

A PUBLICATION OF
THE SACRAMENTO
AREA CHAPTER
OF THE
CALIFORNIA LAND
SURVEYORS
ASSOCIATION

Focal Point



JUNE 2011

News from BPELSG

Just in time for a celebration, the California Board for Professional Engineers, Land Surveyors and Geologists announced the appointment of Ric Moore, PLS, as Executive Officer effective July 1, 2011. Mr. Moore has been with the Board since 2007 as the Staff Land Surveyor and the Manager to the Examination Development and Administration Unit. Although this position used to require a license, this will be the first time that it is held by a land surveyor.

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June 2, 2011

Socialize at 5:00

Dinner at 6:00

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Logan's Roadhouse Natomas
3698 North Freeway Blvd
Sacramento, CA 95834



Brook Ostrom
Beer and Brewing 101

Beer and Brewing 101

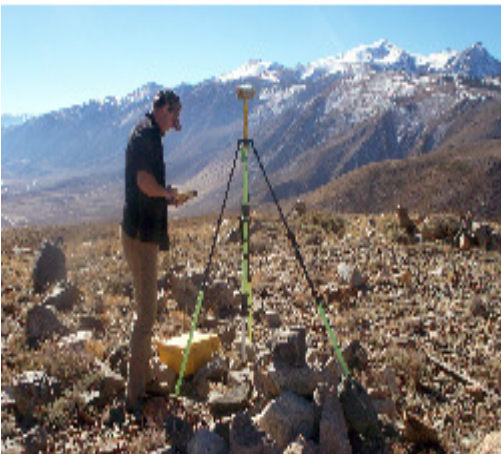
Home brewer Brook Ostrom will discuss the world of beer and brewing, with special insight into the origins of beer, beer styles, and how to brew at home. He will cover all the components of brewing, including grains,

hops and yeast, along with a look at how the home brewing process proceeds from grain to glass. Brook Ostrom has over 25 years of home brewing experience and has received awards for his beer at the local, state and national levels. He regularly judges commercial beer and homebrew competitions, and holds a National ranking in the Beer

Judge Certification Program. In addition, he regularly writes on beer and the craft brewing industry as an associate editor for *The Celebrator* magazine, and has written features on beer for such publications as the *Sacramento Bee*, *Comstock's*, and *Brewing Techniques* magazine.



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Esri and the American Congress on Surveying and Mapping (ACSM) **July 7–12 in San Diego, California**, for the premier Survey Summit.

Join surveyors from around the world at the first Survey Summit, brought to you by the American Congress on Surveying and Mapping (ACSM) and Esri. At the Survey Summit, you will learn about emerging technologies that are reshaping the surveying landscape. This is your opportunity to witness and try out the latest and greatest surveying and mapping solutions - all under one roof.



What to Expect:

Workshops and sessions led by industry experts

Opportunities to earn Continuing Education Units (CEUs)

Networking with users of GPS, GIS, LIDAR, Machine Control, and other surveying technologies

Discussions on standards, accuracy, and new business opportunities

Torrey Pines Golf Tournament

The Survey Summit is designed for you to take away ideas and solutions that can be immediately implemented in your own business practices.



SACRAMENTO CHAPTER

California Land Surveyors Association

Continuing Education Series

Providing support to the professional land surveying community in the greater Sacramento area.

**SACRAMENTO CHAPTER
CLSA**

PO BOX 162846-2846,
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Phone: 209-518-9962
E-mail:
focalpointeditor@gmail.com or
workshop@sac-surveyors.org

The Sacramento Chapter of the California Land Surveyors Association presents the first installation of a new concept in providing continuing education opportunities to our membership.

This first series will include three 1 1/2 hour classes as outlined below. Each class will be open to the first 20 registration with priority given to Sacramento Chapter members.

June 14, 2011 2011 ALTA/ACSM Standards Review
Presenter: Ian Wilson, PLS

July 19, 2011 Establishing Control for LIDAR
Presenter: Tim Case, PLS

August 9, 2011 TBA

COST \$20.00/class or \$40.00 for all three

TIME 6:00 pm to 7:30 PM

LOCATION RBF Consulting (Sacramento Office)
4540 Duckhorn Drive, Suite 202
Sacramento, CA 95834

To register, send attached registration form by email or snail mail as mentioned in contact information by the first of the month for the respective class. Contact Annette Lockhart, if you have questions.



Name: _____

PLS, RCE, LSIT or EIT number: _____

Company: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

Email: _____

(We will email class materials to you.)

Phone: _____

Class Registration

- June 14, 2011 2011 ALTA/ACSM Standards Review (Ian Wilson, PLS)
- July 19, 2011 Establishing Control for LIDAR (Tim Case, PLS)
- TBA

Sacramento is my "primary" or "home" Chapter. No, _____ is my Chapter

State CLSA membership number: _____ Join CLSA at: www.CaliforniaSurveyors.org

Employment type: private public student retired other

COST: \$20/class or \$40 for all three

TOTAL INCLUDED: _____

Mail form and checks to: Sacramento Chapter CLSA
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Or e-mail form to: workshop@sac-surveyors.org
focalpointeditor@gmail.com

A Visit to The Marin Chapter by Channing Whetstone LSIT

Rob McMillan sent out a message on Facebook, "Going to Napa late Thursday afternoon with Kevin Akin & Annette Lockhart for a CLSA Napa Chapter meeting. Kevin is the presenter. Always fun to visit other Chapters! Looking forward to seeing friends!". Sounded like fun to me and Rob said there was an available seat. Thursday arrived and I met up with Rob, Annette Lockhart, and Kevin Akin. I soon learned as we spoke of Highway 37 joining the 101, we were actually headed to Marin. With many stories told by my traveling companions, the drive passed quickly with relatively little traffic.

Arrival at La Toscana Ristorante around six o'clock landed us in happy hour and an hour before the starting of the meeting. The drinks and breadbasket over more good conversation kept us happy as the time passed. Thank you Kevin for the first round. We were wondering as to the whereabouts of the Marin crew. They started showing up around 6:30.

The turnout of the Marin Chapter was a bit light. Apologies were made for the missing members with the assumption that several big ball games were to blame. Our group of four nearly made half the turnout for the evening. The meeting began with introductions, including Marin chapter members Douglas Matteson, Phil Danskin, Judy Nagy, Peter Ring, Larry Stevens, and Chapter President Neil D King. The minutes were short, covering topics of monument preservation, a dedication plaque, and getting a copy made of an original Marin map kept as a museum piece at a local school. The minutes finished just in time for dinner to be served. The food and service were good.

After we swept the crumbs off the table, Kevin stepped up as the guest speaker. With the projector running, Kevin started teaching us about Mobil Laser Scanners. He gave us an overview of when to use these million dollar scanners that can collect data at 40 mph. Large projects, those having immediate demand for data, and locations that pose extreme safety issues are good candidates for this big gun. There are some concerns about how good is the data and how is it being post processed still exist. As the work is being contracted out, some of these concerns are hard to address. There has been some evidence of hiccups in the data. One road was shown where the data had a break and rise where there is none on the ground. This particular situation was not a concern, as that data was not intended for Engineering Design use. In the end Mobil Laser Scanners can collect vast amounts of data at ground level in a short time period of time, save large amounts of dollars. Kevin's presentation was interesting and educational.

After Kevin finished, it was time to go home. The Marin Chapter covered our dinners as an extension of a privilege normally awarded the guest speaker. We shook hands and headed home. I would like to express my appreciation to everyone involved for a great night and wonderful hospitality. I look forward to seeing Marin members coming up to visit the Sacramento Chapter.

Centrally Located by Rob McMillan, PLS

When I was a San Diego Chapter member, I always enjoyed our joint meetings with our neighbors to the North - the Orange County Chapter. Unfortunately, I was not as involved in CLSA activities in Southern California as I am here, and didn't take the opportunity to venture to the other SoCal CLSA Chapters. One of the advantages of living in the Sacramento area is that we are centrally located to many other Chapters, affording our members the opportunity to visit our neighbors. As Channing Whetstone described in another article in this issue, we often do just that. Our closest Chapter is the Northern Counties. Annette Lockhart and I visited them last week in Yuba City, a mere 45 minute drive. Their other meeting locations include the famous (and upcoming) BBQ & pot luck at Hammon Grove Park, just east of Marysville, A joint meeting with Cascade Chapter in Red Bluff, and Oroville. Cascade Chapter typically holds their meetings in Redding, but are known to venture out to joint meetings elsewhere. Yes, that is a ways to go, but great ideas are shared when we visit other Chapters. Cascade is the source of our "find the joker" drawing.



Gold Country is about an hour to the North East, holding meetings in Meadow Vista, just outside of Auburn. To our South East is the Motherlode Chapter. That is a trip I will put at the top of my "to do" list. Turning towards the South, we find the Central Valley Chapter holding court in Modesto, about an hour and 20 minutes from Sacramento. Farther south is the San Joaquin Valley Chapter. While I admit Fresno/Clovis is a bit of a haul, everyone should at least make the trip for the January meeting, held in conjunction with the CSU Fresno Geomatics Conference.

South and West about 3 hours away is the Monterey Chapter. Yes, it's another long haul, but the members are hospitable, and the scenery is great. Santa Clara / San Mateo Chapter is at the south end of the Bay. If you find yourself in the San Jose area on meeting night, be sure to stop in and join them. East Bay Chapter, contrary to the what the name implies, covers far beyond the eastern shore of the Bay. Members come from San Francisco, Livermore,



PRESENTS:

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Double Monumentation**

Speaker: Steve Parrish, PLS

**September 16 ,2011
Radisson Ontario Airport
Ontario, CA**

**September 23, 2011
Crown Plaza
Concord, CA**

GPS

Do you use GPS in your work?

Are you familiar with the Light Squared/GPS Interference issue?

Here is a link to the GPS World webinar archives:


<http://www.gpsworld.com/wireless/market-insights-webinars-8423>

For sample letters and contact information for your congressman, see the lower left corner of the CLSA website.

<http://www.californiasurveyors.org/>



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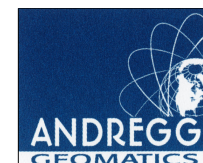


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California Surveyor Wins Again!

The California Surveyor magazine has been awarded the NSPS National Journalism Award for the fourth year in a row! Magazines from each of the state societies are judged on the focus and quality of their content, readability, overall publication design, page layout and ratio of

advertising vs contributed content. Special thanks to Editor John Wilusz for his tireless efforts in making the California Surveyor magazine, not only a great member benefit, but also an award winning publication!

Have you missed an edition of the Cal Surveyor? Visit the website to access a full archive of California Surveyor magazines (Issue #1 - Issue #165!)

www.californiasurveyors.org/calsurv.html

Remember to mark your calendars for the next meeting of the Northern California GPS Users Group Friday June 10, 2011 in Martinez, CA 9AM until Noon.

Hope to see you there!

Duncan Marshall PLS
Secretary NCGPSUG



OGUG

Just another invitation/reminder about our annual meeting and BBQ on June 3. Please RSVP to me by June 1 so that we can ensure enough food and beverages will be there.

Thank you and we look forward to seeing everyone.

Respectively,
Cael Neathamer
OGUG Secretary

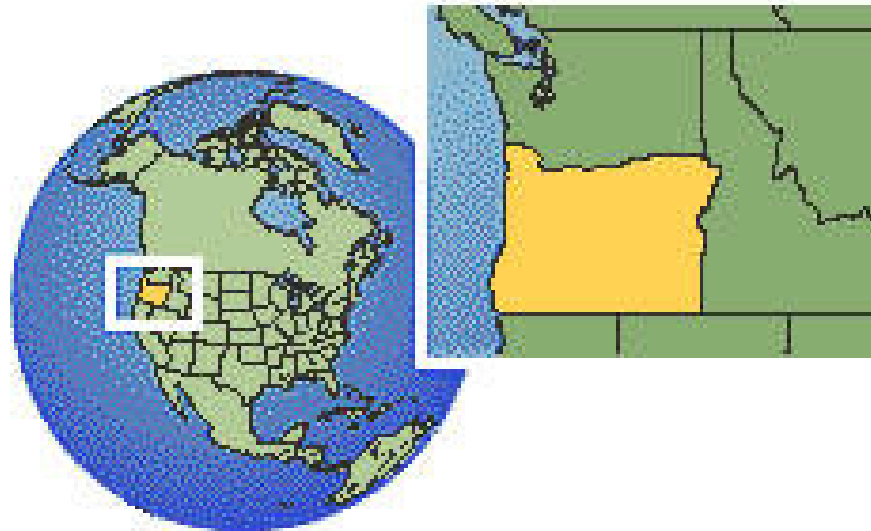
Meeting Information:

When: Friday, June 3, 2011

Where: Hollinshead Barn, 1237 NE Jones Rd, Bend, OR 97701

Link to map:

<http://ogug.net/Maps/Hollinshead%20Barn,%20Oregon%20GPS%20User%20Group.htm>



Agenda:

9:00-9:15 Introductions and business meeting

9:15-10:15 PBP Update & Overview of the Scientific Use of PBO Data, Ken Austin

10:15-10:30 Break

10:30-11:30 Light Squared Threat to GPS Spectrum, Eric Gakstatter, GPS

World 11:30-12:00 NGS Updates, Mark Armstrong, NGS

12:00-1:00 Lunch: Annual OGUG BBQ, no charge to attendees.

1:00-1:30 Oregon Coordinate Reference System On-line GIS Tool, Ken Bays, ODOT

2:00-3:00 Vendor reports

Centrally Located continued

Brentwood, and Fairfield. Their December Holiday party meeting is not to be missed.

Continue to the West is the Marin Chapter. To my surprise there is no Napa Chapter, but the kind folks of Marin make you feel right at home. Continuing around to the North West is the Sonoma Chapter. Active participation by Santa Rosa Junior College students adds the extra energy and enthusiasm of youth to their meetings. Maybe it was just that the night I attended Sonoma, scholarships were being awarded? Just a little farther is the Lake / Mendocino Chapter. It's been too long since I've visited there. I've left out a couple Chapters that I will visit some day - Bakersfield, Central Coast and Humboldt are on my list. Then there are all the others in Southern California that I missed when the opportunity was easy. But hey - airline connections to most SoCal destinations are relatively cheap and easy, and I'm sure they all welcome visitors.

Take a look at the Chapter map at the following link - Decide where you might like to go. Check the Chapter details for meeting information. If they don't have it posted, send e-mails to their Officers to encourage them to post the info. Get some friends together and make an event of it. Take a student, and entertain him or her with tales of the good old days or your visions of the future. You may find out that other Chapters have common problems to solve, ideas to share, and great new people to meet.

<http://www.californiasurveyors.org/chapt.html>

PSOMAS

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Register Now for Fall Classes

SURVY 320 Advanced Survey 4 Units

Prerequisite: SURVY 300 with a grade of "C" or better; or equivalent.

Advisory: Completion of or concurrent enrollment in MATH 334 with a grade of "C" or better.

Course Transferable to CSU

Hours: 45 hours LEC ; 81 hours LAB

Description: This course focuses on real-world surveying applications such as, primary control, construction layout and staking, horizontal and vertical curves, above and underground structural staking, subdivision lotting, and street improvement construction. Introduction to boundary surveying and photogrammetric surveys, California State Plane Coordinate System, and theory of geodetic and control surveys. GPS, GIS, and electronic surveys and mapping are also introduced. Student should provide hand-held Electronic Scientific Style calculator equipped with trigonometric capabilities.

Schedule: Full Term, Aug 20-Dec 15

Th 05:30PM-08:05PM LEC E.Zimmerman SCC MAIN TEC 200 29388 [Textbook](#)

Th 08:30PM-09:50PM LAB E.Zimmerman SCC MAIN TEC 200

Sa 01:00PM-04:05PM LAB TBA SCC MAIN TEC 200

On-Campus

SURVY 324 Global Positioning Surveying (GPS)

3 Units

Prerequisite: SURVY 320 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

Description: This course is an introduction to the methods, techniques, tools, and applications of GPS for use in Land Surveys. It will also present factors of geodesy for surveying, enabling the student to understand and use the mathematical parameters of the earth's shape and effect on survey measurements.

Schedule: Full Term, Aug 20-Dec 15

W 05:30PM-07:35PM LEC R.McMillan SCC MAIN TEC 200 29390 Textbook

Sa 09:00AM-12:10PM LAB R.McMillan SCC MAIN TEC 200

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The FOCAL POINT is a publication of the Sacramento Area Chapter of the California Land Surveyors Association and is pleased to publish letters from land surveyors and other interested persons on subject matter relevant to the land surveying profession. Please include your name, address and daytime phone number. Views expressed are the opinions of the individual writers and are not necessarily those of CLSA, the Chapter, or the editor. FOCAL POINT accepts no responsibility for the accuracy of the information given. Letters may be edited and published in any format. All letters submitted become the property of the Focal Point. Due to space restrictions, FOCAL POINT reserves the right to hold letters for publication at a later date.

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