

May 2008

SIDE SHOTS

Professional Land Surveyors of Colorado

Volume 39, Issue 2



40th Parallel Monument

page 5

SIGNED, SEALED, AND ACKNOWLEDGED
BEFORE US—
Wm. S. Van Doren

(Signed)

James Withrow
B. Binneth
Soddy

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Dear Fellow Members,

The PLSC, and the surveying profession, has been undergoing a rapid series of changes, some good, some bad, and nearly all of them difficult. While the Board of Directors has taken important steps to cut costs and stabilize our finances, we have a duty to refocus our efforts toward spreading the word of the benefits of membership to non-members.

"Every man owes a part of his time and money to the business or industry in which he is engaged. No man has a moral right to withhold his support from an organization that is striving to improve conditions within his sphere."

—Theodore Roosevelt

How true and how perfectly apt for the Colorado surveying community right now.

The PLSC organization exists solely to improve conditions for you, the members. We all need to encourage more memberships, not just to shore up PLSC finances, but to advance the knowledge and professionalism of individual practicing surveyors in Colorado, and for the entire "sphere" of our industry. Some of the challenges facing surveyors include the decline in demand due to a slowdown in economic activity statewide, increases in business costs such as fuel, insurance, medical care and litigation, and new competition of sorts from emerging technologies.

How do we survive, and even thrive, as surveyors in Colorado? By working together to improve ourselves and our profession. The framework for organizing our efforts is, and always has been, the PLSC.

Together, we can take on the task of organizing affordable workshops, to maintain the skills and knowledge needed by our members as our profession continues to evolve and change. We can band together to represent our interests, and those of the public, at the State Legislature. We can publish our highly regarded Side Shots magazine to educate and inform on a quarterly basis. We can introduce the concepts of surveying to young people in schools to encourage an entirely new generation of surveyors for the future. We can remain cutting edge by establishing resources like the statewide Spatial Reference Network and educating our members on its effective use. We can become actively involved in the PLSC to network with each other, for the benefit of each, and all.

It is time for the PLSC to rededicate its commitment to improving the conditions within our profession. And that starts with spreading the membership net as far and wide as possible. That's where you come in. If you are an employer of surveyors, consider subsidizing or sponsoring memberships for members of your staff. Remember that Associate and student memberships are available at bargain rates, to bring in the people who represent our future.

If this profession has been good to you, the quickest and easiest way to "give back" is to spread the word to non-members. When you encounter other surveyors in your area, ask if they are members of the PLSC and if they aren't, encourage them to check out the benefits on our website. According to the State Board of Licensure, there are currently 1,793 licensed surveyors in the State of Colorado. PLSC membership is holding steady at approximately 34% of that amount, licensed or not, so there is definitely room to grow.

I remain very optimistic for the future of the profession and the PLSC. It is up to each of us to keep improving the conditions within our "sphere." By working together, we can do that, and I know that we will.

Sincerely, John B. Guyton, PLS



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SIDE SHOTS

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Side Shots is the official publication of the Professional Land Surveyors of Colorado, Inc. and is published quarterly for the betterment of the surveying profession.

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Deadlines for editorials, articles, pictures and advertising are January 1, April 1, July 1 and October 1. All material received after the current deadline will appear in the next issue of Side Shots.

We would like to invite anyone who is interested to advertise in our newsletter - Side Shots. Do you have something you want to sell, trade or buy? Why not use Side Shots for your next ad. We can also reproduce business cards for advertising. All material must be sent to Gene Kooper, 8151 W. Evans Ave., Lakewood, CO 80227; ekooper@uswest.net; 303-989-5424 before the editorial deadline (January 1, April 1, July 1 and October 1).

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By investing in our partnership



Metropolitan
State College
of Denver



The Professional Land Surveyors of Colorado, Inc. (PLSC) recently entered into a Partnership Agreement with Metropolitan State College of Denver.

The agreement will benefit everyone in the real estate and surveying communities who depend on quality surveying work to help their businesses thrive.

As part of the agreement, funding will be provided to Metro on behalf of the school's Surveying and Mapping Program. The funding will help the program to achieve the highest academic standards and ensure quality surveying work in Colorado for years to come.

Please send your donation to:
Colorado Surveyors
Education Foundation, Inc.
c/o Diana Askew, PLS
PLSC, Inc.
PO Box 704
Conifer, CO 80433

Education is the Future!

This month on www.plsc.net

- Minutes of the PLSC Board of Directors meeting, February 22, 2008 hosted by the CCPS and held at The Tivoli, Denver, Colorado.
- Summary of current issues being addressed and approved by the PLSC Legislative Committee.
- Meeting minutes of the Colorado Association of County Surveyors, March 1, 2008 in Colorado Springs.

On The Cover:

Photos by Chris Power

The new monument and control point commemorating the 150th anniversary of the 40th parallel surveyed by Todd and Withrow, located on Baseline road near Broadway in Boulder.

Photo, top left:

Heather Robinson, Board Member, CCPS with her dog, Beowulf, who is delinquent in his 2008 dues.

Photo, top right:

Left to right: Pamela Fromhertz, Colorado state advisor to NOAA and NGS, and one of the founders of the PLSC-sponsored Colorado Spatial Reference Network; Diana Askew, PLSC Secretary-Treasurer; (top) Kayce D. Wohlman, PLS, PLSC member and PLSC Representative to GIS in the Rockies; Olivia Watkins, PLSC member and Veteran of Operation Iraqi Freedom.

Photo, bottom:

Standing, left to right, top: John Guyton, PLSC President; Christian Mueller, artist and designer; Bill Wright, PLSC member; Jason Emery, PLSC member; Patrick Oliver. Seated, left to right, bottom: Kurt Ernstberger, Treasurer, CCPS; Doyle Abrahamson, Past President of PLSC.

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A Line Runs Through It

PLSC Supports New 40th Parallel Exhibit

By John B. Guyton, PLS

On the eve of the Civil War, the northern Front Range of what is now Colorado was a pristine wilderness from a European's point of view, trampled only by a small number of trappers and explorers, and by the light footprints of native peoples who had inhabited the area for over a millennium. Those halcyon days changed quickly with the discovery of gold in nearby Golden, resulting in thousands of settlers moving onto public domain lands that had not yet been surveyed.

In 1859, the land at the mouth of Boulder Canyon was officially established as the Boulder City Town Company. It was located north of the 40th parallel in the Nebraska Territory; the land to the south of the 40th parallel at this time was in the Kansas Territory. Colorado statehood was to come 17 years later.

The General Land Office was under pressure to extend the Base Line to the west from the 6th Principal

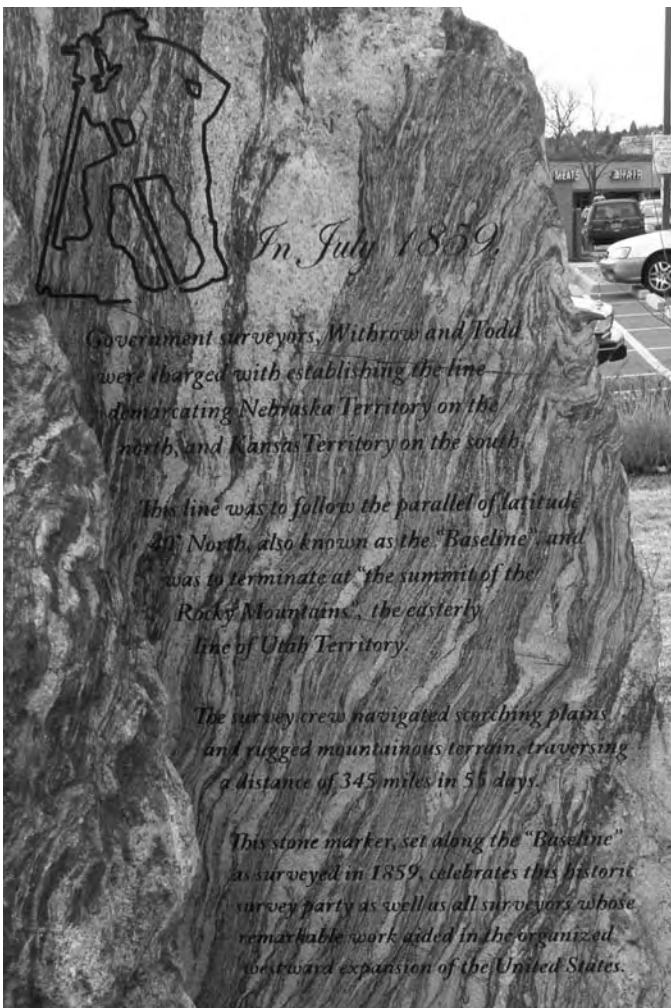
Meridian. On June 10, 1859, U. S. Deputy Surveyors Jarret Todd and James Withrow were awarded the contract (see Figure 1, page 6) to extend the baseline to the summit of the Rockies, starting 204 miles west of the Missouri River, and making their way across the plains until arriving in Boulder City on August 31 of that year. In September, they pushed the line all the way to the top of what they believed was the summit of the Rockies, making a cairn pile and various accessories, including a cross chiseled into a knife-edged ridge. On the west side of the ridge was chiseled the word "Utah," which at that time was the point of terminus for the Kansas and Nebraska Territories. This chiseled cross on the rock face precipice was rediscovered by Doyle Abrahamson, Geof Stephenson, USGS geochemist Dr. Peter Modreski, Jerry Penry and a team of three other surveyors and mappers in the summer of 2006. This exciting rediscovery is chronicled in articles that appeared in the *Denver Post* and *American Surveyor*. Links to both can be found on the home page at www.plsc.net.

The 40th parallel of latitude is closely aligned with Baseline Road in the contemporary city of Boulder. The actual baseline established by Todd and Withrow is approximately one-half of a second of latitude (about 30 feet) north of the actual 40th parallel, astonishingly precise, given the difficult terrain and the instrumentation available in 1859.

Preparations are underway for events in 2009 to commemorate the 150th anniversary of Boulder's founding. This sesquicentennial, coincidentally, is also that of the Todd & Withrow survey.

When the City's transportation planners were designing a new bus stop and bicycle path on Baseline Road, just east of Broadway, the idea of designing something to mark the existence of the line and increase public awareness of its significance was conceived. This concept was originated by project artist and designer Christian Muller, who designed the monument and plaque dedicated to the accomplishments of the early surveyors. A bright red line is permanently embedded in the sidewalk that is aligned with the base line. A stained world map appears on the concrete pad at the bus stop, showing the location of the 40th parallel. A huge 25,000-pound boulder, found high in Boulder Canyon, was selected, carefully split in half, and placed to the east of the bus stop so that the red line appears to bisect the gap (see photos). This gap is illuminated with red LED lights after dark, giving it a brilliant glow. "I work with rocks a lot and think they are timeless," Muller said.

The monument is designed so that the smooth, inte-



Carved inscription telling the history.

continued on page 7

Figure 1. The original 1859 Todd and Withrow contract.

This Agreement, Made this 10th day of June 1859, between Ward B. Burnett Surveyor General of the United States for Kansas and Nebraska acting for and in behalf of the United States, of the one part, and James Todd and James Withrow of the other part, **Witnesseth**, That the said James Todd and James Withrow for and in consideration of the conditions, terms, provisions, and covenants hereafter expressed, and according to the true intent and meaning thereof, doth hereby covenant and agree with the said Ward B. Burnett, in his capacity aforesaid, that they (the said James Todd and James Withrow) in their own proper person, with the assistance of such chainmen, axemen, and flagbearers, as may be necessary, agreeably with the laws of the United States, and with the General Instructions to Deputy Surveyors, and such Special Instructions as they may receive from the Surveyor General, will faithfully survey and establish the following standard line between the Territories of Kansas and Nebraska, viz: The base line (or parallel of latitude) from the intersection of the second Guide Meridian West with said base line, West to the summit of the Rocky Mountains, estimated at 300 hundred miles and establishing thereon the proper Guide Meridian, Section, quarter-section, Township and Meridian corners in such durable manner, and in the order laid down in the printed Manual of Instructions which is hereby made part of this contract, as also the Special instructions bearing our date herewith.

and that they will complete these surveys, in the manner aforesaid, and return the true and original field notes thereof to the office of the said Surveyor General, on or before the thirty-first day of December next ensuing the date hereof, (acts of God excepted,) on penalty of forfeiture, and paying to the United States the sum mentioned in the annexed bond, if default be made in any of the foregoing conditions.

AND THE SAID Ward B. Burnett in his capacity aforesaid, covenants and agrees with the said James Todd and James Withrow, that on the completion of the surveys above named, in manner aforesaid, there shall be paid to the said James Todd and James Withrow on account of the United States, by the Treasury Department, upon the receipt of their account at the General Land Office, properly certified by Ward B. Burnett; in his capacity aforesaid, and accompanied by the approved plats of the surveys for which the account is rendered, as a full compensation for the whole expense of surveying and making return thereof, at the rate of thirty Dollars per mile, for every mile and part of a mile actually run and marked in the field, random lines and offsets not included.

And it is farther understood and agreed, between the parties to this agreement, that the said James Todd and James Withrow reserves to himself in his said capacity, or his successor in said office, per cent. of the whole amount accruing on the surveys aforesaid, to be applied in defraying the expenses and salary of a Deputy Surveyor to be appointed by James Todd and James Withrow, in his capacity aforesaid, as his assistant for the purpose of a general inspection and examination of surveys, whilst in progress in the field, or after completion thereof. *Provided*, No member of Congress or sub-contractor shall have any part in this contract, and that no payment shall be made for any surveys not executed by the said deputy surveyors, in their own proper person.

IN TESTIMONY WHEREOF, The parties to these articles of agreement have hereunto set their hands and seals, the day and year first above written.

SIGNED, SEALED, AND ACKNOWLEDGED }
BEFORE US--
(Signed) Wm S. Van Doren }
(Signed) E. S. Anderson }
(Signed) Ward B. Burnett Surveyor General.
(Signed) James Todd Deputy Surveyor.
(Signed) James Withrow Deputy Surveyor.

Wm James Todd and James Withrow, Deputy Surveyor, do solemnly swear that we will faithfully and impartially execute the surveys mentioned in the foregoing contract, to the best of our skill and ability.

Sworn to and subscribed
before me at Leavenworth City
in the Serivitory of Kansas
this 10th day of June 1859. }
(Signed) W. S. Van Doren }
(Signed) James Todd Deputy Surveyor.
(Signed) James Withrow Deputy Surveyor.
Notary Public for
Leavenworth Co. Mo.

from page 5

rior surface that faces the heavily traveled road and path is inscribed with the diagram of a surveyor, the story of Todd & Withrow, and concludes with, "This stone marker, set along the 'Baseline' as surveyed in 1859, celebrates the historic survey party as well as all surveyors whose remarkable work aided in the organized westward expansion of the United States."

The south-facing surface that faces the busy Base-Mar shopping center includes two bronze plaques. Fifty percent of the project was funded by private donations, while the other fifty percent came from the City's Transportation Division and the Boulder Arts Commission. In 2007, the PLSC donated \$3,000 to the \$38,000 project, and is permanently recognized on the contributors' plaque.

The donation by the PLSC was made as an educational effort, to increase awareness of the existence and importance of the surveying profession. "Most people outside of the surveying and engineering fields don't realize that Boulder's Baseline Road was given its name because it follows the 40th parallel, also known as 'The Baseline' to surveyors," said City of Boulder Transportation Project Manager Alex May, who skillfully coordinated

the fundraising, design and installation of the monument.

During the design phase, Alex May, Kurt Ernstberger and I had the additional idea of placing a working geodetic control point on a raised, stone bench next to the split boulders that can be blue booked by the National Geodetic Survey. The official process of adding this control point to the official blue book is a slow one, but Kurt is diligently pursuing the proper channels to make it a reality.

May says plans are underway to have a well publicized dedication ceremony for this monument that acknowledges the many donors who made this project possible and commemorates this important line and the work of surveyors, past and present. It will be a part of next year's City of Boulder Sesquicentennial celebrations, possibly during National Surveyors Week, March 15-21, 2009. Several ideas for events are being considered, including the involvement of area surveying professionals and local school children in hands-on demonstrations of surveying techniques and equipment. Such events will be an informative "handshake with the past" by bringing publicity to the past accomplishments of surveyors like Todd and Withrow and will also highlight the future of our noble profession. ■



Rock-splitting machinery.



PLSC logo on bronze plaque.

Correction: In the first Control Points printed in the last Side Shots, there was a misprint in the sin theta formula. The first symbol, theta, was missing and the formula is correctly given as

$$\sin \theta = \theta - \theta^3 / 3! + \theta^5 / 5! - \theta^7 / 7! + \theta^9 / 9! - \dots$$

The substituted numbers in the formula are correct.

Control Points

By Warren Andrews, PLS

As a Surveyor have you wondered why, even today, the term "chaining" is used when you're actually using a tape? Well, it goes back to the earliest days in New England as it was brought across from Old England. My own five greats grandfather, James Warren, in the 1670's and 1680's as a land surveyor in southern Maine used a chain to measure off some of the townships and town lots. (The steel band tape wasn't invented until the 1870's.)

The PLSC chain, which is in my basement, was originally called the Gunter's Chain after Edmund Gunter. He was an English mathematician and inventor, of Welsh extraction, born in Hertfordshire, England, in 1581. He was educated at Westminster school and in 1599 was elected a student of Christ Church, Oxford. He was a professor of astronomy at Gresham College from 1619 until his death on December 10, 1626. It is probable that he was the first in modern historical times to notice that the magnetic declination at any one place varies. His practical inventions were described in writings about the sector, the cross-staff, bow, and quadrant and he was given credit for introducing the words cosine and cotangent into mathematics and surveying in England.

Besides the Gunter's Chain he developed the Gunter's Line which was graduated, not linearly, but logarithmically and is the forerunner of the slide rule. (The slide rule is simply two logarithmic scales on two pieces of wood that slide past each other and as fast as you can read the numbered scales you can multiply or divide two numbers-but more on that later.) Gunter's Quadrant is simply angles scribed on a quarter circle piece of wood or metal that can be used to measure angles by

eye either horizontally or vertically like a modern sextant-but again more on that later.

The Gunter's Chain is 66 feet or 22 yards or 4 poles (English rods) long. In our decimal system it is awkward to use even though it is divided physically into 100 links. Most present day surveyors do not know there is also another chain divided into 100 links but it is 100 feet long and was used by the mine surveyors and civil engineers, (I also have one in my possession.) So why use the Gunter's Chain or still report distances in chains and links as the BLM is legally required to do (even though they actually measure in meters)?

The concept comes from feudal Europe where ownership, control, and usage of land was vital for survival and wealth. The area of land

that you had was most important for growing things to eat or for acreage to rent out and in England this was measured in acres. And one chain by ten chains is exactly one acre (or two chains by five chains or three and a third chains square). Now does the history begin to make sense? In the BLM Manual it is explained in detail this correlation between area and distance with examples even though I never really understood it and resisted what to me was an antique way of doing things. There is an excellent one-page article in the January 2008 issue of The American Surveyor magazine on page 60 that shows exactly what I'm talking about. I highly recommend you read it and play a little bit with chains and acres because it's a very simple exact one to ten ratio. ■

Call for Nominations

by Larry Connolly

As Chairman of the Nominations and Elections Committee of the P.L.S.C., I am requesting nominations for the following positions:

- President
- Vice-President
- Secretary-Treasurer
- Director (4 positions)

If any of the Officers or out-going Directors wishes to run for re-election, they shall notify the Nominations and Elections Committee of their intent. **I am calling on each chapter president to pass the word to urge members within their chapters to submit nominations.**

Nominations by mail shall be sent to the Nominations and Elections Committee, c/o SWCPLSC, P.O. Box 3404, Durango, CO 81302 attn. Larry Connolly, or by email to larry@animassurveying.com

Nominations shall include the name of the nominee, the position nominated for, and the nominee's contact information. The nominee shall notify the Nominations and Elections Committee that they are accepting the nomination.

THE DEADLINE FOR NOMINATIONS IS SEPTEMBER 1, 2008.

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Did You Recognize Your Peers When They Were Younger?



Bernard (Bernie) F. Kochevar, Sr.
(Photo 1, February 2008 issue)

Yep, that is the old AGA Geodimeter distant meter. Quite a machine I'd say. In the late 60's it saved us countless hours of T-2 and T-3 surveying on the Ten Mile Range and Continental divide near Climax, Colorado. This 1967 photo was taken on the 13,500 foot high Ceresco ridge at the Climax Molybdenum mine. I was part of a team surveying a first order control network for an extended mining operation of the Climax mine.

I served on the Board of Directors with Art Hipp, a great man. I am an active registered land surveyor in Nevada at the ripe old age of 75 and work for PBS&J in Henderson. I miss the Colorado mountains and God willing, someday I will return.



Bernard F. (Frank) Kochevar, Jr.
(Photo 2, February 2008 issue)

I remember this day well. It was a howling and bitter cold February morning in 1978 and via a danger-

ous helicopter ride I was dropped off atop 14,036 foot Mt. Sherman with a brand new HP3820 total station. The purpose of this insanely treacherous winter project was to extend mine control for a gold and silver mine east Leadville, Colorado over the Mosquito mountain range. The mountain in the background is Mt. Elbert (Highest point in Colorado).

I am the GPS/Survey supervisor for Mesa County in Grand Junction, Colorado and the administrator of Colorado's first Public GPS Real Time Reference Network.



Warren Andrews
(Photo 3, February 2008 issue)

This photo of me up Coal Creek Canyon in the late 1970's with Karl Gebert, my helper, was taken by his brother from Berlin. My Ainsworth mining transit has a good many miles on it. I was born on a ranch at Livermore, northwest of Ft. Collins, went 8 grades in the Livermore Country School and 4 years to Ft. Collins High School. I've helped my Dad survey since 1946. After being a U.S. Navy electronic technician on Guam, I started at the Colorado School of Mines in 1951, worked intermittently as a surveyor,

and graduated from CSM as an Engineer of Mines (EM) in 1963. I worked for Art Betchart in Evergreen as a surveyor for 3 1/2 years, in 1964 was registered as Colo. LS No. 5240, and in 1966 registered in Wyoming. In 1966 I started with the U.S. Bureau of Mines as a mine safety engineer covering the U.S. for 30 years and continued to survey part time. I founded the PLSC in 1965 with Dex Brinker and two others, was Vice President in 1968 and President in 1975. I was the Jefferson County Surveyor for 1 1/2 terms. I'm now retired and working on a masters degree in history at the University of Colorado at Denver.



Dave Forde
(Photo 4, February 2008 issue)

This photo was taken circa 1969 on a firebase along the coast of the Bay of Tonkin, southern I Corp, Republic of Vietnam. We were establishing fire direction and radar control for other firebases using a D.M.E. and T-2. I have been surveying since 1968, with a co-ownership in Meridian Surveying, Inc. and am a past president of CCPS. ■

Membership Dues ALERT!



A record number of PLSC members from last year have NOT RENEWED their memberships yet for 2008 – you know who you are! Art Hipp used to try phoning each and every member who had not yet paid – we have no one to do that this year. PLEASE complete this renewal form and mail it right away. We are counting on you for your support, for all the reasons listed in this month's President's Letter. It's an investment in your career. Please do it today.

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 MEMBER – WESTERN FEDERATION OF PROFESSIONAL SURVEYORS



MEMBERSHIP APPLICATION & RENEWAL FORM

Name: _____
LAST FIRST MI

Home address: _____
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 PLSC may may not share my home email address with PLSC sustaining members*

Company Name: _____ Fax #: _____

Office address: _____
STREET ADDRESS CITY STATE ZIP CODE

email (o) _____ phone (o) _____
 PLSC may may not share my office email address with PLSC sustaining members*

***If checked, the member's email address(es) will ONLY be shared with PLSC Sustaining Members. These firms support our organization. Please consider allowing them to share their products and announcements via email.**

Primary Address (for mailings and Side Shots Magazine): home office Primary email address: home office

Type of membership: Voting \$75 (for Licensed Surveyors) Associate \$55 (non-licensed)
 Retired \$30 (non-voting) *Student \$15 Sustaining \$200 (Business)

See reverse side for more details regarding the specific membership types.

Students, please specify School _____

Please check your chapter membership choice and add the appropriate amount to your membership fee. Chapter affiliation is encouraged but optional, and you may join as many chapters as you like.

Chapter Affiliation: Central (CCPS) \$20 Northern (NC/PLSC) \$20 Northwest (NW1/4CLS) \$20
 Southern (SCPLS) \$20 Southwestern (SWC/PLSC) \$20 Western (WCLS) \$20
 Colorado Spatial Reference Network (CSRN) fee waived

Colorado Registration Number _____ PLS PE-PLS PE LSIT

Total submitted [membership fee + chapter fee(s)] \$ _____

Payment method check (please enclose with application) Credit Card

If paying by credit card, please fill out the following:

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Card Number: _____ Card Expiration Date: _____

Address where card is billed: home (above), office (above) or fill in below:

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Return this application to:

PLSC Inc.

Diana Askew, Secretary/Treasurer

P.O. Box 704

Conifer, CO 80433

fax and home (after 6): 303-838-7577 or email to: diana.askew@evcohs.com

PLSC is affiliated with the ACSM/NSPS. Please consider joining the national society. You may review their policies and join at their websites at <http://www.acsm.net/membership.html>

PROFESSIONAL LAND SURVEYORS OF COLORADO, INC.

Purpose

The purpose of this organization shall be to improve the profession of Land Surveying in Colorado. (Article II, Articles of Incorporation)

Membership

Voting Member --- Any person who is a registered land surveyor in the State of Colorado, and whose registration is in full effect, shall upon payment of \$75 annual dues, be a voting member of P.L.S.C., Inc. and as such shall have full voting and office holding privileges. (Article VIII a., Articles of Incorporation)

Associate Member --- Any person who is interested in land surveying shall, upon payment of \$55 annual dues, be an associate member of P.L.S.C., Inc., but shall have no voting or office holding privileges. (Article VIII b., Articles of Incorporation)

Student Member --- Any undergraduate student who is interested in land surveying shall, upon payment of \$15 annual dues, be a student member of P.L.S.C., Inc., but shall have no voting or office holding privileges. (Article VIII c., Articles of Incorporation)

Retired Professional Land Surveyor --- A Colorado licensed Professional Land Surveyor who no longer practices land surveying (including field work, office work and consulting). He/she however may continue to maintain his/her license in effect and shall not be precluded from acting as an expert witness or court appointed commissioner. This is a non-voting classification. The annual dues shall be \$30.00. (Article VIII e., Articles of Incorporation)

Sustaining Member --- Any person or firm engaged in a business related to land surveying or interested in the land surveying profession shall, upon contribution of \$200 annually, be a sustaining member of P.L.S.C., Inc., but shall have no voting or office holding privileges. (Article VIII d., Articles of Incorporation)

Dues --- Dues shall be due and payable as of January 1st for the coming year and shall be delinquent if not paid by April 1st following. Membership rights cease when dues become delinquent. (XVII. Bylaws)

Standing Committees

PLSC has both standing and special committees. If you would like to be involved with any committees, please contact the executive director at "ekooper@uswest.net" or contact the committee chair as found on the PLSC Website at www.plsc.net Following is a list of the standing committees. See the website for special committees

Nominations and Elections	Legislative
Publications	Liaison
Survey Monumentation and Standards	Membership
Ethics and Fair Practices	Education and Seminars

Meetings

Directors' meetings shall be held at least quarterly and, if possible, in conjunction with the annual general membership meetings and chapter workshops.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7093



www.co.blm.gov

IN REPLY REFER TO:

CO-956
9655.2

March 31, 2008

Mr. J. B. Guyton, President
Professional Land Surveyors of Colorado

Dear J.B.:

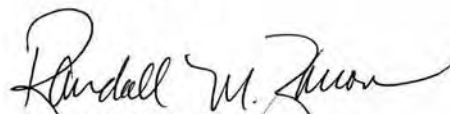
This letter is to inform you of official cadastral surveys in Colorado that have been accepted from, October 1, 2007, through March 31, 2008, and are now available from the Public Room, Bureau of Land Management, Colorado State Office, 2850 Youngfield Street, Lakewood, Colorado, 80215.

The accepted original surveys, resurveys, supplemental plats or remonumentations are listed below by township, range, meridian, group #, type, approval date and number of plats.

<u>Township</u>	<u>Range</u>	<u>Meridian</u>	<u>Group #</u>	<u>Type</u>	<u>Approved</u>	<u>Plats</u>
T. 32 N.	R. 19 W.	NMPM	1458	Plat & Notes	11/06/07	1
T. 32 N.	R. 15 W.	NMPM	1479	Plat & Notes	11/15/07	1
T. 35 N.	R. 14 W.	NMPM	1487	Plat Only	11/21/07	1
T. 36 N.	R. 14 W.	NMPM	1487	Plat & Notes	11/21/07	1
T. 1 N.	R. 73 W.	Sixth	1462	Plat Only	01/09/08	2
T. 42 N.	R. 10 W.	NMPM	1486	Plat & Notes	02/12/08	1
T. 22 S.	R. 71 W.	Sixth	1473	Plat Only	02/20/08	2
T. 41 N.	R. 6 W.	NMPM	1451	Plat Only	03/06/08	1
T. 33 N.	R. 4 W.	NMPM	1476	Plat Only	03/31/08	1
T. 6 S.	R. 77 W.	Sixth	Sec.30	Suppl. Plat	03/31/08	1
T. 6 S.	R. 78 W.	Sixth	Sec.25	Suppl. Plat	03/31/08	1

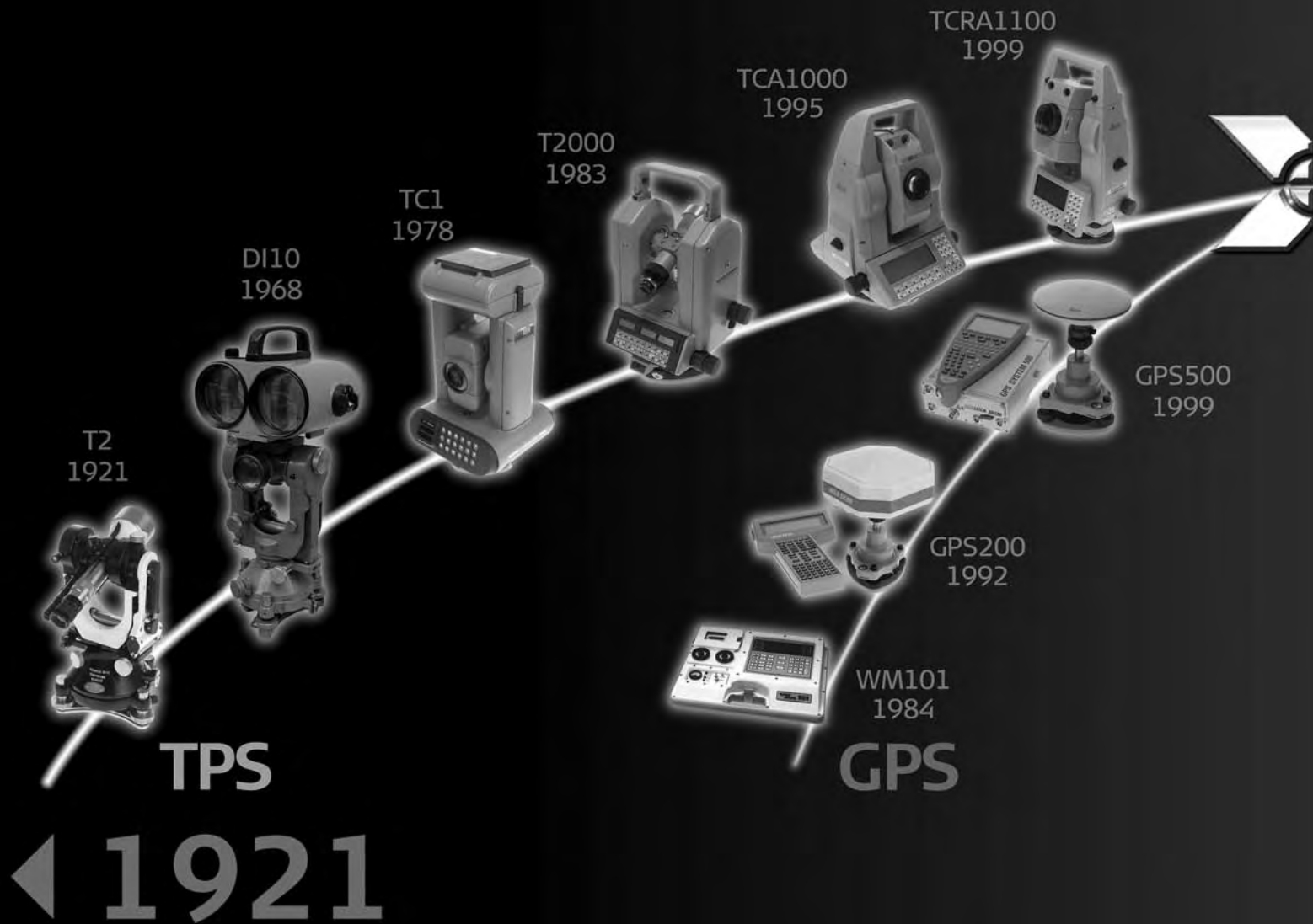
As other surveys are completed, I will advise you of their acceptance. You may circulate this letter among the membership of the Professional Land Surveyors of Colorado.

Sincerely yours,


Randall M. Zanon
Chief Cadastral Surveyor for Colorado

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CCPS

I would like to thank the following speakers of the 2008 CCPS February Conference: Alan Blair, PLS; Dave Pehr, Esq.; Jan Van Sickle, PLS; Gaby Neunzert, PLS; JB Guyton, PLS; Edgar Bristow, Esq. PLS; Ron Scherler; Randy Bloom, PLS; Roger Nelson, PLS; Randy Zanon, PLS; Tom Adams, PLS; and Michael McInnis. A strong attendance this year indicates that we have the correct blend of speakers and topics.

A round of applause goes out to JJ Rihaneck, PLS who arranged all the delicious food from Biscuits and Berries. As usual, the Metro students lucked out at the end, and ended up eating all remaining perishable foods. For a twist this year, all non-perishable food was donated to the Denver Rescue Mission.

Thanks to our Sustaining Members: Accurate Core Drilling, AGA Geodimeter, AJ Ventures, Assurance Risk Managers, Colorado Department of Transportation, Commtech/ CT Civil, Frontier Precision, Hixon MFG & Supply, National Geodetic Survey, Underground Consulting Solutions and Vectors Inc., who had booths at this year's conference.

A special thanks to the following organizations who donated gifts for this year's raffle: Bureau of Land Management (Books), Colorado Spatial Reference Network (Ski Passes), Commtech/ CT Civil (Mouse Pad / Training), Frontier Precision (Steel Tape), Underground Consulting Solutions (Free Locates, Hats and Shirts) and Vectors Inc. (Prism Pole). Kudos to Underground Consulting Solutions who sponsored the afternoon snacks!

Lastly, without the help of John Doty, PLS CCPS Director / Vendor Manager, none of the Vendors would have been at the conference.

The CCPS would like to thank the following outgoing board members for their blood, sweat & tears, along with the lost sleep and personal time they contributed to our profession: Director Georgia Satter-

lee, PLS; Secretary John Lautenschlager, PLS and President Gene Kooper, PLS.

CCPS awarded three \$500 scholarships for the spring of 2008. The scholarships went to Andy Niquette and Adrian Swahn from Westwood College and Paul Rogalla from Metropolitan State College of Denver. CCPS congratulates these students for their hard work.

The next CCPS General Membership Meeting will be held at Table Mountain Inn, 1310 Washington Avenue, Golden, Colorado on Thursday March 27, 2008 at 7:00 P.M. Free Dinner begins at 6:30 P.M., Cash Bar opens at 6:00 P.M. Guest Speaker: Bob Kochevar the FasTracks Liaison for the Denver Department of Public Works. Guest Vendor: Accurate Core Drilling. General Membership Meetings are held on the fourth Thursday of the following months: January, March, May, August and October.

The next Board of Directors Meeting will be held at V3 Companies of Colorado, 2399 Blake Street, Suite 130, Denver, Colorado 80205 on Thursday April 3, 2008 at 6:00 P.M. Board of Directors Meetings are held on the first Thursday of every month.

Bill Buntrock, PLS
Denver, Colorado

CSRN

The Colorado Spatial Reference Network is continually updating its website with an ever increasing number of GPS reference stations and networks. Our goal is to provide you with quick access to information about the nearest reference station or network in your geographical area to meet your positional needs. Currently, there are over 100 reference stations serving Colorado that are linked to the CSRN website.

The CSRN Board is working hard to enhance communication with geospatial positioning professionals. As such, dates have been set for the 2008 Open Board and General Meetings as follows: February 27, 2008 – Open Board Meeting; April 23, 2008 – Open Board

and General Meeting; June 25, 2008 – Open Board Meeting; August 27, 2008 – Open Board and General Meeting; October 22, 2008 – Open Board Meeting.

Open General meetings include presentations and technical workshops on topics ranging from equipment, software, advancing positioning technologies, GIS and the integration of geospatial data in CADD platforms.

With a host of private, government, and local companies, the CSRN is currently membership dues free. If you would like to become actively involved in further developing the CSRN please let us know by contacting us through the website at www.CSRN.us.

Dan Smith
CSRN V.P.

NC/PLSC

The Northern Chapter has meetings on the first Wednesday of the month except for the months of June, July and August. The meetings are held at various locations, for more information contact me at (970) 613-1447.

Work has slowed down considerably for many of our members. That lack of work seems to be improving attendance at our monthly meetings. We hope we can keep attendance up as work picks up in the spring.

The last meeting included a presentation on performing Public Lands Surveys by Carl Sumpter with the Forest Service, discussions concerning the MSCD Survey Program, and setting up a chat room for local surveyors.

A \$1,000 donation to the MSCD Surveying Department was approved at a previous meeting and we are looking forward to some positive news regarding the growth of the program.

We are attempting to set up a chat room for those studying for the LSI and PLS exams. Time will be set aside at monthly meetings to monitor the chat room and answer questions.

Steve Varriano, PLS
President, NC-PLSC

continued on page 20

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SUR 3150-2	Astronomy for Surveyors
SUR 3220-2	Real Property Descriptions
SUR 3300-3	Photogrammetry
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CHAPTER NEWS

from page 19

NW 1/4 CLS

With the observation of the vernal equinox last week, the first signs of spring are "in the air", and no one in Northwest Colorado is more eager to see that occur than the local land surveyor community. It has been a record setting season for snowfall, and finding boundary monuments has been a challenge, to say the least. Those near roads and right of ways have been piled high with plowed snow, and those further away have required negotiating the deep, unconsolidated fluff of relentless winter.

As things warm, the loose snows are consolidating into dense pack, and the plowed piles are going through a daily thaw and freeze cycle that makes them alternately impenetrably frozen, and the consistency of wet cement. I broke two shovels on one boundary last week! We are all looking forward to seeing the ground again.

The "Base Station Project" has taken on a new life. As the local governments spend millions of dollars with (some say reckless) abandon, they have shown an uncompromising unwillingness to help fund a GPS base station at even a minimal level. A local excavating contractor, who has both RTK GPS equipment and a licensed Land Surveyor on staff, has come to the conclusion that a base station is of immense value to him alone, and is willing to fund one to whatever extent it takes to make it a reality. Unfortunately, since the funding is coming from the private sector, the signal will be masked, and only available to those who have financial participation in the project. As much as local emergency services would love to have access to the signal, the powers that be have seen to it that it will not happen.

With the advent of longer days, and the road surfaces finally appearing and drying, the Chapter is calling a regional meeting (we

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cover six counties), to proceed with the election of new officers and board members. I'll have those results in my next report.

Respectfully submitted,
John C. Noonan
Secretary-Treasurer
NW 1/4 C.L.S.

SCPLS

Board elections were held at the beginning of the year and new officers were installed at the February board meeting.

Here is the composition of the board for 2008:

Mark Johannes – President
Joe Alessi – Vice-President
Mike Bouchard – Secretary
Dan Hanten – Treasurer
Nathan Lira – Director
Bill Brooks – Director
Mike Mincic – Director
Dennis Craig – Director
Randy Reeves – Director

Many thanks to outgoing President Terry Maw for his hard work. Thanks also to outgoing Director Shawn Richards for his contributions to the Southern Chapter.

The Southern Chapter will be hosting its annual Paul Grout Memorial Golf Tournament on Saturday, August 9th at Hollydot Golf Course in Colorado City. Details will be posted on our website (www.plsc.net/chapters/scpls.htm) in the coming months.

And we will be hosting our annual Fall Workshop September 5th & 6th in Colorado Springs. Details will be forthcoming.

Mark Johannes
Southern Chapter PLSC

SWC/PLSC

The Southwest Chapter has been holding meetings in Durango, Bayfield and Cortez. Preparation for our June 6 & 7th seminar have been the main topic of discussion. Our next meeting is scheduled for May 15, 2008 at the Steamworks Brewery in Bayfield. Items on the agenda include a discussion on forming a Spatial Reference Network Committee and discussing the USPS certified survey technician program.

Clyde King, Vice President of SWC/PLSC, has started a chapter newsletter. It is being published bimonthly starting in February 2008. It recaps our meeting from the previous month and gives the agenda for the next month's meeting. Any other news or events could also be published. Contact Clyde at clydeasm@citlink.net for more information or to get your PLSC news published.

We are looking forward to seeing everyone at our June seminar.

Thomas E. Au, PLS
President, SWC/PLSC

WCLS

On March 12, WCLS held its second meeting of 2008. We discussed a broad range of topics, including the latest news from the Legislative Committee, economic issues of PLSC, education outreach, and proposed chapter by-law changes.

The PLSC Legislative Committee is getting more attention than I can remember. What with the Legislature weighing in on adverse possession, County Clerks setting up for storing Survey plats electronically and discarding originals, architects ponying up for CEU's, not to mention efforts to revise the ILC statute, monumentation requirements, and even discussion about affidavits. All of these subjects will affect the practitioner directly and I recommend more active participation at Chapter level to keep up to speed.

PLSC is experiencing what Mr. Bush described of the national economy as a "rough spot". Translation: Chapters need to help out financially if they can. I suggest each Chapter should examine their own finances and should consider ways to raise money specifically to address PLSC budget needs.

It seems that our only in-state college survey program is at a crossroads. Again, funding could be part of the issue, but, generally it appears that accreditation is the primary issue.

Chapters need to inform themselves of what's going on and help out.

Our local effort in Western Col-

orado, headed by Tom Sylvester, is the Theresa Smithson Mentoring Program. The program continues to provide quality instruction to entry-level technicians and survey interns at the Delta/Montrose Vocational Center. By publication date Tom will also have presented career propaganda at the Mesa County School District 51 Career Days event. Additionally, we have a voice on the District 51 School to Career Committee, and we are collaborating with PLSC committees to voice and leverage our support to the Metro State College Survey Curriculum.

The bottom line is that those of you who haven't "got the time" to be involved in your professional organizations, need to re-assess your priorities. Otherwise, your profession will be controlled by County Clerks, trial lawyers and state legislators, all of which have their own constituencies that don't necessarily include you.

Rick Mason
President WCLS

P.S. WCLS is presenting its Spring Seminar May 2, 2008 (call 970-243-8300 for details) ■

Note from PLSC President John Guyton: Please note last paragraph of Rick's message. It's important to all members of the PLSC.

THE WHACKY SURVEYOR

By Dean F. Glorso, PLS 16109

Whack, Whack the rhythm of the sickle
Bellowing weeds forward and aft
Neighbor's lights come on as darkness
falls
Casting artificial brightness on the tired
tall

A golfer's tempo in the swing
Divots not the garden turf
No vegetables this summer mild
For the man has a business child

Whack, Whack, with anger at the day
Curse the bloody business plan
Measure all the damning homes
For a client with a speaking phone

Liabie him for the engineer
Blame him for the layout man
Fault him for the excavator
Shame him! It's a surveying error

Western Federation of Professional Surveyors

Board of Directors Meeting Report – January 19, 2008 in Boise, ID

by: David C. DiFulvio, PLS, Colorado Delegate

Dave DiFulvio attended the meeting, representing PLSC. The meeting was well attended by delegates including Alaska and Hawaii. Highlights from the meeting are noted below.

In most meetings a central common theme or issue becomes apparent through discussions of member state activities. In this meeting, the common theme at this meeting was that of a 4 year degree requirement for licensure. While many states require a 4 year degree in surveying, the quality of the programs available, their sustainability, their necessity, and the effect on licensure requirements is problematic in many states.

Selected highlights from **WFPS member states' reports:**

Alaska: ASPLS is focusing their legislative efforts on 3 carry-over bills from last year, the most important being HB 151 which will limit the

scope of indemnity that can be imposed by a public entity onto design teams for capital improvement projects.... Regulations are currently in effect requiring continuing education for license renewal as of January 1, 2008. Licensees will be responsible for log keeping and for keeping track of their own PD hours. For additional information, please visit the official Alaska AELS web site at <http://www.dced.state.ak.us/occ/pael.cfm>.... their state board has assessed a civil penalty of \$36,000 to an unlicensed individual for practicing without a license.... A new regulation (12 AAC 36.195) will be advertised to the public making it illegal to alter a sealed document without permission from the signer.

Arizona: APLS this past year saw the highest number of members, but that did not translate into active participation.... Legislative issues that affect surveyors include a

directive that registrants include the expiration date of their license with all stamped, signature, and sealed documents & plans.... Their annual conference will be April 17 – 19th in Phoenix, information is available on their web site, www.azpls.org.... Their board is experiencing a more definite loss of interest by board members.... Support for college level classes is also continuing to decline, with the APLS sponsored program at Phoenix College again in difficulty.... Their Height Modernization Project is ongoing.... Interest and participation with the CFED program as sponsored by ACSM and implemented by BLM is continuing with a growing number of certified surveyors in the state.

California: CLSA membership continues to increase.... Their web-site, www.californiasurveyors.org, continues to be widely successful,

continued on page 24

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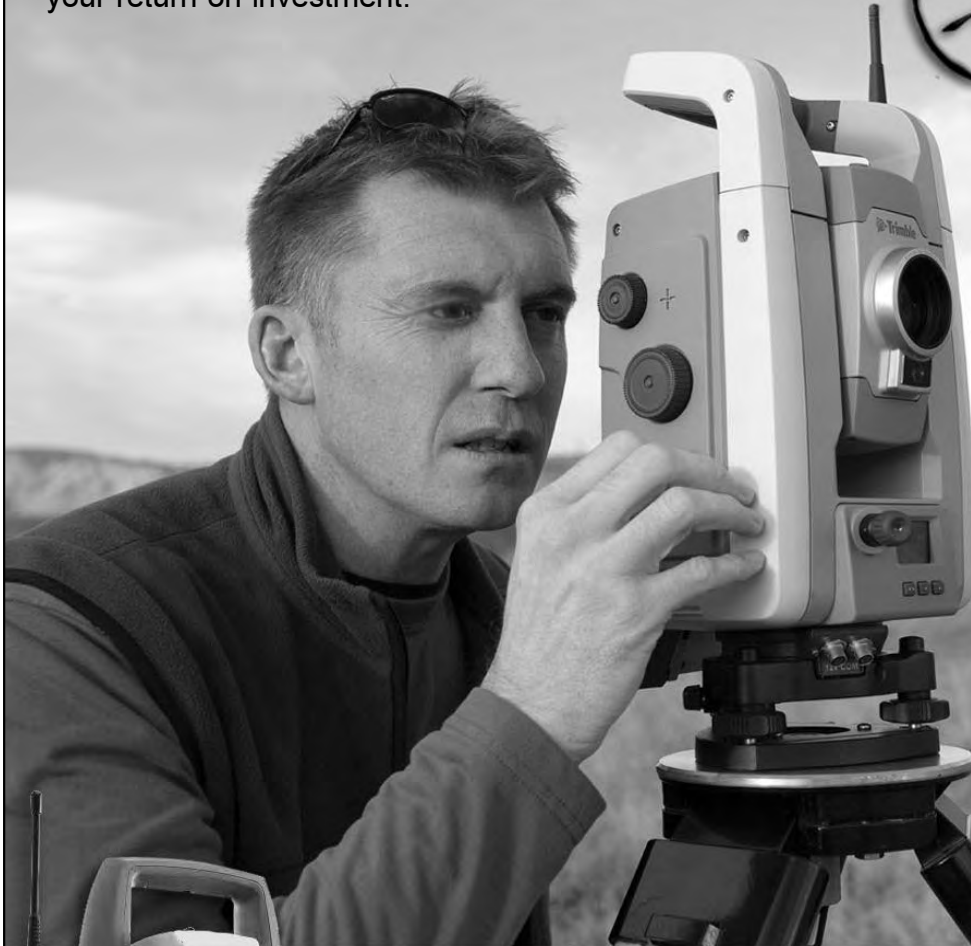
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with over 563,472 hits received in September.... Their educational foundation will award \$34,750 in scholarships this year and has 55 applications.... CLSA has made available to other organizations a customized version of their successful CLSA DVD for a Recruitment Campaign.

Colorado: Dave DiFulvio presented a comprehensive report on the activities of PLSC.

Hawaii: HLSA held the CST Exam at their annual conference again, January 31 and Feb. 1, 2008.... Approximately 10 schools will participate in the upcoming Trig Star competition in March.... The shoreline certification issue still exists.... There are approximately 200 members of HLSA.

Idaho: Idaho State University has two and four year programs in land surveying and has experienced increased enrollment, and is involved in the curriculum development at ISU.... their membership is at approximately 400.... Legislative issues include amendments to their State Plane Coordinate and Record of Survey Statutes.

Montana: MARLS membership is at 549, of which 248 are voting members.... Their 2009 Conference will be in conjunction with ACSM, UCLS and WFPS at the Salt Place Convention Center, Salt Lake City.... Is in the process of forming a 501-C-3 corporation for scholarships.... A four year land surveying program is being proposed at Montana State University, Bozeman.... \$19,000 has been disbursed throughout the first and second year surveying student scholarship programs and the Trig Star Program scholarship.

Nevada: NALS membership is at 423 members.... Their membership dues were increased to \$100.... The southern Chapter of NALS has donated surveying equipment to the College of Southern Nevada.... Two bills of interest have passed their legislature, one that defines CC&R's for mixed use hotel and casino properties, and another dealing with commercial buildings.... their 2008 conference will be March 16-19 in Harvey's Hotel & Casino in Lake Tahoe.... In 2007, the NAPL ballot included removal of

LSI voting (passed by the required 2/3 vote).

New Mexico: Nothing new to report.

Oregon: PLSO will be celebrating their 50th anniversary in 2009.... Mary Louise VanNatta will be their new Executive Secretary in November.... Student enrollment at OIT is up 40% to 65 students.... Their membership is stable at 802, with 128 Associate, 568 Corporate, 27 Life, 13 Retired, 18 Special, and 48 student.... is continuing their efforts to introduce Oregon High Schools to "Trig Star" and have reached nearly 400 examinees in 12 schools.... Their revised strategic plan is available to members through their website, www.plso.org.

Utah: UCLS membership is at 460.... Their legislation committee is working on re-wording language for boundary line agreements.... UCLS will join with WFPS, ACSM, and Montana for their 2009 Conference scheduled for Feb. 19 – 24, 2009 in Salt Lake City.... A committee will be reworking the Utah portion of the licensing exam, and their state board chair was assigned to meet with Von Hill, a UCLS representative to see what can be done to address PLSS questions as being part of the survey examination.

Washington: LSAW's membership is at 1350.... Their political efforts will be focused on convincing their state board (BOR) to enforce existing laws.... They have expressed their concerns to their BOR regarding their approval of "incidental" surveying by engineers.... Their S.C.O.R.E. program continues to grow with \$1500 allocated for the purchase of hand held GPS units for students.... Their Dept. of Natural Resources is continuing work on Monument Preservation as well as revising horizontal accuracy standards and adopting vertical standards for the first time.

Wyoming: PLSW membership is at 213.... Their State Board of Registration is preparing amendments to their statutes, updating education requirements and streamlining its rules and regulations.... There have been huge contributions to the University of Wyoming's Engineering School by Oil, Gas, and energy companies totaling approximately \$250,000.

Other items of interest:

- The WFPS web site is: www.wfps.org.
- A special committee of WFPS is planning on compiling surveyor licensure requirements for all the WestFed States.
- The CLSA Recruitment Video will be added to the "Career in Surveying" page of the WFPS Website.
- NSPS Liaison report includes: NSPS membership is at 4,228, the Museum of Surveying is scheduled to open in April, 2009, NGS – new data sheets are in, NDGPS site is scheduled for decommission (all are CORS sites), NGS has concerns about Railroad abandonment because they could affect NGS monuments for level loops that were run along rail lines, a White Paper has been prepared for consideration by the Government Affairs Committee for further action at the NSPS Board of Governors meeting in Spokane in March.
- The proposed CORS decommissioning efforts were discussed, with concern expressed.

Our next meeting will be held on April 19th, Albuquerque, New Mexico.

End of Report ■



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Industrial Advisory Committee Report

The role of the Industrial Advisory Committee¹ (IAC) for the Surveying and Mapping Program, Metropolitan State College of Denver (MSCD) is to provide curriculum and program consultation and to maintain a dialogue between the college and the land surveying community. The committee meets on a quarterly basis. There are three very noteworthy items to report to PLSC members:

1. The fall 2007 ABET² review was very critical of certain portions of the program, enough so that a "Show Cause" finding could result, pending the ABET commission meetings in July 2008, which would give the program one year to demonstrate why accreditation should not be revoked. 2. According to Interim MSCD Provost and Vice President of Academic Affairs, Linda S. Curran, if deficiencies identified by ABET and the Colorado Higher Learning Commission (related to the distance learning classes) and the problem of insufficient revenues for the program cannot be addressed by the end of spring quarter (May 2008) the program may be terminated. 3. The Program has engaged David W. Gibson, Ph.D., Founding Geomatics Program Director, University of Florida, to perform a curriculum review to assess content relevancy for today's employers, students, accrediting agencies and program success. The review will be completed before May 2008.

To compare notes on the items above, the IAC met with Dr. Sandra Haynes, Dean of the School of Professional Studies and Carol Svendsen, Director of Metro Education Ventures and Extended Campus. The meeting focused on how the program can "survive and thrive." Important discussion items included protecting the distance learning investment, modernizing equipment, improving student communications, retention and recruitment, the need for partnerships with stakeholders and the necessity of, at least in the short term, additional financial sup-

port from the college for additional faculty.

All ABET approved Surveying/Geomatics programs, offering Bachelor of Science Degrees have, at a minimum, 3 full time faculty members.

The meeting was cordial and constructive. Dr. Haynes recommended that a letter from the IAC, as well as other interested parties, to MSCD President, Dr. Stephen Jordan expressing support for the program would be worthwhile.

A short review of the recent history of the program is essential to bring its current plight into perspective. In 1996, when the program's life was near demise, Dr. Herbert W. Stoughton, following his successful recruitment by PLSC, was responsible for its resuscitation. He has walked hand and hand with the program ever since. He, along with the PLSC family, were the nurturing force behind its growth into maturity as witnessed by ABET accreditation, expansion to 32 courses, transfer credit programs for over 70 secondary institutions, certificate programs and 14 distance learning classes. There are over 70 students enrolled for spring semester 2008.

It is useful to mention, in light of the ABET report, that Dr. Stoughton is an internationally recognized geodesist who, as recently as last month, designed map projections for certain island nations in the Pacific. He is a nationally recognized land surveyor, author and educator, lately the recipient of the ACSM Walter S. Dix Award, "in recognition of an individual who represents and embodies the outstanding contribution to ACSM and the surveying and mapping profession," the Earle J. Fennel Award "for outstanding contribution to surveying and mapping education," and the National Society of Professional Surveyors, Surveying Excellence Award, "in recognition of his outstanding contribution and dedication to the surveying profession."

The catalog of awards (too

numerous to chronicle on this page alone) while not the intent of this report, is mentioned to illustrate the key problem with the Surveying and Mapping Program at MSCD (in light of the ABET review): The program cannot survive with only one instructor, no matter their talent, energy and level of achievement. ABET arrived at the same conclusion. To add faculty requires additional funds. In the short run, some additional funds must come from the college. In the long run partnerships and additional funds must come from our stakeholders such as the land surveying community, and from current and future employers of MSCD graduates. With additional faculty we can increase recruitment, increase our graduation rate and return the program to increased funding from the college. The IAC goal is to increase the program's annual operating budget in the next three years to \$300,000 to fund additional faculty. We are looking for volunteers to lead and contribute to this effort.

The Surveying and Mapping Program has a unique competitive advantage over other programs: It is situated in a region identified as one of the top 40 **global** "mega-regions" that power the global economy.³ This region, Ft. Collins to Pueblo, containing 4 million people and \$140 billion in economic activity, has experienced a net increase in migration and immigration over the past decade and is projected to grow further still. ■

We are poised for greatness.
Randy Bloom, IAC Chairman

¹2008 IAC members: Diana Askew, Alan Blair, Susan Call, Tom Cave, Mike Dlin, Pamela Fromhertz, Douglas H. Ort, Gaby Neunzert, Gary Gable (PLSC Liaison), Daniel A. Smith, Dr. Herbert W. Stoughton, Paul Suter, Charlie Tucker, Steven Variano, and Randall M. Zanon

²MSCD Surveying and Mapping program is accredited by the Associated Science Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (ABET)

³According to Richard Florida, Director of Martin Prosperity Institute, University of Toronto's Rotman School of Management.

PLSC Legislative Committee Minutes - March 19, 2008

DISCUSSION ITEMS

ITEM 4.25 – Legislative Committee Lobbyist Update:

Gene Kooper presented discussion- Gene spoke with Peg Ackerman regarding the continuation of representing the PLSC Legislative Committee. At Gene's request Peg said she would look for a House Sponsor for a possible bill regarding Continuing Education Unit (CEU) requirements for Surveyors if the Legislative Committee decided to pursue this item at a future time. Peg stated the PLSC will need to fill out papers with DORA to show the need for CEU's. The PLSC historically has paid Peg \$1,000 a month for lobbying services. Peg suggested the PLSC Chapters assist with the fees to maintain a Lobbyist. Gene has spoken with several Chapter representatives and says the Chapters showed concerns of giving money to the PLSC cart blank. The Chapters would prefer that a Lobbyist fund be set up so the money contributed by the Chapters is accounted for. Roger Nelson stated he will speak with J.B. Guyton (PLSC President) and have J.B. place the item of hiring a Lobbyist on the July 6, 2008 PLSC Board meeting agenda. Larry Pepik suggested approaching each Chapter to see how much money they would be willing to contribute. Ricardo Moreno requested an estimate for each Chapter's contribution. Doyle Abrahamson suggested not having Legislative meetings at Peg's office to reduce Peg's fees and have Peg teleconference into the meetings. Roger N. suggested the amount contributed by each chapter be proportionate to the size of the Chapter.

ITEM 4.50 – Requisites to Remain on Committee:

Ricardo Moreno requested discussion and clarification for requisites to remain on the Legislative Committee including absentees from meetings. Roger N. proposes to set limits to the number of meetings that may be missed by a member. Roger N. noted that the PLSC Board rule is that a member who misses 75% of the annual Board meetings is removed from the Board. Rick Mason suggest reducing the number

to 50 percent for the Legislative committee. Larry Pepik suggested two meetings missed or three maximum annually. Roger N. suggested two to three unexcused absences. Brian Dennis suggested four absences annually and that the committee does not begin deciding what is excused or not because it is opinion based and debatable. Warren Ward suggested leaving it up to the Legislative Committee Chair or PLSC Board. Gene Kooper suggested each event be voted on by the committee. Roger Nelson will provide a rough draft and have it as three unexplained absences.

ITEM 4.75 – County Surveyor's Compensation:

Warren Ward, a County Surveyor, presented rationale that he would like the committee to discuss revising the language in the current statute regarding compensation for County Surveyors. Some County representatives have interpreted the current language in a manner not in line with the intent of the statute. Larry Connelly presented his rationale that the County Surveyor can be paid by the lot or by the map for plat review. Larry C. was on the Governor's salary commission and helped draft the current language in statute 30-10-903 & 30-10-905(1) and states that the intent of the language is being misinterpreted. Larry C. stated that recently the County Attorney of the County in which Larry C. is the County Surveyor interpreted the statute to limit the compensation to \$4,400 for services rendered as a County Surveyor. Larry C. had to stop reviewing plats when the County refused to compensate for services, when review services exceeded the \$4,400 amount. Larry C. would like the Legislative Committee to address this flaw in the language of the current statute 30-10-905(1). Roger Nelson stated he thinks the PLSC Board should review the statute and then suggest to the Legislative Committee whether to support a change in statute or not. Doyle Abrahamson suggested Larry Connelly get reappointed to the Governor's salary commission to draft new language for the statute. Ricardo Moreno

asked if other County Surveyors are having this problem with the current statute. Warren Ward stated that at least one other County Surveyor is having the same problem. Doyle A. suggested to Warren W. and Larry C. that they both speak with Peg Ackerman who was also originally active in the sponsorship of the current statute. Roger Nelson stated that the Legislative Committee will monitor this issue for now.

ITEM 5 – HB08-1053:

Roger Nelson presented a discussion that he suggest that a request be made to the PLSC Board to approve for each member of the Legislative Committee and PLSC Chapter Presidents be able to write a letter to the Governor of Colorado as representatives of the PLSC opposing HB08-1053. Rick Mason stated he supports Roger Nelson's idea of a letter to the Governor and supports the Legislative Committee to write a letter also. Warren Ward stated the Colorado County Surveyor's Association has already written a letter to the Governor opposing HB08-1053 and asked the Governor to veto the bill. Roger Nelson stated that the current proposed bill language has reverted back to the original language and not the language agreed upon with Douglas County and the Legislative Committee earlier this year. Doyle Abrahamson motioned that Roger Nelson solicit the PLSC Board for approval for the Legislative Committee to write a letter to the Governor to veto HB08-1053 and individuals of PLSC to voluntarily write letters as well; 2nd by Doug Berling. Larry Connelly excused himself from the remainder of the meeting and exited the teleconference at this time. There was discussion by the majority as to how individuals would be allowed to represent themselves if they wrote individual letters. Would they state they were members of the Legislative Committee, PLSC members or just concerned surveyors? Ricardo Moreno does not think any additional Legislative Committee letters need to be sent. Roger Nelson suggests he generate a rough draft letter that he will send to the Commit-

continued on page 28

FOUR CORNERS AREA SURVEYING SEMINAR 2008

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WHEN: JUNE 6th AND JUNE 7th, REGISTRATION IS FROM 7:00 TO 7:45 A.M. EACH DAY AND CLASSES BEGIN ACCORDING TO THE SCHEDULE SHOWN BELOW.

WHERE: THE COLLEGE UNION BUILDING (CUB) AND NOBLE HALL ON THE FORT LEWIS COLLEGE CAMPUS, DURANGO, COLORADO.
(See FLC web page www.fortlewis.edu for maps).

WHO: Walter Robillard, Charlie Tucker, Gary Gable, Gene Kooper, Randy Bloom and Roger Nelson.

PROGRAM:

FRIDAY, JUNE 6TH

7:00 a.m. – 7:45 a.m.: Registration, coffee and pastries provided at the ballroom in the CUB
7:45 a.m. – 8:00 a.m.: Opening remarks, directions to classes
8:00 a.m. – 5:00 p.m.: Mr. Walter G. Robillard, "Boundaries and Landmarks"
8:00 a.m. – 12:00 p.m.: Mr. Gene Kooper, "Advanced Topics in Mineral Survey Retracements"
1:00 a.m. – 5:00 p.m.: Mr. Randy Bloom & Mr. Roger Nelson, "Onshore Order No. 1: The Well Plat and Geospatial Database"
5:00 p.m. – 7:00 p.m.: Happy hour: complimentary Hors D' Oeuvres and beverages in the CUB.

SATURDAY, JUNE 9TH

7:00 a.m. – 7:45 a.m.: Registration, coffee and pastries provided at the ballroom in the CUB
8:00 a.m. – 5:00 p.m.: Mr. Walter G. Robillard, "Priority of Calls"
8:00 a.m. – 5:00 p.m.: Mr. Charlie Tucker & Mr. Gary Gable, "Railroad Surveying 101"

Buffet lunch is included from 12:00 to 1:00, along with beverages and snacks during registration and breaks on both days, at the ballroom in the College Union Building.

The complete registration form will soon be posted on the internet at: <http://www.plsc.net/calender/calendar.html>.

from page 27

tee members for feedback to make the letter a collaborate effort from the Committee. Gene Kooper suggested that each Chapter handle the letter as they see fit with PLSC approval. Doug Berling requested a copy of the County Surveyor's letter from Warren Ward via email.

Vote tally to motion made by Doyle A. = (6) yes, (1) no, (1) abstain. Motion passed with majority vote for Roger Nelson to solicit the PLSC Board for approval to write letter.

ITEM 6 – ILC Language:

Ricardo Moreno read his suggested amended language, as written in the March 19, 2008 meeting agenda as item 6.6(i), as requested from previous meeting as follows:

"Apparent encroachments shall be noted and shown in an obvious manner. When the level of certainty to possible encroachments are not precise enough for a positive determination, an Improvement Location Certificate shall not be issued. A statement to the property owner(s) and lender(s) from the Surveyor shall be submitted explaining the reason for uncertainty and that a boundary survey is recommended." Larry Pepik requested that a review of all wording regarding the ILC certification agenda be reviewed from top to bottom to refresh everyone on the issue. Roger Nelson summarized an email sent to Roger by Sketch Moon limiting the ILC certification to planimetric features. Roger N. requested the Committee review the email sent by Moon. Doug Berling reiterated a letter sent by Maurice Shuamman requesting to leave the current certification language as is with no edits. Doug Berling stated that he agrees with the Maurice S. letter. Ricardo Moreno presented a question of clarity regarding State Board rule stating "highest control." Roger Nelson stated that question could only be answered by the State Board for interpretation. Rick Mason stated "highest control" could mean original monumentation versus others. Ricardo Moreno stated he would like State Board to explain the intent of an ILC before further discussions on the issue. Larry Pepik stated he wants this item of ILC Language to be placed at the top of the next meeting agenda. Gene Kooper stated that the next State Board meeting date is June 13, 2008. Larry Pepik motioned to table item (6) and place item on top next of the meeting agenda; 2nd by Rick Mason.

Vote tally = (8) yes. Motion passed unanimously to table item (6) to next meeting and move item to top of agenda for discussion.

ITEMS 7-12:

Roger Nelson suggest to table items (7-12) for next meeting agenda due to time constraints. There were no objections.

ITEM 13 - Next Meeting Time:

April 16, 2008 at Merrick's office in Aurora, Co.

ITEM 14 - Adjournment:

Motion made by Warren Ward to adjourn the meeting, 2nd by Doyle Abrahamson.

Vote tally = (8) yes, motion passed unanimously.

Roger Nelson adjourned the meeting at 8:37 p.m. ■

Respectfully Submitted,
Brian Dennis

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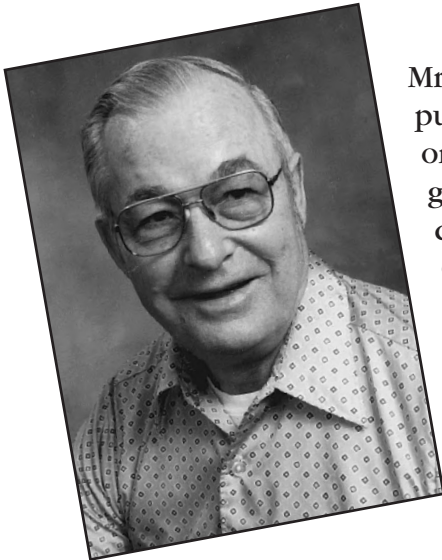
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