

Central Coast Chapter
California Land Surveyors Association
official newsletter

PARALLAX

FEBRUARY, 2016

VOLUME 19, No. 2

FEBRUARY MEETING: TUESDAY FEBRUARY 17, 2016

5:30 PM SOCIAL, 6 PM DINNER, SANTA MARIA STYLE BBQ, \$35

LOCATION: MADONNA INN

PRESENTATION: DRONE PHOTOGRAPHY

GUEST SPEAKER: DREW VAN DUREN

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Drew Van Duren bio

Drew Van Duren is a senior cryptographic, cybersecurity and cyber-physical systems engineer at Leidos highlighting 15 years of support to commercial, Department of Defense (DoD), Intelligence and US Department of Transportation (USDOT) customers and their efforts in securing vital systems. Originally an aeronautical engineer and private pilot, his experience evolved into cyber-physical (transportation system) risk management, secure cryptographic communications design, as well as software and network engineering, analysis and design of cryptographic network protocols. He has provided extensive unmanned aircraft (UAS) risk modeling and security mitigation expertise to the FAA's UAS integration office and in conjunction with the RTCA developed the cryptographic security requirements for unmanned aircraft planning to operate in the US National Airspace System (NAS).

Drew has managed as Technical Director the two largest FIPS 140-2 (cryptographic module) cryptographic testing laboratories, directed and performed extensive cryptographic security engineering and system architecture design of high assurance DoD systems and directed large public key infrastructure (PKI) and key management engineering efforts. He continues to interface with standards bodies such as the National Institutes for Standards and Technology (NIST) Cryptographic Module Validation Program (CMVP), USDOT and RTCA, and provides ongoing security standards development support and cybersecurity expertise to the US Government. In addition to his cybersecurity efforts, Drew is co-founder of the company, Responsible Robotics LLC, which is devoted to the safe and responsible use of airborne robotic systems (drones) and secure traffic management of UAS in low altitude airspace.

Drew is an avid RC and drone pilot and performs a variety of unmanned aircraft operations legally under FCC exemption.

2016 Chapter meeting schedule

(Note: all Dinner meetings are 5:30 pm social, 6:00 pm meeting unless noted otherwise)

January

February 16 (Tuesday)

Guest Speaker: Drew Van Duren, Drone presentation

Location: Madonna Inn

March 15 (Tuesday)

Program: TBA

Location: Madonna Inn

April 19 (Tuesday)

Guest Speaker: Roger Hanlin, CLSA President

Location: Madonna Inn

May 17 (Tuesday)

Program: Trig*Star Awards

Location: Madonna Inn

June NO MEETING

***July 19 (Tuesday)**

Program: Summer business meeting *(TENTATIVE)

Location: Madonna Inn

August 20 (Saturday)

Annual Summer BBQ / Horseshoe Tournament

Location: Cuesta Park

September 20 (Tuesday)

Program: TBA

Location: Madonna Inn

October 18 (Tuesday)-

Program: TBA

Location: TBA

November 15 (Tuesday)

Program: Kevin and Lisa Irot from First American Title Co.

Location: Madonna Inn

December - Annual Christmas Party

Date, Time & Location TBD

City of San Luis Obispo Subdivision Regulations Update Project

A comprehensive update of the City of San Luis Obispo's [Subdivision Regulations](#) is underway. The goals of the project are to update the regulations to be consistent with current Subdivision Map Act law, and to incorporate the latest trends in ownership boundaries including airspace and three dimensional subdivisions, and other forms of subdivisions such as small lot subdivisions. The document layout will be updated and include graphics, figures, and tables to enhance the "user friendliness" of the regulations. City staff will be conducting ongoing outreach to receive feedback from interested parties, and would appreciate the opportunity to garner input prior to development of draft regulation updates.

If you would like to be involved, have any questions, or would like to receive continued updates on the project and notifications of project milestones, and/or hearings, please contact Brian Leveille, Senior Planner at [805-781-7166](tel:805-781-7166), or by e-mail: bleveille@slocity.org

County of San Luis Obispo Amends Real Property Division Ordinance

January 26, 2016: The SLO County Board of Supervisors voted 5-0 to adopt Ordinance 3314 requiring all subdivision maps to be tied to CCS83 Zone 5 and requiring all Parcel maps to be based on a field survey. The ordinance will take effect March 28, 2016. Full text of the ordinance is shown on

pages 12 -13.

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CLSA 50th
ANNIVERSARY CONFERENCE



A FUTURE
WORTHY OF OUR
PAST

CLSA 50th CONFERENCE DoubleTree by Hilton Sonoma
MARCH 19-23, 2016 One DoubleTree Drive
Rohnert Park, CA 94928

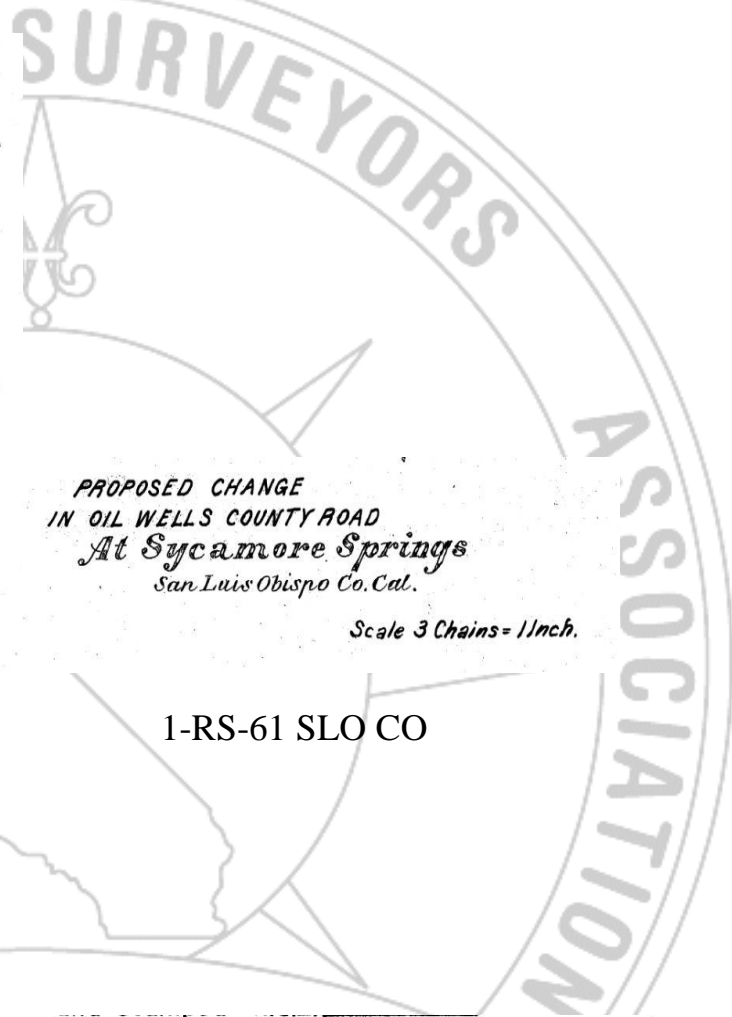
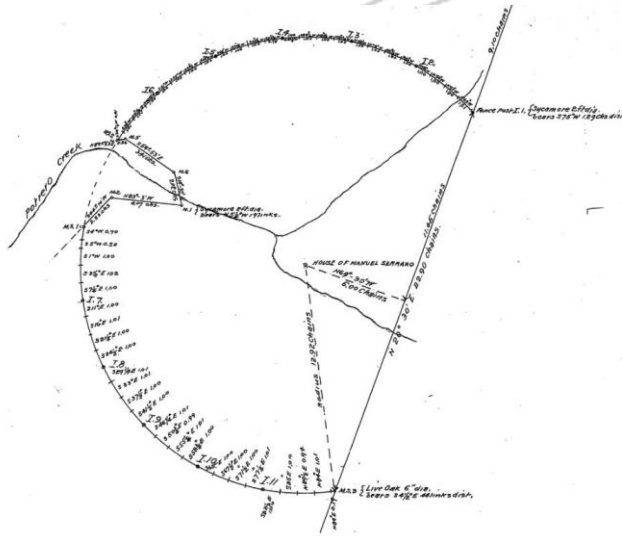
Registration is now open for the California Land Surveyors Association's 50th Anniversary Celebration and Conference. The theme for this golden celebration will be A Future Worthy of Our Past, and education sessions will provide insight into the future of land surveying in the next 50 years

CLSA 50th Anniversary Celebration and Conference
March 19 - 23, 2016
DoubleTree Sonoma Wine Country
Sonoma County, CA

[HTTPS://WWW.CALIFORNIASURVEYORS.ORG/CONFERENCE.HTML](https://www.californiasurveyors.org/conference.html)

BACK SIGHTS

A random look back.....



*PROPOSED CHANGE
IN OIL WELLS COUNTY ROAD
At Sycamore Springs
San Luis Obispo Co. Cal.*

*Part of Lot 9 of Harris' Partition of Rancho Potrero
de San Luis Obispo.-San Luis Obispo Co. Cal.*

Scale 3 Chains = 1 Inch.

1-RS-83 SLO CO

1-RS-61 SLO CO

**OLD CUESTA GRADE
SOUTH SIDE**

△ Indicates Electrotape survey Control Point

*Surveyed Oct. 10, 1903,
By order of Board of Supervisors
Oct. 6th 1903.*

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the LAND SURVEYOR'S ACT, at the request of County of San Luis Obispo in July, 1967.

1-RS-72 SLO CO

16-RS-21 SLO CO



ALLEN

Instruments & Supplies

Register Now for the 2016 User Conferences

February 23rd- Riverside, CA | February 24th- Burbank, CA

Please join Allen Instruments, Manufacturers Technical Representatives and your industry peers as we present and share workflows and techniques designed to help you maximize efficiency and enhance productivity.

Don't miss this opportunity to explore new solutions from



and



Dates & Locations:

February 23, 2016

University of
California Riverside
1299 University Ave
Riverside, CA 92507

February 24, 2016

Residence Inn by Marriott
Burbank Downtown
321 S. 1st Street
Burbank, CA 91502

These events will go from 8:00am - 4:00pm and lunch will be provided
To register for the event and for hotel information please go to:
<http://www.signupgenius.com/go/10c0b4dacac2ea3fa7-2016>



www.alleninstruments.com

2940 East La Palma Ave, Suite F - Anaheim, CA 92806 • Phone: 800.215.2737 • Fax: 714.238.3441



CENTRAL COAST CHAPTER
of the
CALIFORNIA LAND SURVEYORS ASSOCIATION

Email: central.coast.clsa@gmail.com

January 2016 Minutes

CENTRAL COAST CHAPTER CLSA MEETING was held **January 19, 2016 at 6:00 PM** at **Madonna Inn, San Luis Obispo, CA**

(Jonathan Walsh) CALL TO ORDER 6:02 PM

(Jonathan Walsh) PLEDGE OF ALLEGIANCE

(Jonathan Walsh) ROLL CALL/ INTRODUCTIONS

Jonathan Walsh announces 2016 Officers and passes gavel to Cristi Fry

Cristi Fry, President – states that this is an honor.

David Karp, Vice President

George Marchenko, Secretary/Treasurer

Jonathan Walsh, Immediate Past President

Ian McClain - State CLSA Board Director

Robert Reese - State CLSA Board Director

Mike Stanton - State CLSA Board Director

11 members and 8 non-members (yet to re-up) were in attendance at the meeting, including the speaker and guests.

(Cristi) APPROVAL OF MINUTES

MOTION by President Cristi Fry and **SECONDED** (J. Walsh) to approve the November 17, 2015 Chapter Meeting Minutes as published in the January Parallax.

(Discussion if any)

(Call for vote – Ayes 100%)

(Cristi Fry) PRESIDENT'S REPORT

Excomm discussed member of the year award for 2015. Jonathan Walsh discusses his reasoning's and asks Chapter to follow Ex. Comm.'s recommendations. George Marchenko also speaks on behalf of the recommendation.

Motion to approve recommendation and a \$100 gift card for member of the year.



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Call for vote, 100% ayes.

VICE PRESIDENT'S REPORT

Vice President David Karp reported: that the Executive the committee met last week to discuss various business items and making a smooth transaction for the new officers coming in 2016. The next meeting on February 16, we will have Drew Van Duren's Drone presentation. April 19 meeting we will have the 2016 President Roger Hanlin to speak. May is Trig*Star meeting.

(George) SECRETARY/TREASURER'S REPORT

The current Chapter checking account balance is \$ 9826.45

Except for our guests, cost for dinner tonight was \$35.

Announced Chapter Membership forms are on table

Made a Skype presentation and encouraged folks to get on Skype for committee meetings.

(Ian) DIRECTOR'S REPORT

Monies were donated for a gift to Ms. Calegari et al but declined.

MOTION: Ian makes a motion that the money is used for a scholarship fund, a onetime fund. Dave Karp seconds.

Discussion results in Mr. Marchenko will look into creating a onetime Calegari Scholarship fund using money's donated as a gift to Ms. Calegari. Lenger approves that his donation can be used thusly.

100% ayes.

(Cristi) CHRISTMAS PARTY Report

Cristi discusses the Christmas Party and if people liked the daytime party, the general consensus is that a brunch party was nice.



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(Tom Mastin) EDUCATION COMMITTEE

Tom gives a presentation on an LS/LSIT review Blog to replace classes as the classes are just not working. Jonathan Walsh motions that we consider an Ad Hoc committee. George Marchenko seconds and offers an amendment to vote to create the committee tonight. Amendment is approved. Vote is 100% ayes. Ad Hoc Committee is formed. Members are Tucker Sanders, Ian McClain and Tom Mastin at this time.

(Cristi) PROFESSIONAL PRACTICES COMMITTEE

No Report.

(George) TRIGSTAR COMMITTEE REPORT

Our Chapter received donations of \$1050 from members last year. We are working on receiving a subsidy from Central Office.

(Cristi) OLD BUSINESS

Doug Rion discusses the proposed amendment to the County Code to eliminate record data parcel maps and require subdivision maps to be tied to CCS83.

(Cristi) NEW BUSINESS

Cristi- Ex Comm. Discussed a policy for email blasts and writing a letter of thank you to Greg Rey, City of GB for taking recommendations from the Ron Nelms presentation and incorporating them into a City contract.

Cristi announces committees and appointments:

2016 Standing Committees:

Professional Practices Committee

Chair - Cristi Fry

Dave Karp (new)

Ian McClain

Robert Reese

Doug Rion

JoAnn Head

Joe Morris (new)

Membership Committee Chair - George Marchenko (ex officio)

Professional Liaison Committee Chair - Ian McClain



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Education Committee Chair - Tom Mastin

2016 Special and Ad-hoc Committees:

Trig. Star Committee Chair - George Marchenko

Scholarship Committee Chair - Jonathan Walsh

Mastin- Parallax editor needs a replacement; Doug Rion steps up to take over.

Cristi- Discusses bringing the back boy scout-girl scout merit badges.

Mike Stanton- announces that Ron Nelms is looking for 'scary stories' of monument destruction.

(Cristi) ANNOUNCEMENTS

Fresno State University 54th Annual Geomatics Engineering Conference will be held January 29 30 at the Double Tree in Fresno.

CLSA/NALS Conference will be March 21-25 at the Silver Legacy Hotel in Reno, Nevada. Early bird discounts are available until February 21st.

Next meeting is February 16 – Drew Van Duren Drone Presentation at Madonna Inn

(Cristi) ADJOURNMENT

(Call for meeting to adjourn.) 8:24 PM.

(Attachment: none)

ORDINANCE NO. 3314

AN ORDINANCE AMENDING TITLE 21 OF THE SAN LUIS OBISPO COUNTY CODE,
THE REAL PROPERTY DIVISION ORDINANCE, CHAPTER 21.06, RELATIVE TO
PARCEL MAPS AND TRACT MAPS CONTENT AND FORM,
AND PARCEL MAPS BASED ON A FIELD SURVEY

The Board of Supervisors of the County of San Luis Obispo ordains as follows:

SECTION 1: Division 8, Chapter 1 of the Real Property Division Ordinance, Title 21 of the San Luis Obispo County Code, is hereby amended to add the following:

Section 21.06.020(a)(2) of the San Luis Obispo County Code is hereby amended to add the following:

(xiii) The basis of bearings shown on the map shall be referenced to the California Coordinate System 1983, Zone 5, (CCS83 Z5) as defined in California Public Resources Code Sections 8801-8819. Parcel maps based on record data only as provided for in Section 21.06.026 shall be exempt from this provision. Any other exemption shall be at the discretion of the County Surveyor;

(xiv) A minimum of two monumented locations on the exterior boundary of the subdivision shall be tied to CCS83 Z5 coordinates with the horizontal coordinates for each of those locations listed on the map and expressed in feet and decimal of a foot, in units of the "US Survey foot." The epoch of the coordinates shall also be shown on the map. Any exemption shall be at the discretion of the County Surveyor.

Section 21.06.026 of the San Luis Obispo County Code is hereby amended to remove the following:

21.06.026 - Parcel maps, based on field survey ~~or compiled from recorded or filed data~~

~~Parcel maps shall be based upon a field survey made in conformity with the Land Surveyors Act; provided, however, that if all parcels resulting from the division have a gross area of forty acres or more, or each of which is a quarter quarter section or larger, the parcel map may be compiled from recorded or filed data when sufficient information exists on filed maps to locate and retrace the exterior boundary lines of the parcel map, and if the location of at least one of these boundary lines can be established from an existing monumented line.~~

SECTION 2: That the activity is covered by a General Rule Exemption (State CEQA Guidelines section 15061(b)(3) from the California Environmental Quality Act (CEQA) because it can be seen that there is no possibility that the activity in question may have a significant effect on the environment; and

SECTION 3: If any section, subsection, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by the decision of a court of competent jurisdiction, such decision shall not affect the validity or constitutionality of the remaining portion of this ordinance. The Board of Supervisors hereby declares that it would have passed this ordinance and each section, subsection, clause, phrase, or portion thereof irrespective of the fact that any one or more sections, subsections, sentences, clauses, phrases or portions be declared invalid or unconstitutional; and

SECTION 4: This ordinance shall take effect and be in full force on and after 60 days from the date of passage thereof. Before the expiration of 15 days after the adoption of this ordinance, it shall be published once in a newspaper of general circulation published in the County of San Luis Obispo, State of California, together with the names of the members of the Board of Supervisors voting for and against the ordinance.

INTRODUCED at a regular meeting of the Board of Supervisors held on the 5th day of January, 2016 and PASSED and ADOPTED by the Board of Supervisors of the County of San Luis Obispo, State of California on the 26th day of January, 2016 by the following roll call vote, to wit:

- AYES: Supervisors Frank R. Mecham, Bruce S. Gibson, Adam Hill, Debbie Arnold, and Chairperson Lynn Compton
- NOES: None
- ABSENT: None
- ABSTAINING: None

Lynn Compton
Chairperson of the Board of Supervisors

ATTEST:

TOMMY GONG
Clerk of the Board of Supervisors

By: Annette Ramirez
Deputy Clerk

[SEAL]

APPROVED AS TO FORM AND LEGAL EFFECT:

RITA L. NEAL
County Counsel

By: /s/ Benjamin Dore
Deputy County Counsel

Dated: December 7, 2015

STATE OF CALIFORNIA) ss.
COUNTY OF SAN LUIS OBISPO)

I, **TOMMY GONG**, County Clerk of the above entitled County, and Ex-Officio Clerk of the Board of Supervisors thereof, do hereby certify the foregoing to be a full, true and correct copy of an order entered in the minutes of said Board of Supervisors, and now remaining of record in my office.

Witness, my hand and seal of said Board of Supervisors on February 4, 2016.

TOMMY GONG,
County Clerk and Ex-Officio Clerk of the Board of Supervisors

By: Wandy Currens
Deputy Clerk