

CLSA eNews

November 2016

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CLSA Survey Results: Proposed Two-Person Crew Mandate

The California State Department of Industrial Relations (DIR) Advisory Committee on Working Alone in the Construction Industry is considering proposed safety regulations that may require two-person crews for field survey work. CLSA is participating in the process and conducted a survey to collect perspective and feedback from California's surveying community. We were pleased to receive nearly 600 survey responses! This feedback will be utilized by your peers representing CLSA on the DIR's Advisory Committee.

[Click here](#) for the Survey Results

[Click here](#) to visit the DIR webpage regarding this issue.

Lucas Workshops Near Capacity!

Both Northern and Southern California sessions of the CLSA Jeff Lucas workshops are filling up so don't wait to get your seat reserved to hear from a nationally-recognized land surveying law expert. Mr Lucas has been in the surveying business since 1976 and is a licensed land surveyor and attorney. He has been a

seminar leader on surveying topics that include ALTA/ACSM standards, boundary law, law of easements, water boundaries, surveying evidence and procedures, expert witness testimony, business law, contract law, torts and liability.

Mr. Lucas will be presenting two topics at each full-day workshop:

Survey Evidence and Procedure

There is a line of thinking within and without the surveying community that goes something like this: The surveyor's only role is to deal with the facts as contained in the client's deed; all other issues with regard to boundaries can only be determined by a court of competent jurisdiction. The obvious problem with this line of thinking is that, if this is truly the case, society does not need land surveyors. Boundary determinations boil down to two questions: A question of law and a question of fact. "The question of what is a boundary line is a matter of law, but the question of where a boundary line, or a corner, is actually located is a question of fact." *Walleigh v. Emery*, (Pa.Super.Court. 1960). This seminar will explore both of the questions fully, as well as the topics of evidence and procedures for the determination of a well-reasoned opinion on boundaries. State specific law will be incorporated into this seminar in the process of answering these and many other questions.



How to Make a Boundary Determination that Will Win in Court

What are the important issues to know and understand in order to make a boundary determination that will win in court, should you find yourself in court defending your map of survey and your opinion on the location of the property boundaries involved? What is the evidence standard that will be applied, the standard of care for professional surveyors in court, and what is the criterion for boundary determinations? This course studies the relevant evidence standards, different types of evidence, the standard of care, and explores the process of rendering a well-reasoned opinion on the only question that is within the purview of the retracing surveyor—the location question. The importance of deeds in and the role they have in boundary determination, the interpretation of deeds, finding intent, and how and when the boundary establishment doctrines come into play. The "Ultimate Issue Rule" will be discussed and its importance relative boundary determinations and liability. If you eventually find yourself in court over a boundary dispute, losing in court is not an option. The boundary surveyor who has rendered a well-reasoned opinion on the boundaries based on the law and the facts, is in a much better position to win in court than the surveyor who simply applied math and measurements as taken from a deed.

To register for the workshops, please click below to choose your preferred location and date:

- Southern California: Tuesday, November 15, 8:00 - 5:00 - [Click Here](#)
- Northern California: Thursday, November 17, 8:00 - 5:00 - [Click Here](#)

Please [contact](#) the CLSA Central Office if you have any questions.



2017 CLSA Committee Registration

Much of the CLSA's activities are accomplished by its committees, making productive committees a vital part of the association's operations. The committees receive their assignments from the president and report to the Board of Directors. Standing Committees are committees with an indefinite life span charged with a continuous function necessary to the operation of the association. Special or Ad Hoc committees generally have a definite life span that terminates upon completion of the assigned task. Participation in CLSA committees is via appointment by the president of the association and concurrence from the

committee chair.



CLSA Education Foundation Scholarship Application

The CLSA Education Foundation was established in 1993 and is committed to supporting land surveying students and programs. Last year over \$50,000 in scholarship aid was provided to land surveying students. Each scholarship has different criteria. To determine the criteria for a specific scholarship, visit the CLSA website.

Scholarship applications must be postmarked by December 3rd, 2016. Scholarship application submissions must include the following:

1. A completed application form.
2. An essay.
3. At least one letter of recommendation.
4. A complete and official transcript.

Additional information is available by [clicking here](#).

Three CLSA Webinars through the end of 2016

CLSA Webinar: Land Surveying Identity Theft
Nov 9, 2016 11:00 AM - 12:00 Noon

[Click here](#) to register for the webinar.

BPELSG, with the help of several licensees, has investigated and monitored the activities associated with a small group of unlicensed individuals who have deceived multiple property owners by representing themselves as legitimately authorized to perform land surveying services and providing those services in a manner that directly fails to meet the standards which the public can rely upon. Recently, BPELSG began receiving reports that these individuals have changed their tactics and are now



allegedly representing themselves, falsely and without authorization, as legitimately licensed practitioners and the firms that these practitioners are employed by. Attend this webinar and learn about BPELSG's considerable effort over the last several years towards investigating these unlicensed individuals, as well as how you can protect your license and practice.

Webinar Presenter: Ric Moore, Executive Officer, BPELSG

CLSA Webinar: Network RTK Systems in California
Nov 16, 2016 11:00 AM - 12:00 Noon

[Click here](#) to register for the webinar.

Traditionally, in RTK (Real Time Kinematic) GPS (Global Positioning System), rovers receive RTK data from a single RTK reference station. Nonetheless, as the distance increase between the stations, range measurements become more and more uncorrelated and this limits the ability to resolve the atmospheric and orbital errors. To overcome this drawback, Network RTK concept has been developed. In Network RTK rather than only base station and rover(s), as the name indicates, there are network of reference stations. These reference stations continuously stream GNSS (Global Navigation Satellite System) data to central server running Network RTK software and these measurements are used to generate corrections for the region ideally encompassed by the reference stations using advanced interpolation techniques. It means that Network RTK covers larger area and still maintains the same level of performance. In this presentation, after going through four RTK corrections, namely, MAX, I-MAX, VRS and FKP, Network RTK systems in California will be shown.



Webinar Presenter: Dr. Mike Mustafa Berber, P. Eng.

CLSA Webinar: Phasing Boundary Surveys
Dec 14, 2016 11:00 AM - 12:00 Noon

[Click here](#) to register for the webinar.

The traditional approaches to boundary surveys used by many land surveyors makes little business sense. They expose the surveyor to unnecessary risk of reduced profit or financial loss. In this seminar we examine three (3) of these traditional approaches and discuss why they don't work from a business perspective. We then consider what land surveyors can learn about improving their profit performance on boundary services by looking at the way other small business people approach their work. The speaker then presents an approach he uses to improve his profit performance on boundary surveys: phasing. This discussion includes the reasons to phase a project, the project types that are best suited to phasing, and tips for how to phase a project. The seminar concludes by walking the audience through an example project and discussing how to propose on the project so that a phased boundary survey can be used.



Webinar Presenter: Landon Blake

2016 CLSA Publications On Sale

While supplies last, all 2016 CLSA Publications are now available for half the normal price, including



the Subdivision Map Act with Index, PLS Act, PE Act, Board Rules and PLS Roster, and Miscellaneous Statutes. Please click the link below to view CLSA Publications and place an order.

[CLSA Publications](#)

2017 CLSA Annual Conference: Call for Speakers

CLSA invites individuals interested in presenting at CLSA's 2017 Annual Conference to respond to our Call for Presentations. If you, or someone you know, have a compelling story to tell on the leading edge of the profession, we invite you to submit a proposal (via mail, fax or email) addressed to:

2017 CLSA Conference Committee
attention: Jeff Burgess, Executive Director
2520 Venture Oaks Way, Suite 150
Sacramento, CA 95833
Fax: 916-924-7323
jeff@californiasurveyors.org



The deadline for submitting proposals to present at the 2017 CLSA Annual Conference is Thursday, December 1, 2016. Speakers accepted to present will be provided complementary conference registration and reimbursed travel expenses. Presenter guidelines and a submission form is available by [clicking here](#).

Industry suppliers and employers interested in showcasing a specific product or service are encouraged to email jeff@californiasurveyors.org to learn more about conference exhibitor and sponsor opportunities.

Upcoming Events:

November 9 at 11:00 AM

[CLSA Webinar: Identity Theft in Land Surveying](#)

November 10 at 7:30 AM

[2016 David Hobbs Memorial Scholarship Golf Tournament](#)

November 15 at 8:00 AM

[Jeff Lucas Workshops - Southern California](#)

November 16 at 11:00 AM

[CLSA Webinar: Network RTK Systems in California](#)

November 16 at 5:30 PM

[Orange County Chapter Meeting - Scholarship Night & The Future of Land Surveying](#)

November 17 at 8:00 AM

[Jeff Lucas Workshops - Northern California](#)

November 17 at 5:30 PM

[San Diego Chapter Meeting](#)

December 8 at 5:30 PM

[Orange County LS Review Class Kickoff](#)

December 14 at 11:00 AM

[CLSA Webinar: Phasing Boundary Surveys](#)

Additional events can be viewed on CLSA's [online event calendar](#).

STAY CONNECTED:

