shore of Coronado Island and San Diego Bay in which old photo's, maps, improvement plans and letters from the surveyor's became critical to the case. This made for an incredibly interesting insight into the legal process, research and where pertinent evidence may be found, the role of the State Lands Commission and a look into a legal battle regarding shore land in our own back yard.

The meeting was adjourned at 9:00 PM.

NOVEMBER EXECUTIVE BOARD MEETING

November 16, 2011

Meeting held at Phil's BBQ, 3750 Sports Arena Boulevard, SD CA 92110

Board Members Present:

Justin Pallamary, President

Blake Torgersen, Vice President

Paul Goebel, Treasurer

Tony Nothdurft, Secretary

Dave Ambler, Representative

Pat McMichael, Representative

Anne Hoppe, Representative

Andy Karydas, Representative

Other Committee Members Present:

Steve Heise, Secretary Elect

Jack Gechter, LS Review

Karen Koklich, GIS Committee

Mike Butcher, Legislative Committee & JPPC

Justin Pallamary opened the meeting at 5:01. The minutes from the September meeting were presented for approval. A **MOTION** was made to approve the minutes. The motion was **SECONDED**. **Motion PASSED**.

Presidents Report – Justin

Land Title Workshop coming up in January, \$50 discount for CLSA members.

Mike Pallamary has offered a 20% discount for the "Curt Brown Chronicles" for all LSR students. A flyer will be distributed in class and posted on the website.

Bill Goodwin has reported safety concerns regarding chemicals being enclosed in Coke bottles which can ferment, turn to acid and explode if broken. Consult CLSA Forum for more information.

Webinars are being offered featuring Marti Ikehara and BPELS on the State CLSA website, free for State members. May fulfill requirements for continuing education credits. State Board is pushing for all members to join and participate in their voluntary continuing education program.

Jim Nowlan's wife Barbara passed away Saturday November 21, 2011 at home after a cardiac arrest earlier in the month. A Motion by email was passed to send flowers in the amount not to exceed \$50 from the Chapter. Anne Hoppe will make the arrangements.

Vice Presidents Report – Blake

Today's meeting, James Nagelvoort – "San Diego City Engineer".

December's meeting, Old Town Mexican Cafe, Mariachi's, Margaritas and Holiday Cheer.

Treasurer's Report – Paul

General Fund \$4258.83, Education Fund \$12601.94, Local Education Fund \$1374.50

Payment will be sent to Education Foundation for \$4000 as approved at the September meeting to fund this years Curtis Brown, Dana Seguin and Vance Breshears scholarships. The \$750 difference from last years contribution will be transferred to the Local Education Fund.

Secretary's Report – Tony

Employment opportunity with the County of Monterey was received and will be posted on the Website. Karen Koklich conveyed that Caltrans District 11 may have opportunities for Surveyor positions in the near future and suggests anyone interested to submit an application.

The email distribution list is in the process of being updated and verified to include all active members.

Education Committee – David Johnson**LS Review Class Subcommittee – Jack Gechter**

First class will be held tomorrow.

About 27 candidates have signed up.

NOVEMBER EXECUTIVE BOARD MEETING continued**Workshop Committee – Don Woolley**

No Report.

Education Foundation \ Scholarship Subcommittee – Dave Ambler

[No report.](#)

Community College Report – John Butcher

No Report.

Ad Hoc Committee – Junior College Programs– David Johnson

No Report

Annual Golf Tournament Subcommittee – David Johnson

Cleared over \$2300 for education and Photo's are on the website.

Nominating Committee – Pat McMichael, Andy Karydes

No Report.

GIS Committee – Karen Koklich, Jimmy Elmore

Group has meets this Saturday. John Butcher will present on Geodetic Coordinate base of the BLM. Access BLM data for PLSS search values. Next group will look at imputing & geo-referencing Brown's, Hall's and Daniel's Private Records in storage at Rick Engineering.

Private Records Steering Committee – Casey Lynch, Karen Koklich

Pat McMichael says records are ok for time being. Push to finish cataloging records is next priority and then looking to coordinate with the GIS group to scan/Geo-reference into a GIS to make records available.

Ad-Hoc Committee (Bpels) Approximate Corner Letter – Casey Lynch

No Report.

Membership Committee – Blake Torgersen, Dave Ambler, Karen Koklich

No Report.

Legislative Committee – Anne Hoppe

No Report.

Bylaws Committee –Dave Viera, Blake Torgersen

No Report.

Joint Professional Practices Committee – Mike Butcher

4 active cases, 2 on the radar, meet odd numbered months, 2nd Thursday 10:30, Conference room 2 at County Operations.

Website Committee – Jack Gechter

Email from Guy Harris, stating he is no longer responsible for the website. Door is open to utilize him for projects rather than maintenance.

Datum Committee- Paul Goebel, Mike Pallamary

Meet in spring and decide direction, would like to write a report if enough data is available.

NOVEMBER EXECUTIVE BOARD MEETING continued**Newsletter Committee – Casey Lynch**

Newsletter did not go out last month so a special effort will be made to get this month's newsletter out.

Chapter Representatives Report – Anne Hoppe, Dave Ambler, Gary Hus, Pat McMichael and Andy Karydas

Meeting held November 5th. Attended By Steve Heise, Gary Huss, Dave Ambler, Jack Roth and Andy Karydas.

President elect Frank Lehman attended NCEES meeting in Rhode Island and was upset that California has no representation at the meeting because the governor does not provide the funds to send a representative. NCEES voted to take land out of Land Surveying etc. BPELS Survey representative Pat Tami attended the meeting and was not allowed to vote. Frank requests that we write our state representative. Consult State Website for more information.

Pushing for members to sign up for the Voluntary Continuing Education Program.

Center of Population recalculated and request for funds to establish new monument at Rail Road museum in Buttonwillow.

New Business

No New Business.

The meeting was adjourned at 6:15 pm

November 2011 CLSA Meeting Minutes

November 16, 2011

Meeting held at Phil's BBQ, 3750 Sports Arena Boulevard, SD CA 92110

Justin Pallamary opened the meeting at 7:43 pm and welcomed the members and presented a review of the Chapter Board meeting. Karen Koklich conveyed that Caltrans District 11 may have opportunities for Surveyor positions in the near future and suggests anyone interested to submit an application.

Blake Torgersen introduced the evenings speaker:

James Nagelvoort
"San Diego City Engineer"

James updated us on the general status of the City Engineering department, including the Organization of the Public Works Department, CIP Contracts and Managed Competition.

Construction Management group formed to administer only construction contracts. Able to work proactively an shorten delays and downtime for payment and delivery of contracts.

CIP projects contract out professional services based on the complexity or difficulty of the work involved. Standard work is performed by City forces.

Bid Build and Design Build differences discussed. Award to low bid vs qualified bid.

Looking for ways to streamline delivery of CIPs.

Federal and State funded projects trigger prevailing wage contracts. City funded only does not.

Managed Competition passed by voters into ordinance is meant to compare cost of City work vs. private contract not necessarily to outsource but to make City departments more streamline and become more efficient in the delivery of work by twisting the arms of the unions to allow change.

Cost to operate and maintain Capital Improvements is a far greater commitment than the construction costs.

Federal and State funds are available for construction of assets but not available for their operation or maintenance.

Following the presentation raffle prizes were awarded.

The meeting was adjourned at 8:15 PM.

EDUCATIONAL OPPORTUNITIES

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

Latest land use law news alerts. www.landusenavigators.com

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

Trimble SurveySense webinars www.trimble.com/surveysense

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

Basics In 3D Laser Scanning <http://www.faro.com/site/resources/details/752> Applying 3D Laser Scanning To Bim (Building Information Modeling) <http://www.faro.com/site/resources/details/905>
Cuyamaca College - Cuyamaca College offers an Associate of Science in Surveying that includes courses in Plane Surveying and Advanced Surveying, using equipment used in the field today, Survey Drafting Technology, and Boundary Control and Legal Principles. Other requirements for the degree include Engineering Graphics, Trigonometry, Introductory Physics, and courses to fulfill general education. Instructors are all practicing and licensed professionals. For additional information please contact Dr. Cyrus Saghafi at cyrus.saghafi@gcccd.edu or 619-660-4243.

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

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

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

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

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

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

Sacramento City College <http://www.scc.losrios.edu/>
GIS Certification – thru URISA <http://www.gisci.org/>

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- Detailed Planimetrics
- Mine Topography Updates
- Mapping and Survey Forensics
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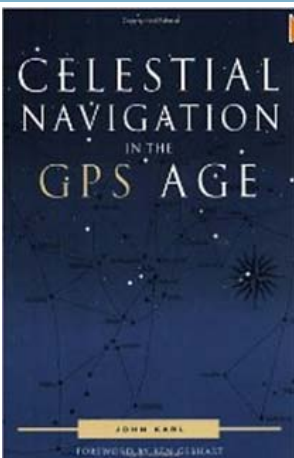
Local Opportunities

ERB Engineering, Inc. is closing down its survey department by the end of this year. We can outfit a complete survey field crew with equipment and a F150 with less than 30k miles.

A great opportunity for a start up or to field another crew.

Some of the items include: Reflectorless Leica TCRA 1103 & RCS 1100 Battery pack, 360° prism, prism pole with ext, TDS Ranger Survey Pro, Sokkia B-1 Auto level, Motorola Radios CP200 4 channel and chargers, Shonsted locator, 25' fiberglass rod, tribrachs, wood tri-pods and more.

Contact Don Ayles 858-748-2130 or dla@erbengr.com.



Book of the Month

Celestial Navigation in the GPS Age

By John Karl

Amazon Price: \$16.47

What Else...

CLSA San Diego Survey Student Stipends

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

Newsletter

Members can only receive newsletters via email.

Request an email copy:
clynch@burkett-wong.com

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

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

* **New Lower Advertising Rates Ending April 2011** *
Advertising policy approved by the Board:

The **new rates** are: 1) full page one time in newsletter \$80.00. One year paid in advance \$650.00. 2.) ½ page one time in newsletter \$55.00. One year paid in advance \$400.00. 3) Business card size ad one year in newsletter \$80.00. 4) Employment offers by a member free for 1 month, extended if needed. 5) One time use of front page in newsletter \$50.00 in addition to ad cost.

Contact Newsletter Editor Casey Lynch clynch@burkett-wong.com for newsletter advertising. 5) Web-site banner \$100.00. Other Web-site advertising charges to be determined. For web-site advertising contact Website Coordinator:

Jack Gechter-PLS
jackgechter@cox.net

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ALTUS

Chuck Neely
 Director Business Development

655 Deep Valley Drive, Suite 340
 Rolling Hills Estates, CA 90274
 310.541.8139 office
 925.667.6661 cell
 310.541.8257 fax
chuck.neely@altus-ps.com



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CHRISTMAS PHOTO CONTEST

Please send in your best Christmas photo for 2011. I am looking for the shock and awe moment of your child, grandchild or relative opening the "Surprise Gift" of the day. I will publish each photo in the January Newsletter and first, second and third place will be awarded a Starbucks Gift card. Thanks! Casey



CLSA, along with other surveying associations and representatives of a wide variety of other industries, has joined the Coalition to Save Our GPS. The Coalition was formed to resolve a serious threat to the reliability and viability of the Global Positioning System (GPS). To safeguard GPS, the Coalition seeks a number of remedies from the Federal Communications Commission (FCC), which recently granted a waiver to a company called LightSquared that allows them to repurpose the satellite spectrum immediately neighboring that of the GPS. LightSquared plans to transmit ground-based radio signals that would be one billion or more times more powerful as received on earth than GPS's low-powered satellite-based signals, potentially causing severe interference impacting

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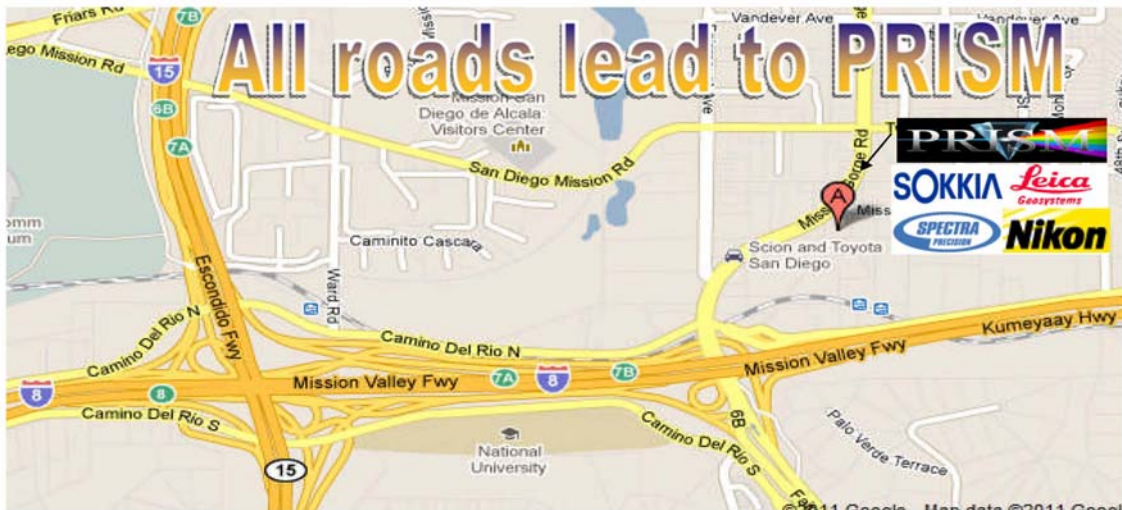
**2011-2012 LAND SURVEYOR REVIEW PROGRAM
HAS STARTED!
THERE IS STILL TIME TO JOIN THE
18 SESSION PREPARATORY PROGRAM**

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