

# ***SURVEY NOTES***

Volume 13 Issue 8

August 2007

---

**CALIFORNIA LAND SURVEYORS ASSOCIATION, SAN DIEGO CHAPTER**  
5519 Clairemont Mesa Blvd, Mail Box 261, San Diego, California 92117  
[www.sd-surveyors.org](http://www.sd-surveyors.org)

---

**Chapter Meeting**  
**Wednesday, August 15th**

**Guest Speaker:**  
**Marti Ikehara**  
**National Geodetic Survey**  
**State Geodetic Advisor for California**

*Marti will be speaking about the 2007 NGS Readjustment process and concerns, "OPUS-DB", and NGS 10-year goals*

## **Marti Ikehara Biography**

Marti Ikehara has been the State Geodetic Advisor for California for the National Geodetic Survey since July 1999. Expansion and maintenance of geodetic control networks, particularly in earthquake-affected and land subsidence areas are a primary aspect of her work. Marti provides advice in network design and planning, interpretation and clarification of the NGS Ellipsoid Ht and Orthometric Ht Guidelines in executing Height Modernization surveys. She has also been involved with wetland restoration and monitoring in the Sacramento-San Joaquin Delta and SF Bay where understanding of orthometric heights and tidal datums is crucial. NGS works closely with the California Spatial Reference Center, based at Scripps Institution of Oceanography here in La Jolla. As one of about 25 Geodetic Advisors nationwide, Marti keeps busy with the geodetically active environment in California.

Prior to joining NGS, Marti was involved with land subsidence studies in California with the Water Resources Division of the U.S. Geological Survey for 13 years. She had used GPS surveying since 1986 for surveying networks in Sacramento Valley, Antelope Valley, and Coachella Valley to determine updated elevations.

While working for USGS in Hawaii from 1980-86, she was involved with borehole geophysical logging of the fresh-salt water interface on Oahu to aid in regional ground-water flow modeling.

## **Location**

## **Bali Hai Restaurant – Shelter Island**

2230 Shelter Island  
San Diego, CA 92106  
Ph (619) 222-1181  
5 pm Executive Board Meeting  
6:00 p.m. Social/Networking  
6:30 p.m. Dinner  
7:30 p.m. Program

Please RSVP through our CLSA San Diego Chapter website no later than Wednesday, Friday, August 10th. The website address is <http://www.sd-surveyors.org>. Please click on the "Dinner Reservations" button and fill in all of your reservation information there.

### ***Luau Buffet - \$30***

***Roast Tri-Tip of Beef,  
Roast Island Chicken, Sweet and Sour Shrimp***  
*Salad Bar that includes Tossed Green Salad with Choice of Dressing, Dill Potato Salad, Three Bean Salad, Waldorf Salad, Lomein Noodle Salad, Tortellini Salad*  
*Seasonal Fresh Fruit,  
Fresh Rolls, Steamed Rice, Fried Rice*  
*Coffee, Tea, and Iced Tea*  
Price includes tax & gratuity

---

### **EXECUTIVE BOARD MEETING**

**July 11, 2007**

*Meeting held at Stevens Cresto Engineering.*

***Board Members Present:***

*Andy Karydes, President;  
Sean Englert, Vice President  
Joe Cresto, Treasurer;  
Pat McMichael, Secretary;  
Anne Hoppe  
Gary Hus  
Lonny Cyr  
Dave Ambler  
Tony Nothdurft*

***President's Report – Andy Karydes***

- ESRI International Users Conference was held June 16-19 at the San Diego Convention Center. Andy Karydes, Jas Arnold, Steve Shambeck, manned the CLSA booth.*
- Armand Marois was appointed State Representative, replacing Steve Martin.*
- Tony Nothdurft, Armand Marois and Gary Hus will be attending the State Board meeting in Oakland on July 28.*
- A draft of the 2007 chapter roster was distributed to the members in attendance for review.*
- Andy will research past guidelines for bestowing lifetime membership to the chapter and report to the board in August.*

- *The City of San Diego has decided to permanently fill the position of City Surveyor.*

#### **Vice President's Report – Sean Englert**

- *The July general meeting will be held at the Mission Valley Holiday inn with Karen Koklich speaking about the County GIS system.*
- *Future meetings will include:*  
*August – Marti Ikehara will update us on developments at the National Geodetic Survey.*  
*September - Joint meeting with Orange County Chapter in San Clemente*  
*October - Lee McComb will talk about Fire Surveys*  
*November – Dave Woolley will talk about ALTA Surveys and Records of Survey.*  
*December 19, 2007 – Holiday meeting at Tom Ham's. Entertainment to be determined.*
- *A motion was made and passed set the cost of the Holiday dinner at \$22, and subsidize any additional costs.*

#### **Treasurer's Report – Joe Cresto**

- *The general fund currently has a total of \$16,347*
- *The education fund has \$9249.71.*
- *CD #one has a current balance of \$39,368.*
- *CD #two has a current balance of \$3,000.00.*

#### **Secretary's Report – Pat McMichael**

- *6 State member notices were forwarded to the membership committee.*
- *The next quarterly report is due at the Central Office in September.*

#### **Education Committee**

- *Still Looking to establish an Associate Degree program at a local college.*
- *Need volunteers to help with TRIGSTAR programs for upcoming school year.*

#### **Membership Committee –**

- *New roster to be published soon*
- *There are currently 114 registered members including 5 life members.*

#### **Legislative Committee**

- *Anne recapped recent emails regarding proposed Bill amendments.*

#### **JPPC Report**

- *No report, next meeting will be July 12.*

#### **Chapter Representatives**

- *Next Board of Director's meeting will be July 28 at the Hilton Ontario Airport*

#### **Website**

- *Photos from the Initial point hike and Steve Martin's farewell party will be added.*
- *Anne is organizing a Mount Diablo bike ride August 24-26, and a moonlight bike ride from Julian to Ocotillo on October 20.*

#### **Nominating committee**

- *Andy Karydes and Sean Englert will meet to propose next year's officers.*

#### **New business**

- *The first draft of the new City of San Diego Subdivision Manual is now available for review and comment at:*

<http://www.sandiego.gov/development-services/industry/mapping.shtml>

*Comments will be accepted through August 30.*

- *Cuyamaca College is offering a class in Boundary control and principals.*
- *There was some discussion regarding the practice of surveyor's contracting to monument another surveyor's map. Concerns were raised regarding liability and release of responsibility. No action was taken at this time*
- *The Chapter Secretary was assigned the duty of proofreading and reviewing the newsletter prior to distribution.*

**GENERAL MEETING**  
**July 18, 2007 – Holiday Inn Mission Valley**

Karen Kochlich of Caltrans gave a very informative presentation of some of the data available online from Sangis. Be sure to check out <http://www.sangis.org/>.

Andy then gave a summary of the Executive meeting.

Terry Connor, the County Surveyor, reminded everyone that Section 66498 of the Subdivision Map Act states in part: "If the original engineer or surveyor is replaced by another, the former may, by letter to the county surveyor or city engineer, release his obligation to set the final monuments to the surveyor or engineer who replaced him." In compliance with that section, Certificates of Correction to change LS number will not be approved without a letter of release from the Surveyor who signed the Map. Terry also stated "The surveyor always has the option in these instances of filing a Corner Record or Record of Survey in-lieu of a Certificate of Correction".

A motion was made and passed for the Chapter to contribute \$100 to the American Cancer Society in memory of Bill Richard.

The Chapter golf tournament will be September 21. Volunteers are needed to help organize and run the tournament. If you can help in any way, please contact David Paul Johnson or Justin Pallamary.

Mike Hart presented dinner gift certificate to the presenters of the LS review class to thank them for all the time and hard work put into the classes.

The raffle was then held and the meeting adjourned.

Submitted by,

Pat McMichael, PLS  
Secretary

**Education/Seminars/Workshops**

**CLSA Workshop Survey** - Please take a moment to complete the CLSA workshop survey which will assist the Workshop Committee in planning future seminars. Click the link below to begin the survey. We anticipate this survey will take approximately 1-3 minutes. -Thank you in advance for your participation! Click the link to take the survey - <http://www.surveymonkey.com/s.asp?u=537563427882>

**Seminars in San Diego unless otherwise noted:**

**CLSA Conference 2008** Feb. 23-27, 2008, Silver Legacy Hotel & Casino, Reno, NV.

**47<sup>th</sup> Annual Cal State Fresno Geomatics Conference** – Save the date: Jan. 24-26, 2008, Cal State Fresno. Contact [www.csufresno.edu/geomatics](http://www.csufresno.edu/geomatics) or 559-278-6244.

**Carlson Fundamentals** Sept 10, 11. **Carlson Survey** Sept, 12, 13. **Carlson SurvCE** Sept. 14. Training in Costa Mesa. Contact Cori Vernam [coriv@servco1.com](mailto:coriv@servco1.com) or 800-938-0606.

**Pacific Land Seminars - PLS Practice Exam** Sept. 7, Santa Ana. Sept. 21, Las Vegas. **FLS (LSIT) Review** Sept. 14-16, Santa Ana. Sept. 28-30 Las Vegas. Contact [www.pacificland.com](http://www.pacificland.com) or 949-642-0335.

**Master Planned Communities in California** Aug. 15. **Cell Tower Regulation** Aug. 21. **Legal Aspects of Condominium and Homeowners' Associations** – featuring Mike Pallamary, Santa Ana Aug. 28. **California Public Works Construction Law: The Essentials and Latest Developments** Sept. 19. **The Development Approval Process** Sept. 27. **A Primer on Land Surveys** teleconf Sept 26. Contact [www.lorman.com](http://www.lorman.com) or (866) 352-9539.

**Practical Guide to Zoning and Land Use Law**, Sept. 5. Contact NBI <https://www.nbi-sems.com/contactus.html> or 800-930-6182.

**Easements: Rights of Way and Other Encumbrances** Sept. 20. **Emerging Trends in Surveying & Real Property Law Conference** Las Vegas Oct. 17-19. Contact [www.pesi.com](http://www.pesi.com) or 800-843-7763.

**Trimble On-Demand Webinar: How Can You Achieve Flexibility and Simplicity with Solid ROI Today?** - from Professional Surveyor Magazine. See <http://www.bulldogsolutions.net/Trimble/TRM07112007/index.aspx>

**Cuyamaca College** - Surveying courses taught and organized by Ken Schumaker. Also Surveying Drafting Technology, Boundary Control and Legal Principles, History of Rock and Roll. [www.cuyamaca.edu](http://www.cuyamaca.edu). Or 619-668-4040.

**Geospatial Analysis and Technology** – Seminars, courses and software training. Contact [register@ucx.ucr.edu](mailto:register@ucx.ucr.edu) or call 951-827-4105. Web-site: [www.UCRExtension.net/geo](http://www.UCRExtension.net/geo).

**CSU Fresno Geomatics Engineering Dept.** – Contact [www.csufresno.edu/geomatics/](http://www.csufresno.edu/geomatics/) for program and on-line courses.

**CSU Pomona Surveying Program** - [http://www.csupomona.edu/%7Ece\\_surv/surveng/index.html](http://www.csupomona.edu/%7Ece_surv/surveng/index.html).

**Santiago College GIS/GPS Surveying Program** - see [www.sac.edu/degrees/geography\\_information\\_degree.htm](http://www.sac.edu/degrees/geography_information_degree.htm)

**GIS Certification** – thru URISA <http://www.urisa.org/certification/2certific.htm>

#### **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

The 2006 Scholarship application is available at  
<http://www.californiasurveyors.org/files/scholarsh.html>

### **Employment**

**Lintvedt, McColl and Associates** is looking for a Project Land Surveyor with experience in boundary, topographic and construction surveys, including research, analysis and calculations. This person will work directly with clients and LMA staff including the principal land surveyor, field survey crews, civil engineers and technical staff. We offer the opportunity to work on a variety of interesting projects with a great team. Our compensation and benefits package is excellent, including matching 401k contributions, profit sharing plan, paid holidays, vacation and sick leave, family medical insurance and more. Resumes and inquires will be kept confidential, and should be addressed to Gary Lintvedt, Lintvedt, McColl and Associates, 2810 Camino Del Rio South, Suite 200, San Diego, CA 92108, or email to Gary@LMAEngineering.com.

### **Announcements**

#### **LS Test Results – this is the year !!!!!**

**Butcher John Robert LS 8240, Nguyen Huy Ngoc LS 8241, Bloodworth Don LS 8250, Caudill Gregory Allen LS 8253, Hagler Robert Lewis LS 8255, Clyburn Michael Kenneth LS 8259, Young John J LS 8284, Coppens Christopher Michael LS 8288, Rush Jeff D LS 8285, Dowling Chester Edward LS 8309, Kipp John David LS 8350, Lindsay James Walter LS 8355, Pilgrim Torrey Owen LS 8334, Posada Rod LS 8314, Purvis Patrick Justin LS 8359, Sain Jerry Ronald Jr LS 8317, Schock John C LS 8329, Sparks David Alain LS 8336.**

I think that's all the new LS's from San Diego County, so far. Appeals, take home and passing the National exam will add more names to the list. Take heart all that tried so hard and came up a little short . Keep at it !! Your time will come!!!

National Exam - 237 signed up, 213 sat, 101 passed, 112 failed. 47.4% pass rate. State Specific Exam- 566 signed up, 519 sat, 179 passed, 340 failed. Cut Score 206 out 394 possible. (52.3%). 34.5% pass rate!!!! The thinking is that the Exam Guide was monumental!!! Congrats to the successful candidates and to Bob Hart, Exam Guide Committee Chair!!! **A big HURRAHHHHHHHHH to Mike Hart and all who helped with the San Diego LS Review !! Thanks, Mike and to the rest of your crew for helping achieve this historical pass rate !!!!**

**Congratulations to Greg Hopkins** who has advanced in his career to the City of Chula Vista Surveyor position.

**Farewell Steve** – Andy, as you know, I have moved out of the Chapter area. I do not feel that I can represent the Chapter's interest well and not attend the Chapter meetings, so I regret to submit my resignation as Chapter Representative. I will miss the Professionalism, working towards common goals and the camaraderie that I have enjoyed during my 17 years as a Chapter member. Please let everyone know that I will miss them and that they can contact me at the East Bay Municipal Utility District; [simartin@ebmud.com](mailto:simartin@ebmud.com) (510) 287-1073.

- Steve

As you all know, Steve Martin has accepted a position with East Bay Municipal Utility District in Oakland, CA. Steve Martin has been very active in the San Diego surveying community, more particularly with the San Diego Chapter of the CLSA. And as you know, Steve is currently serving as a Chapter Representative for our Chapter. Since Steve will be leaving the area and his post as Chapter Rep for the San Diego Chapter, I hereby appoint Armand Marois as Chapter Representative for the remainder of 2007 to replace Steve.

Steve, you will be missed.

I am sure I speak for everyone, we will miss your camaraderie and professionalism, as well. On behalf of the San Diego Chapter of CLSA, I thank you for your service to the Chapter, and I regretfully accept your resignation. Good luck at EB MUD, our loss is their gain.

Armand, thank you for stepping up and filling Steve's post.

- Andrew

### **Stolen Equipment**

Our Trimble Robotic Total Station 5600DR MFG Serial 63320410 was stolen on Friday July 27, 2007 around 1:50pm. This occurred on Genesee Ave east of Hwy 5 near Campus Point Drive.

The instrument is useless unless you purchase a face plate or a have the rover portion of robotic rod.

If anyone tries to have this piece of equipment repaired, or an attempt to sell as used equipment, please call the Police.

Ron Dodds, PLS  
City of San Diego  
9485 Aero Drive  
San Diego, Ca.92123  
(858)627-3220  
[rdodds@sandiego.gov](mailto:rdodds@sandiego.gov)

- Thanks, Ron

**Mt Diablo Initial Point Bike Ride** see the CLSA website @ <http://www.sd-surveyors.org/> and go to 'Events'. A bike ride at Mt Diablo Initial Point is being organized for 24-26 AUG.

**Golf Tournament** will be held Friday, 21 SEPT @ 12:30 @ Riverwalk Golf Club (Hotel Circle) for \$150. Volunteers needed for set up & clean up and donations needed!!!! Information in CLSA SD website.

**Moonlight Bike Ride** will be held 20 OCT. Details to be determined.

### **The South Dakota Society of Professional Land Surveyors will be celebrating their 25<sup>th</sup> Anniversary in 2008**

- Fellow Surveyors: We are planning a special event to be held on September 27, 2008 at Mt. Rushmore. We will be hosting an afternoon of surveying history and are looking for presenters who can address the three surveying presidents (Washington, Jefferson & Lincoln) and Lewis and Clark. If any of you have knowledge of individuals who can provide either presentations or portrayals, I would sincerely appreciate any information that you can provide.

- The presentations will be held in the new outdoor amphitheater which is directly below the monument. The setting is spectacular! Following the afternoon presentation, we plan to arrange for a photo on the observation deck. We hope to expand on the "Three Surveyors and One Other Guy" concept, by having as many surveyors as possible in the photo. We will be extending our invitation to all of the surveying societies and we hope to have a representative from each of the 50 states (hopefully more). All of the registrants will receive a photo with the names and state designation of all of the participants.

- I did contact a Mr. Patrick Lee who came highly recommended and I'm sure would be wonderful, but his fee of \$6,000 was out of our price range. Again, I would sincerely appreciate any information that you can provide.

## Newsletter

- Members are encouraged to receive email newsletters. To receive an email only newsletter contact Dave Viera at [DViera@HunsakerSD.com](mailto:DViera@HunsakerSD.com).

- Articles are encouraged for publication in the newsletter. Send reports and articles to Allan Wake by Saturday before the first Wednesday of the month. Email to [awake@sandiego.gov](mailto:awake@sandiego.gov) and at [48wake@cox.net](mailto: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 1 month. If an extension is needed, please contact Allan Wake email: [48wake@cox.net](mailto:48wake@cox.net) each month as needed. 5) Web-site banner \$100.00. Other Web-site advertising charges to be determined.

*Thanks to the advertisers for supporting our Chapter !*



## **CALIFORNIA LAND SURVEYORS ASSOCIATION SAN DIEGO CHAPTER**

5519 Clairemont Mesa Blvd, Mail Box 261, San Diego, California 92117

### 2007 Officers

Andrew Karydes, P.L.S.

*President (760-753-5525)*

Sean C. Englert, P.L.S.

*Vice-President (760-230-6025)*

Joe Cresto, P.L.S.

*Treasurer (858-694-5660)*

Pat McMichael, P.L.S.

*Secretary 619-291-0707)*

Don Woolley, P.L.S.

*Immediate Past President (619-291-0707)*

*Alt. Representative*

Armand Marois, P.L.S.

*Representative (760-931-9700)*

Gary Hus, P.L.S.

*Representative (619-229-0301)*

Jeff Safford, P.L.S.

*Representative (619-463-0967)*

Tony Nothdurft, P.L.S.

*Representative (858-672-9803)*

Marvin Sylakowski, P.L.S.

*Representative (619-232-9200 X31)*

Anne Hoppe, P.L.S.

*Alt. Representative (619-446-5290)*

David P. Viera, P.L.S.

*Alt. Representative (858-558-4500)*

Lonie Cyr, P.L.S.

*Alt. Representative (858-614-5000)*

Jack F. Roth II, P.L.S.

*Alt. Representative (858-576-9200)*

# Lewis & Lewis

**Quality**  
Products  
Service  
Support

Sales  
Rentals  
Financing



TOPCON

TopSURV



**Topcon**

GPS  
Laser Levels  
Automatic Levels  
Total Stations  
Robotic Total Stations  
Electronic Digital Levels  
Data Collectors  
Electronic Transits  
Accessories  
& more...

[www.lewis-lewis.net](http://www.lewis-lewis.net)

540 S. Andreasen Dr. Suite A Escondido CA

(800)-235-3377

**New** from Topcon

**GMS 2 Receiver**

- GIS Receiver/Field Controller
- Dual Constellation Satellite Tracking



**TOPCON GR-3**

- G3 Satellite Tracking  
GPS - Glonass - Galileo



**Lewy Lewis & the News**

**New Products**

**Services, Policies, Procedures**

## EXTEND YOUR HORIZONS

HiPer Lite

HiPer Pro

HiPer Lite



## GPT-9000A & GTS-900A

Robotic Total Station Systems

Auto-Tracking  
Radio  
Bluetooth



**NEW**



**Completely Cable-free System**

- New GPT-9000A/GTS-900A
- FC-200 Graphical Field Controller
- New RC-3
- RS-1 Radio System
- Lightweight 360 degree Prism
- TopSURV Field Controller Software



Online Catalog : [www.PrismSurvey.com](http://www.PrismSurvey.com)



SOKKIA

Surveying & Construction Systems, Inc.

---

**FOR ALL YOUR SURVEYING NEEDS**

Sales, Training & Support  
Repair & Calibration  
Rentals

5959 Mission Gorge Road Suite # 104  
San Diego, CA 92120  
Tel 619-283-3137 Fax 619-283-2327

*Your San Diego SOKKIA Exclusive Robotic & GPS dealer.*



SALES • SERVICE • RENTALS • SUPPLIES



R8 GNSS



VX Spatial Station

CALL TODAY FOR A FREE DEMONSTRATION

**Trimble R8 GNSS**

R-Track Technology for Comprehensive GNSS Support. Supports the new Modernizations signals L2C, L5, Plus GLONASS L1/L2.

**Trimble VX Spatial Station**

Brings terrestrial accuracy to geospatial information. Produces rich data for enhanced 2D and 3D deliverables. Provides broader business opportunities.

**ALLEN**

**Instruments & Supplies**  
www.alleninstruments.com

Allen Instruments & Supplies has expanded to all of Arizona and Southern California. Each location offers a retail showroom, training and conference facilities, as well as factory authorized service centers. Our newest facility is now open in Bakersfield.

- SCOTTSDALE 800/272-0180
- ANAHEIM 800/215-2737
- BAKERSFIELD 800/405-0308
- SAN DIEGO 800/336-8860

**EO Inst.**

**ELECTRO OPTICAL INSTRUMENT CO.**

**Youna.com** *Fast & Easy Online Shopping & More*

7914 RAYTHEON RD, SAN DIEGO, CA 92111

TEL: 800-934-8426, FAX: 858-467-9169

EMAIL: EOIC@YOUNA.COM

**YOUR SUCCESS IS OUR MISSION**

**LAND SURVEYING SOLUTIONS & SUPPLIES  
FOR ALL YOUR SURVEYING NEEDS**

**SALES**


**REPAIRS**

**RENTALS**



**WE DELIVER!**

TEL: (619) 631-1366 FAX (619) 631-1375  
www.photogeodetic.com  
e-mail: maps@photogeodetic.com

 PHOTO GEODETIC CORPORATION  
AERIAL MAPPING PROFESSIONALS

- \* AERIAL PHOTOGRAPHY \* DIGITAL DATABASE MAPPING
- \* DIGITAL ORTHOPHOTOS \* DIGITIZING SERVICES
- \* TOPOGRAPHIC MAPPING \* DIGITAL IMAGING

1161 E. MAIN STREET, SUITE 102, EL CAJON, CA. 92021-7150



Forrest (Jim) Youngs, P.L.S.  
Regional Project Director  
Geospatial & Mapping Services

**TOWILL** | Aerial Mapping  
Towill, Inc. (Since 1955)  
5933 Sea Lion Place, Suite 100  
Carlsbad, CA. 92008-6624  
706.438.5999  
fax 760.438.7943  
jim.youngs@towill.com  
www.towill.com



Your ad here !!