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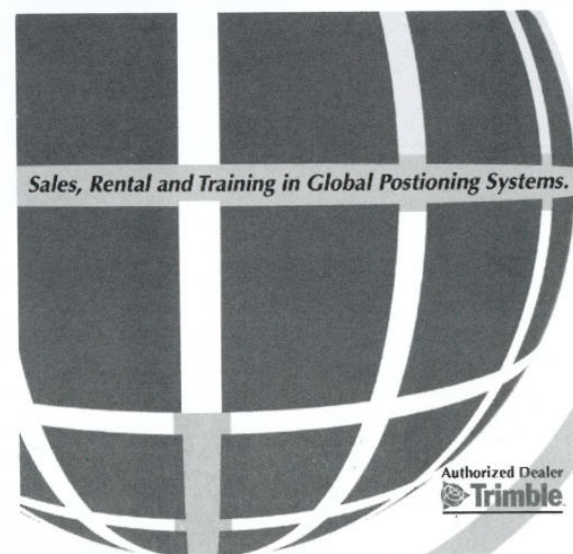
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2008 PLSW MEMBERSHIP APPLICATION

PROFESSIONAL LAND SURVEYORS OF WYOMING

AFFILIATE — AMERICAN CONGRESS ON SURVEYING AND MAPPING
MEMBER — WESTERN FEDERATION OF PROFESSIONAL SURVEYORS



NAME _____ DATE _____

(Please indicate preferred mailing address)

WYOMING REG. NO. ☐ PLS _____

HOME ADDRESS: ☐

☐ PE/LS _____

STREET OR BOX: _____

CITY/STATE/ZIP: _____

TELEPHONE: _____

BUSINESS ADDRESS: ☐

STREET OR BOX: _____

CITY/STATE/ZIP: _____

TELEPHONE _____ FAX _____ E-MAIL _____

EMPLOYER: _____ YOUR TITLE: _____

States other than Wyoming in which you are registered: _____

Additional information or comments (optional): _____

CLASS OF MEMBERSHIP APPLIED FOR: (check one only and please submit dues with application, prorated for the remainder of the calendar year)

☐ **MEMBER**, ANNUAL DUES \$75 (Persons duly registered, PLS or PE&PLS in Wyoming.)

AFFILIATE MEMBERSHIPS

☐ **Associate Member**, annual dues \$50. (Persons employed under the direction of a PLS and working toward PLS registration in Wyoming.)

☐ **Special Member**, annual dues \$50. (Not meeting above qualifications but with a particular interest in, or association with, the profession of land surveying.)

☐ **Special Member**, Student, annual dues \$15. (Pursuing a post secondary academic course of study, and currently enrolled.)

☐ **Sustaining Member**, annual dues \$100. (Persons, institutions or corporations desiring to assist PLSW financially.)

I AGREE TO OBSERVE THE CONSTITUTION AND BY-LAWS OF THE PROFESSIONAL LAND SURVEYORS OF WYOMING AND THE CHAPTER THEREOF TO WHICH I WILL BELONG AND TO SUPPORT SAID ORGANIZATIONS IN THEIR ENDEAVORS.

APPLICANT'S SIGNATURE

SPONSOR'S SIGNATURE
(For Affiliate Member applicants only.)

NOTE: All portions of the state have chapters. Chapter dues or assessments may vary in amount. Applications are considered by the board of Directors at quarterly meetings. Send completed application to PLSW, c/o Marlowe Scherbel, Sec./Treas., P.O. Box 725, Afton, Wyoming 83110.

SCHOLARSHIP APPLICATION
PROFESSIONAL LAND SURVEYORS OF WYOMING

Applicant's Name _____ DOB _____

Street Address _____ City _____ State ____ Zip _____

Telephone: _____ : Fax: _____ e-mail: _____

Marital Status: _____ Number of dependent children: _____

Describe Career Plans: _____

If a full-time student, please list the College or University you are attending: _____

If you will not be a full-time student, please describe on another sheet, how you are obtaining your education.

How many semester/quarters of college have you completed? _____

How many credit hours of surveying curriculum classes have you completed? _____ hours (semester or quarter?)

Current or last available GPA: _____ from: _____ (list school)

Will you be in school two consecutive semesters/quarters? _____. List them _____

Employment information: List employer and annual wage for you and your spouse: _____

Does your employer offer re-imbusement or other assistance for college classes? ____ If so, describe on separate sheet.

If receiving support from parents, please provide the following information:

Father's employer _____ Yearly Salary _____

Mother's employer _____ Yearly Salary _____

List other immediate family members currently in college or university and receiving support from parents:

Please provide proof of enrollment in the college that you are attending.

On another sheet of paper, please document your financial need, efforts you are making to earn the necessary funds, debts or other financial obligations, a budget of expected yearly educational costs, including housing, books, tuition, fees, transportation, entertainment, clothing, food, etc. List other scholarships, grants, loans, etc., that you are applying for or have received. Please include the status of those applications ie., received, expect to receive, applied for, haven't heard or other appropriate indication of status. Note: please make your application as complete as possible.

Please also include a recommendation from a practicing, professional land surveyor which includes a reference to being familiar with your plans to become a professional land surveyor.

The above information is true and complete to the best of my knowledge:

Applicant _____

Date _____

.....
FOR COMMITTEE USE ONLY

Date received by scholarship committee: _____

Revised 2/04/04

THE CREW'S VIEW

"There cannot be a crisis today; my schedule is already full." – Henry Kissinger

We say good-bye this issue to our friend and co-editor, Vickie Sue Hudson. Her obituary appears on page 11. In paying tribute to her at her Memorial Service recently, Rick gave those of us in attendance an opportunity to speak freely about our memories of this magnificently complex woman we all knew as Vickie. After it was over I thought about those peaks and valleys of her life and the extraordinary courage and stamina in which she lived all the days of her life.

The road of life has some really beautiful scenery, some nice places to visit you never want to leave. It also has some bumpy roads and an occasional detour you hadn't planned on that takes you to the unknown. It can be a daunting experience, especially if you are driving in stormy weather and you can't see what lies ahead until you get there. As I grieve for her, I wish I would have taken just a little more time to follow through on ideas we talked about for the magazine. During the service, Rick played her favorite(ists) songs – After the service – I thought of this one by Helen Reddy:

I am woman, hear me roar

I can do anything

I am strong

I am invincible

I am woman. . . .

Linda

Editor, Linda Abell

Co-Editors: Larry T. Perry & Mark Rehwaldt

Mailing address: P. O. Box 261, Worland, WY 82401-0261

E-Mail: sjabell@tribcsp.com

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President's Message

Dear Members,

As a long-time enthusiast for the fall: crisp air, autumn colors, fewer insects, hunting, the onset of snow in the higher elevations, I've had a particularly enjoyment this year for the winter turning to spring. Though hopefully not for too many others, it's been a less than desirable fall and winter with too many instances and reminders of endings rather than beginnings. More than ever, I'm looking forward to some beginnings: the rise in temperature, the spring smells of soil and rain, the changes in wildlife patterns, and yes, even fighting a bit of mud and a few storms since I know they're fleeting events.

I hope all of you find some of that elusive time to spend individually, with friends, or with family to enjoy the change of the seasons. I'm aware that many of you have a year-around workload and the consistent pressures that go with it, so be sure to take those five and ten minute breaks to soak up the changing season that we who live and work in such an open, low-population state enjoy, along with the opportunities and advantages we sacrifice a bit for in that enjoyment.

One of those advantages and opportunities we have is our access to political processes and our legislators. As a profession, we've benefitted in that close association, but this year and in recent years, it seems to me that a couple of problems have arisen from the same closeness. The failure of the legislature's second house committee to even discuss some timely amendments to our governing laws has been a frustration to not only the individual professionals and represented firms of professionals, but also to the State Board of Registration, the sponsoring legislator, and supporting legislators.

It's too easy to start pointing fingers and placing blame on whatever part of the process you particularly care to credit for the delay in the inevitable legislation that will modify the present statutes. I'm hopeful we resist that tendency and instead work

toward resolving any failure we suspect in a proactive manner. My concern is with post-session comments from drafters of the bill that the draft legislation was worked on for six months or so before introduction, yet the resulting form of the introduced legislation was made available to the professional community less than two weeks before the session started, was not the same as previously introduced as was touted, and the data purporting to support and justify the legislation was not openly provided for review.

My initial and singular desire for the PLSW when I accepted the office of president was for better standing of the organization with the controlling, administrative and associated bodies with which we interact. Receiving late notice of legislation affecting us as professionals is neither an indication of good standing as an organization nor respectful consideration of the professional community as a whole. At a minimum, allowing both the PLSW and the individual professionals time to work out differences or at least consolidate the various position camps seems reasonable. I hope this situation changes.

The result in legislative session has been similar the past two years, a flurry of discussion and divisive opinions brought to the table late and giving the legislature an excuse to ignore what needs to be done. Yet more onerous this year is that the senate committee failed to openly discuss any problems, so the drafters and the affected professional community are left without openly stated guidance, merely status quo.

My sincerest regards to all for a year of safe, successful endeavors,

/s/ Kevin D. Jones, P.E., P.L.S.

EL DORADO SPRINGS, MISSOURI

by Dennis D. Bland

The Bureau of Land Management's Cadastral Survey Organization, over the past 90 years, has had nearly 200 employees from one small town in western Missouri. Incredibly, this number of men and women comes from tiny El Dorado Springs, which currently boasts a population of 3800. It appears to have started with a family named Bandy, and a local grocery store owner named Ed Wilson.

Roy Bandy, who grew up on a Vernon County farm in the late 1800s and early 1900s, longed to go "West" because of correspondence received from his older brother, Elmer, then living in Colorado. However, the passing of his father required him to stay at the family farm delaying his adventure to the West until 1905. After planting the spring crops and leaving the farm to younger brothers, he secured employment on a GLO surveying crew in Wyoming. Except for the period of 1907-10, Roy spent his entire career as a surveyor with the GLO and later as Regional Cadastral Engineer with BLM. In the latter capacity, he was responsible for the public land survey program in ten western states until his retirement in 1954. Roy married Inez Estes, a Missouri farm girl, in 1911. Inez was faithful as a helpmate to Roy, serving as camp cook on remote surveying jobs to be near her husband.

In 1931, Roy was assigned to survey the revised east and north boundaries of the Yellowstone National Park, a project which would take three summers to complete. The survey would cross some of the most difficult terrain in the Rocky Mountain Range. A young ambitious man from El Dorado Springs, Eddie Wilson, worked on this survey for a period of time. Later, Eddie returned to El Dorado where he purchased a grocery store business. He married the former Ruby Gayle Estes, a niece of Mrs. Bandy, so he and Roy maintained contact with each other. Once, when Roy needed some new recruits for his survey crew, he made the need known to Eddie. Roy had repeatedly indicated that bright, hardworking farm lads sometimes made the best surveyors. Eddie knew the qualities desired in a person to start a surveying career and was acquainted with many of the lads in the area. As the years went by, Eddie was instrumental in recommending several applicants for employment with the Cadastral Survey. Eddie was serious in this recruitment effort, and in later years commented that he interviewed each candidate and recommended only those he thought was capable of being a desirable employee. As the rank of El Doradoans grew in the Cadastral Survey offices, many more applied directly to each office. Occasionally, a surveyor would depart to the field for a season of surveying with an entire crew of four to six employees, all from El Dorado Springs, Missouri.

Over the decades, several people stayed with the BLM Cadastral Survey and made a career in the surveying profession or are striving toward that goal. Some deciding factors in this choice of career were: outdoor and scenic environments, the different challenges each survey presented, a strong belief in the benefits derived from accurate surveys, and a love for the historical aspects of the original surveys.

Professional surveyors are also history buffs. There is nothing quite like the thrill of searching for and finding an undisturbed original cornerstone, almost covered by silt, with distinct chisel marks and wondering if you are the first person to see it since its placement 100 plus years ago. Many of the early surveys were well executed considering the elements of weather, isolation, mode of

travel, inaccuracy of instruments, and yes, sometimes hostility of Indians endured by the surveyors in those bygone days.

Much has changed since Roy Bandy went to Wyoming in 1905. He joined a contract survey crew where the surveyor was paid for miles completed. In 1910, the contract system was abolished and surveys were performed under the "direct system" with GLO employed surveyors. Horses were replaced by trucks as the mode of transportation, and many years later, helicopters were introduced to access the rugged back country. Instrumentation evolved from transit and chain, through advanced technology, to electronic distance measuring devices and theodolites with electronic readouts, and even GPS.

The migration of young people to employment with cadastral survey crews over the past decades is bound to have had beneficial effects on the hometown. It may not be fair to say that surveyors put El Dorado Springs on the map, but more proper to infer that surveyors enhanced the location.

Trig-Star Program

It's not too early for chapters to start preparing for the NSPS Trig-Star Program. This contest is an annual high school mathematics competition based on the practical application of Trigonometry. The program recognizes the best students from high schools throughout the nation.

The purpose of the TrigStar Program:

- To promote the study of trigonometry in high school and to promote excellence in the mastery of trigonometry by honoring the individual student who has demonstrated superior skill among classmates at the High School level.
- To acquaint the high school trigonometry students with the use and practical application of trigonometry in the surveying profession.
- To build an awareness of surveying as a profession among the mathematically-skilled high school students, career guidance counselors and high school math teachers.

Contact Joel Ebner 307.686.6750 or by E-mail: joel_Ebner@blm.gov if your chapter is interested in participating.



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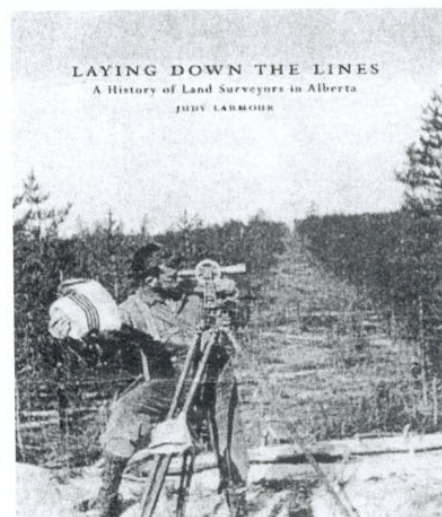
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LAYING DOWN THE LINES

A HISTORY OF LAND SURVEYING IN ALBERTA

BY JUDY LARMOUR



Between the Fourth Meridian and the Continental Divide is a vast land with some of the most varied landscapes, difficult terrain, and treacherous climates in Canada.

The challenge of exploring, surveying and mapping the territory now known as Alberta holds some of the most fascinating stories in the 100-year-old province's history.

From the first excursions of David Thompson and John Palliser to the challenge of laying down the township grid and the ongoing work of surveying for industry and development, from the first hand-drawn maps to modern satellite imaging and computer modeling, historian Judy Larmour captures the fascinating details and the spirit of the hardy surveyors in the dramatic centuries-long struggle to find and mark place.

Chapters include Mastering A Dry Land: Land Surveyors and Irrigation (Chapter 4), The Challenge of Surveying Alberta's North (Chapter 6), and Urban Provincial and Professional Affairs in the Glory Days to World War I (Chapter 8)

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Professional Land Surveyors of Wyoming Minutes

31 January 2008, 2008 Annual Meeting

- 1) The Annual Meeting of the Professional Land Surveyors of Wyoming, Inc.
 - a) Location: Holiday Inn: Cheyenne, Wyoming
 - b) Date & Time: Thursday, 31 January 2008, 2 p.m.
 - c) Presiding Officer: Mr. Kevin Jones, President
- 2) Call to Order: President Jones
- 3) Introductions:
 - a) The PLSW Chapter Directors were introduced.
 - b) Only 32 members were present, which is less than 50% of the total members required for a majority. Rather than canceling the meeting, for lack of attendance, President Jones continued the meeting. An attempt will be made to have 23 additional members ratify the business conducted to make the meeting official.
 - c) President Jones briefly introduced Curtis Sumner, Executive Director – ACSM.
 - d) Last Call for Sealed Ballots: Michael A. Flaim, Teller
 - e) Minutes of the Annual and Board of Directors' Meetings in 2007:
 - a) Roads between Rawlins and Laramie, Wyoming were closed and Secretary Marlowe Scherbel was not able to attend, so additional copies of the minutes of previous meetings and reports were not available.
 - b) Larry Perry moved to approve the February 1, 2007, Annual Meeting minutes, Rick Hudson seconded, motion carried.
 - f) In Memorial:
 - a) A moment of reflection was held for the loss of Art Hipp, Colorado PLS, and John Dolinar, Wyoming PLS. Art and John's contributions to the surveying profession will be missed and not soon forgotten.
 - g) President's Report:
 - a) Benjamin Garver Lamme
 - h) Secretary/Treasurer's Report:
 - a) John Steil moved to approve the Secretary/Treasurer's Report, seconded by Richard Muscio, motion carried.
 - i) 2008 Budget:
 - a) The 2008 Budget was presented. Bruce Frederick made a motion to approve the 2008 budget, seconded by Herb Stoughton. Larry Perry called for questions, no discussion, motion carried.
 - j) Committee Reports: Made at Annual Meeting
 - a) Audit - Finance: Richard Muscio reported there were no discrepancies discovered during the audit. Herb Stoughton moved to accept the audit committee report, seconded by Jeff

Jones, motion carried.

b) Investment Committee: Jon Anderson reported that the stock market had declined and that this might be viewed as a buying opportunity. The investment committee also suggested that if the PLSW equity position was less than 20%, it is a good time to increase the equity position in PLSW's portfolio to 20%. There was no comment from the members present.

c) Legislative: John A. Steil stated there are 76 bills filed from the House and 52 bills filed from the Senate. Pete Jorgensen discussed the proposed Land Surveying registration requirements. The proposed legislation will require a four year degree and become effective during the next decade. Carl Carmichael asked if the legislature would fund a four year surveying degree. Mr. Jorgensen's response was that the legislature would not. Harry Kessner asked about the proposed legislation, which was present in the last session, and did not get passed. Mr. Jorgensen replied that it was at the discretion of Senator Scott.

d) S.O.S. [Corner Record Honorarium]: Paul Reid stated that the corner recordings competing for the Corner Recordation of the year were filed for record in 2007, and this is the 2007 corner record competition.

e) No questions from PLSW members present for the committee chairs.

f) See Board of Director's meeting for other Committee reports.

g) Herb Stoughton moved to approve the committee reports, Dennis Dawson seconded, motion carried.

11) Delegate Reports:

a) Western Federation of Professional Surveyors: Delegates are Paul Reid, Jeff Jones, and Cotton Jones.

12) Citations and Awards:

a) President Jones recognized and thanked: Larry Perry for his Public Relations efforts, Stan Abell for his role in the Membership Committee, Rick Hudson for his participation as President and Chapter Secretary/Treasurer, Joel Ebner for his support of Trig Star, and Bill Fehringer for putting together the Fall Technical Session.

b) Vice-President Rehwaldt recognized and thanked: Will Dolinar and Craig Davis for updating the PLSW website,

Vickie Hudson and Linda Abell for publishing Lines and Points, and

Kevin Jones for his contribution as 2007 PLSW President.

13) Election Results: Michael A. Flaim, Teller

a) PLSW has 117 members with 57 ballots presented. Teller Michael Flaim reported the results:

Kevin Jones – President

Mark Rehwaldt – Vice President

Marlowe Scherbel – Secretary/Treasurer

b) The By-Laws change was approved.

c) Herb Stoughton moved to approve the teller's report and that the ballots should be destroyed, Cotton Jones seconded,

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(Continued on Page 6)

BOD Quarterly Meeting Minutes, 31 January 2008

- 1) Call to Order: 4:22 p.m. by Kevin D. Jones, PLSW President
- 2) The roads were closed between Rawlins and Laramie, Wyoming and Secretary Marlowe Scherbel was not able to attend the meeting.
- 3) Roll call:
 - a) Kevin D. Jones, President [present]
 - b) Mark D. Rehwaltdt, Vice President [present]
 - c) Marlowe A. Scherbel, Secretary/Treasurer [absent]
 - d) Cevin C. Imus, Director Northeast Chapter [present]
 - e) Bruce W. Frederick, Director Northwest Chapter [present]
 - f) Paul N. Scherbel, Director, West Chapter [absent]
 - g) Randall S. Stelzner, Director Central Chapter [Gary Hatle, present for Randy Stelzner]
 - h) William R. Fehringer, Director, South Central Chapter [present]
 - i) Michael A. Flaim, Director, Southeast Chapter [present]
 - j) Mark D. Rehwaltdt, Director Laramie Chapter
 - k) Jon L. Anderson, Director, Upper Platte Chapter [Anita Morris, present for Jon Anderson]
 - l) Donald M. Schramm, Director, Southwest Chapter [absent]
 - m) Richard T. Muscio, Immediate Past President [present]
 - n) Paul A. Reid, Wyoming Delegate, WFPS [present]
 - o) Jeffrey B. Jones, Area 7 Director, ACSM [present]
 - p) Cotton D. Jones, Governor, NSPS [absent]
- 4) Agenda Revision and Adoption of Revised Agenda:
- 5) Introduction:
 - a) Officers and Directors
 - b) Honorary Members
 - c) Guests: Pete Jorgensen, Mark Corbridge, Larry Perry, Ken Schramm
- 6) Minutes: Board of Directors 25 October 2007 minutes was reviewed. Bruce Frederick moved to approve the minutes and seconded by Cevin Imus. Discussion was held, and Bruce Frederick amended the motion to remove the "s" from his last name on the last page of the minutes. Amended motion carried.
- 7) President's Report:

See annual meeting agenda
- 8) Vice President's Report:
- 9) Secretary's Report:

-PLSW Minutes

(Continued from Page 5)

motion carried.

- 14) Installation of 2007 PLSW Officers:
- 15) Seating of New Officers and President's Inaugural Address:
- 16) Announcements:
 - a) The 2009 Annual Meeting will be held February 5, 2009 at the Wyoming Engineering Convention to be held in Casper, Wyoming.
- 17) Adjournment:
 - a) Herb Stoughton moved to adjourn, Cotton Jones seconded, motion carried. Meeting adjourned at 3:50 p.m.

See Annual Meeting Agenda

- 10) Treasurer's Report:
 - a) Statement of Expenditures

Motion to ratify expenditures over \$100.00 made by Richard Muscio, seconded by Bruce Frederick, motion carried.
- 11) Committee Reports: Made at Annual Meeting
 - a) By-laws: Herb Stoughton volunteered to chair the By-Laws committee. Bruce Frederick requested the Bylaw's chair selection be put on hold until the next meeting.
 - b) Convention: President Jones commented that the Convention Committee did a good job and the effort was appreciated.
 - c) Education: Bill Fehringer stated he has been in contact with hotels in Casper, Wyoming for the Fall Technical Session. The Parkway Plaza doesn't have the second week in November open, but they do have October 23 and 24, 2008 open. The Parkway Plaza has a small room available on November 13 and 14. The Ramkota Inn in Casper has a main meeting room available on October 30 and 31 and November 13 and 14, 2008. The consensus was to hold the Fall Technical Session on November 13 and 14, 2008 at the Ramkota Inn in Casper, Wyoming.
 - d) History: Herbert W. Stoughton - Reports need to be submitted.
 - e) Investment Committee: Jon Anderson - The recommendation from the Annual Meeting to the investment committee is to invest additional funds in equities up to the 20% limit.
 - i) Mike Flaim moved that the resolution presented, which requires two of the following four signatures to invest additional funds or to make withdrawals from the Dain Raucher account: President, Vice President, Secretary/Treasurer, Investment Committee Chair be accepted, seconded by Gary Hatte, motion carried.
 - f) Legislative: Pete Jorgensen discussed the proposed legislation for the Land Surveyor registration with the PLSW Board of Directors. The proposed legislation will require a four year degree during the next decade to become licensed as a Wyoming Land Surveyor.
 - g) Membership:
 - i) New committee chair - Tom Johnson/Randy Stelzner.
 - ii) Members unable to contact or that want to be removed from membership in PLSW. Please review and see if anyone knows how to contact these members or would like to contact them to see if they would like to keep their membership. Final list for suspension and/or termination to be completed by May 2008 BOD meeting.
 - h) Newsletter - Lines & Points: January 2008 issue now available, and the newsletter is well done.
 - i) Public Relations: Martin Pederson's offer to provide funding for the video in the amount of \$1000 is still good if PLSW will make the arrangements.
 - j) Scholarship: The scholarship application form is being revised. It was intended to nominate Spencer Cherry for a scholarship, but because of road closures the committee was not able to meet. The committee will need to meet and make a recommendation before a scholarship can be awarded.
 - k) Website Committee: Will Davis/Craig Davis - NSPS

(Continued on Page 7)

-SURVEYING EDUCATION

(Continued from Page 14)

a minimum of two semesters (thirty (30) credits) of approved technical courses in surveying. The remainder of the academic program is a combination of electives in surveying and approved cognate subjects.

The baccalaureate technology programs have a similar distribution of academic courses. However, the required courses in the subject areas of mathematics and physical sciences are less rigorous. For instance, a series of courses known as "technical calculus", algebra based statistics, and algebra based or technical physics are required. In over four decades, it is this individual's concern as to what constitutes technical calculus, calculus for business, calculus for life sciences, technical physics, etc.

The associate degree academic programs can address the baccalaureate of science philosophy or the baccalaureate of technology. These programs can be terminal degree programs, or the first two years of the baccalaureate degree programs. In both instances, the academic programs contain approximately fifty percent of the academic course work distribution stated for either baccalaureate degree programs.

There are two types of academic institutions offering post secondary degrees in surveying. The first group, which is the largest,

ABOUT THE AUTHOR

Dr. Herbert W. Stoughton, Ph.D. is professor of Surveying at Metropolitan State College of Denver and a practicing geodetic engineer. He holds three engineering degrees from the University of Michigan: BSE in Civil Engineering; MSE in Geodetic Engineering; and PhD in Civil Engineering. Prior to joining the faculty at MSCD, he was a geodesist and physical scientist executing geodetic surveys and developing enhanced geodetic procedures and new instrumentation to support the Department of Defense weapon systems worldwide.

Dr. Herbert W. Stoughton, Ph.D. is a licensed professional land surveyor in eight states, licensed professional engineer in three states and a certified photogrammetrist. He has served as director of the American Congress of Surveying and Mapping, president and secretary/treasurer of the Professional Land Surveyors of Wyoming, and is a member of the American Geophysical Union, American Society of Photogrammetry and Remote Sensing, and the Professional Land Surveyors of Colorado.

Professor Stoughton has written over one dozen books on surveying, seventy-five technical papers, and reviews for nearly 85 publications. In the last four years, Dr. Herbert W. Stoughton, Ph.D. has been the recipient of three national awards: 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 most recently, March 2003, the National Society of Professional Surveyors, a member organization of ACSM, presented Dr. Herbert W. Stoughton, Ph.D. with the Surveying Excellence Award 2003, "in recognition of [his] outstanding contribution and dedication to the surveying profession."

are public academic institutions. These may be either federal, state, county, or municipal financially supported institutions or private institutions. These institutions have regional accreditation (i.e. North Central). By this is meant that the academic institution has been evaluated by an organization which reviews schools and post secondary academic institutions to determine conformity to prescribed norms for that type of educational institution. The second level of accreditation is for specific academic programs. The accrediting institutions for specific academic programs are separate organizations. The professional societies related to engineering and surveying organized the Accreditation Board for Engineering and Technology. This organization is comprised of four accreditation commissions which review academic programs in engineering, engineering technology, associated sciences, and computer science/computer information systems. Today (2006), each commission has at least one accredited surveying and mapping program, or has a program seeking accreditation. An academic institution must be regionally accredited before ABET will consider accrediting an academic program.

The second group of post secondary institutions are known as proprietary institutions. These organizations have been organized "for profit" by individuals or corporations. These proprietary institutions usually are not accredited by regional accrediting organizations. There is at least one accrediting organization for proprietary institutions. These academic programs are more intensive in technical and professional subject course work, and all the courses are oriented to the specific technical subjects.

In all forms of post secondary education, satisfactory performance by students is assessed through assignments and examinations.

Survey Video Tapes Available

TAPE ONE

1. *Professional Land Surveyors & GIS; Mapping the Future*; New Jersey Society of Professional Land Surveyors.
2. *Professional Land Surveying: A Career Without Boundaries*; New Jersey Society of Professional Land Surveyors.
3. *A Matter of Degrees*; American Congress on Surveying and Mapping, National Society of Professional Surveyors (1986).
4. *Surveyors of the Sixth Principal Meridian*; Bureau of Land Management

TAPE TWO

1. Wyoming T2 Center: *Surveying Crew Orientation: Surveying Options, Part I*.
1. Wyoming T2 Center: *Surveying Crew Orientation: Surveying Options, Part II*.

TAPE THREE

1. *Introduction to Legal Research*; by West Publishing (nine chapters).

Contact South Central Chapter, P.O. Box 904, Casper, WY 82601. E-mail: mblum@wlcwyo.com

Surveying Education, Training, and Professional Development

Herbert W. Stoughton, Ph.D., P.E., P.L.S., C.P.

PART 1 OF 3

INTRODUCTION

In the late 1970's, the State of Iowa became the first state to enact legislation requiring continuing education for re-registration/re-licensure for professional engineers and professional land surveyors. Later, the term "continuing education" was changed to continuing professional education and still later to continuing professional development. With the enactment of continuing education in Iowa, and later elsewhere, the learning circle of "education - training - professional development" was closed and firmly established.

By 1985, education, training, and professional development were distinct entities and activities for the design professions [which are architecture, engineering, land surveying, and landscape architecture (writer's definition)]. However, in the last two decades, many individuals in the land surveying profession have failed to comprehend that these three learning activities have important and distinct roles to the profession.

There are several definitions which I will now state in order to establish the parameters for my remarks. The basic dictionary definitions are employed.

Profession: A vocation, especially one that involves some branch of learning or science.

Education: Bringing up (of the young); systematic instruction; course of instruction; development of character or mental powers.

Training: Bringing a person or child to a desired state or standard of efficiency; teach and accustom a person to do a particular function or course of action.

The dictionary does not address or define the term "professional development".

I shall now attempt to develop the role of each activity in the general scheme of learning.

EDUCATION

From the formative years of a child (which starts at about five years of age), youths are subjected to formal instruction in communication, mathematics, history, social sciences, natural and physical sciences, interpersonal communication, etc. Upon successfully completing secondary education, the student should have received the basic knowledge and skills needed to select a lifetime career. Upon selecting this career, the individual usually enters the realm of education or training to acquire the specialized knowledge or skills/proficiencies or both that are required for this pursuit.

Today (2006), there are three formal approaches to completing formal education for the surveyor. These are: (1) formal education; (2) training; and (3) professional development. Upon satisfactory completion of academic studies, the student is awarded a baccalaureate degree (representing four years of academic studies) or an associate degree (representing two years of academic studies). These academic programs produce baccalaureate degrees in science or associated professions, or associate and baccalaureate degrees in technology. The baccalaureate degree in science (for surveying) requires rigorous courses in mathematics and physical sciences. The generally accepted academic profile is about ten percent in communication courses; a minimum of ten percent in physical science courses; a minimum of a sequence of mathematics courses through statistics and two semesters of calculus; and about fifteen percent in courses in social sciences, arts, humanities, and history. The remainder of the academic program includes

(Continued on Page 15)

-GOT MANUALS?

(Continued from Page 12)

what is the maximum value of the residual (all residuals being of equal numerical value) for the desired standard deviation (compute to six decimal places)?

E-mail your answers sjabell@tribcsp.com or mail them to the editor at: Lines & Points - P. O. Box 261, Worland, WY 82401-0261



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Thank You Bill Stengel

The Southeast chapter of PLSW and the Public Relations Committee of PLSW has been working on a project. We would like to show our appreciation to Mr. Bill Stengel for his donation of the C.W. Atherly Transit and other survey instruments to the Wyoming State Museum. We believe that this unselfish act deserves some sort of recognition or an award of some sort. Mr. Stengel could have sold this transit and equipment for a profit, but he decided that the instrument should be returned to the State of Wyoming because it is a piece of Wyoming's history.

Clyde W. Atherly was one of the first Licensed Professional Engineers in the State of Wyoming, passing the examination in 1907, the first year that the exam was given. He was the Last Surveyor General for the State of Wyoming and he was a member of the Wyoming Board of Examining Engineers for many years. He was the President of Wyoming Engineering Society in 1928 and was the Big Horn County Surveyor between 1908 and 1915. Clyde also went into private practice after his retirement from the G.L.O.

-BOD Minutes

(Continued from Page 6)

policy of sharing member's names and contact information was presented. No action was taken.

1) Website link for "2007 April Board Minutes" should be labeled "2007 WESTFED April Board Minutes."

13) New Business:

a) New member applications were presented. Cevin Imus moved to accept the six new members, seconded by Michael Flaim, motion carried.

i) Steve Granger

ii) Robert A. Reiling

iii) Issac Zent

iv) Thomas M. Stockslager

v) Jay Wittstock

vi) Kevin M. Anderson

b) Discussion took place about complimentary membership for first time licensees in Wyoming. No action was taken.

c) Laramie Valley Chapter presented a petition. The petition was presented without being previously circulated, so it was tabled until the next Board of Director's meeting.

16) Announcements:

a) Next meeting: Teleconference on 10 May 2008 at 8:00 a.m.

17) Adjournment: President Jones adjourned the meeting at 6:02 p.m.

The Public Relations Committee has decided to draft an award and have the President of PLSW, The State Engineer, Chairman of the State Board of Examining Engineers and Land Surveyors, the Surveyors, the President of the Wyoming Engineering Society, The B.L.M. Wyoming State Cadastral Surveyor, The Wyoming State Museum and any other persons that wish to thank Mr. Bill Stengel for his thoughtful gift by returning this valuable piece of history to the State of Wyoming. Mr. Dennis Dawson and I are attempting to draft an appropriate thank you and when it is signed and sealed, we shall take this down to Colorado and personally present this to Bill. If any of the members or other interested parties would like to become involved, please contact me at the following address: PLSW SE Chapter c/o Larry T. Perry L.S. 1127 Terry Ranch Road Cheyenne, Wyoming 82007 Tel: (307) 634- 9360 E Mail: arpentator@yahoo.com Fax: (307) Fax: 307-772-3417 We do not want this to be a big fancy formal affair, but were thinking along the lines of presenting this to him at a Colorado Land Surveyors Chapter meeting. Maybe several of us could arrange to have this done and attend their meeting.

Did you know?

In the early 1850s, Henry David Thoreau's facility as a land surveyor became widely known and he supported himself by surveying through the 50s. Thoreau published two books in his lifetime and often gave lectures, but these were never profitable enough for him to give up his surveying. He saw surveying as an opportunity to pursue his real interest: observing the natural world around him. "Surveying," he writes in the Journal, "seems a noble employment which brings you within hearing of [the birds]" (29 April 1856).

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U. W. GPS SURVEY CONTROL NETWORK EARNs WYOMING ENGINEERING SOCIETY PROJECT OF THE YEAR AWARD

(Laramie, WY), Coffey Engineering and Surveying, LLC (CES) has earned the President's Project of the Year Award from the Wyoming Engineering Society for creating and establishing data for a GPS Survey Control Network for the University of Wyoming (UW). CES is based in Laramie, Wyoming and has been in business over fifty years providing consulting land surveying, civil engineering, Quality Control and materials testing, mine safety training, and GIS services.

The University of Wyoming, established in 1886, has continually expanded and remodeled its facilities and infrastructure to meet the needs of its faculty, staff and students. As modifications are initiated, each project has been considered an individual area and has never been concerned with its place in the entire campus. It has become extremely important over time, regarding the tasks of adding on to facilities, building new ones, or creating an environment conducive to higher education, to know how these "areas" fit together with each other. The control network does just that; it provides a very accurate basis on which to locate all existing and future development, so that the details of how these areas are served by utilities, how drainage water is handled, and even as simply as how much room is available for improvements can be accomplished.

A network of 42 monuments, set in concrete, was established across the entirety of the UW campus and Trustee-owned property. Two of these monuments, one in Prexy's Pasture and one near the soccer fields on Armory Road, may soon be part of the National Geodetic Control Network established by the NGS (National Geodetic Survey), and will be included as part of the U.S. horizontal and vertical system. The remainder of the monuments have published latitude, longitude, and ellipsoidal height, NAD83 U.S. State Plane Coordinates based on the Wyoming East Zone(4901) and local ground coordinates and elevations based on North American Vertical Datum of 1988 (NAVD88) which will be utilized to unify the UW GIS (Geographic Information System) database. The entirety of the improvements on UW property can be accurately and precisely located and be correctly spatially related. The newly established monuments can be utilized by private surveyors to assist in determining property boundaries on a National control system or datum. They can also be used by



Left to Right: Marc Hungerford, Mark Corbridge, Randy Pollock, Vance Hoyt, Dino Hagood, Josh Decker, Mark Rehwaldt, Ken Schramm, Nishel Pickerd.

UW students in the curriculum for the surveying classes to test their competence and train future surveyors.

The GPS technology (Global Positioning System) has been in use for decades, but infrequently in such a dense, highly accurate network with such a broad scope. All existing and future improvements, and the complex infrastructure of the campus can now be correlated together to provide valuable information for all maintenance, design and development issues that may arise.

In this age of ever-increasing costs for everything from real estate to maintenance, having all possible information available in a reliable and accurate database, to assist in all aspects of design, development, maintenance and demographic planning, is a cost-effective and useful tool. Having a survey control network capable of permitting such information to be compiled is essential and must be the first element. The network can easily be expanded to include the entire City of Laramie, Albany County, or the region. What has been accomplished is a solid, reliable base for improving the process of running a successful UW.

"The USDA-Forest Service, Rocky Mountain Region (Region 2), is planning to award several new Indefinite Delivery/Indefinite Quantity (IDIQ) contracts for Professional Cadastral Survey Services.

The contracts will be awarded for one base year and four option years. The solicitation will be open to qualified small business firms that are located in at least one of the five zones identified within the Region 2 area of Colorado, Wyoming, South Dakota, Nebraska and Kansas.

Architect-Engineering solicitation and award procedures (FAR Part 36) will be used. All solicitation information will be posted at the FedBizOpps.gov website. The solicitation is expected to be available June 08."

THE SOUTH DAKOTA SOCIETY OF PROFESSIONAL LAND SURVEYORS



SDSPLS INVITES YOU TO JOIN US FOR OUR 25TH ANNIVERSARY CELEBRATION

SATURDAY - SEPTEMBER 20, 2008 • MT. RUSHMORE NATIONAL MEMORIAL

We will be celebrating with a special tribute to the three surveying presidents, reviewing highlights of South Dakota surveying and taking a group photo.

The program will begin at 1:00 pm in the outdoor amphitheater and will conclude at 4:30 pm with the group photo (300+ Surveyors and One other Guy) on the viewing terrace.

A banquet will follow at 6:00 pm in the President's Dining Room at Mt. Rushmore. Registration for the banquet is separate from the program and seating is limited, so register early.

The outdoor amphitheater is a beautiful setting at the base of the monument. SD weather is generally temperate and in the 70's at this time of year but we recommend that you dress for possibly cooler temperatures and bring an umbrella, stadium seat or cushion for your comfort.

We hope that you can join us for this special event!

PLEASE COMPLETE THE FOLLOWING REGISTRATION INFORMATION:

RETURN BY SEPTEMBER 1, 2008 WITH YOUR CHECK PAYABLE TO:
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(non-refundable after September 6, 2008)

Got Manuals? Answer me this . . .

In doing some research, I came across this information and thought I would ask how many of you have these manuals, etc. in your personal library? Feel free to use it for reference when you solve the problems below:

- A current version of a hydraulic book covering: principles of water pressure and water flow in ditches and pipes
- A current version of: American Congress on Surveying and Mapping and The American Society of Civil Engineers Definitions of Surveying and Associated Terms;
- A current version of: Boundary Control and Legal Principles and Evidence and Procedures for Boundary Location;
- A current version of Basic Surveying and Boundaries [A treatise on the Law of Surveying and Boundaries];
- A current version of a book on Route Location and Design;
- A current version of a book on Surveying for Civil Engineers;
- A current version of a book on Wyoming Real Property Law
- A current version of a book on Understanding Your Professional Liability as a Land Surveyor;
- A current version of a book on Land Survey System -Basic State Coordinate Systems: A Manual for Surveyors;
- A current basic text on Global Positioning System;
- Scherbel, Paul N. - Scherbel on Surveying - A summary of Wyoming Statutes relating to surveying and other items of interest [1994. Box 4296, Big Piney-Marbleton, WY 83113];

- Wyoming State Engineers Office Manual of Regulations and Instructions for Filing Water Right Applications and Petitions [4th Floor, Herschler Building, Cheyenne, WY 82002 (Surface Water Division)];

- U. S. Dept. of the Interior, Bureau of Land Management Manual of Surveying Instructions - 1973. U. S. Restoration of Lost or Obliterated Corners & Subdivision of Sections [1974. U. S. Government Printing Office, Washington, DC 20000];

- Wattles, Gurdon H Writing Legal Descriptions in Conjunction with Survey Boundary Control; and

- Basic Photogrammetric.

Problems:

A contract deputy surveyor performed an 1862 survey. The field notes report the magnetic bearing of the survey line as N 89 o 16' E and a declination of 4 o 10' E. In 1998, the declination is 7 o 15' W. Compute the magnetic bearing for the survey line in 1998.

Answer the following questions.

a. If the standard deviation of an angle is $\pm 1.50''$ for 8 observations, compute $\sum v^2$ [sum of the square of the residuals] (compute to four decimal places).

b. if the standard deviation of the length is ± 0.015 feet and $\sum v^2$ equals 0.001125, how many observations were required (an integer).

c. If two (2) observations of a quantity are made, and the maximum value of σ is ± 0.250 , and all the residuals are equal,

(Continued on Page 14)

MINUTES OF MEETING of February 11, 2008, State Board of Registration for Professional Engineers and Land Surveyors 8:00 a.m., 6920 Yellowtail Dr Ste 100, Cheyenne WY 82002

OPEN MEETING ITEMS

BOARD MEMBERS PRESENT: David L. Whitman, Stanton J. Abell, Jr., Peter J. Hutchison, Scott R. Pierson, Roger L. Jacobson, John "Mike" Ballard.

BOARD MEMBERS ABSENT: Patrick T. Tyrrell
BOARD STAFF PRESENT: Christine Turk, Executive Director, Troy Niesen, Licensing Officer, Ken Nelson, Senior Assistant Attorney General, Bill Pilger, Assistant Attorney General. VISTORS PRESENT: Kelli Atkison, Steve Winders.

APPROVAL OF MINUTES: A motion was made by Scott R. Pierson, seconded by Peter J. Hutchison and carried to approve the November 19, 2007 Minutes with the corrections and amendment noted at the meeting.

APPROVAL OF TREASURER/BUDGET REPORT: Kelli Atkison and Steve Winders from the State Engineers Office, Fiscal Division were present to discuss the Treasurer/Budget Report. Ms. Atkison reported that the Board's budget is in good shape. Mr. Winders reported to the Board that State Auditor Rita Meyer rescinded the Accounting & Travel Policies & Procedures when she took office in 2007. The State Engineers Office has revised their Accounting & Travel Policies & Procedures to be in accordance with the State Auditor's Rules. A motion was made by Peter J. Hutchison, seconded by Scott R. Pierson to accept the Treasurer/Budget Report as distributed.

STATUS OF PROPOSED LEGISLATION: Roger L. Jacobson and Representative Peter Jorgensen met in Casper to go over the proposed legislation and resubmit to the Legislative Service Office. Roger L. Jacobson reported that the date of implementation of the education requirement was changed to July 1, 2015. Mr. Jacobson and Christine Turk were asked to draft a blanket statement that could be used to send to the legislators. Ken Nelson advised the Board about lobbying to legislators for the passage of the proposed legislative changes. Ken Nelson told the Board to stay away from urging of the passage of the proposed legislation. Mr. Nelson stated the Board should say it would be in the best interest of the Board and State to have the proposed legislation passed into law. Christine Turk asked Mr. Nelson if the Board could be present at the Legislative Committee Meetings. Mr. Nelson stated yes, the Board could be present to address any questions or concerns the Committee might have.

BOARD RATIFICATION OF EMERITUS AND ASSOCIATE MEMBERS OF NCEES: The Board submitted the names of Christine Turk, Ken Nelson, Bill Pilger and John Steadman to the NCEES to be either Emeritus or Associate Members. A motion was made by Stanton J. Abell, Jr. and seconded by Mike Ballard to approve the list of candidates that was submitted to NCEES.

WESTERN ZONE ATTENDANCE: The Western Zone Meeting will be held in Bismarck, North Dakota from May 15-17, 2008. The following Board Members will be attending: David L. Whitman, Stanton J. Abell, Jr., Roger L. Jacobson, Peter J. Hutchison Scott R. Pierson and Executive Director Christine Turk. Mike Ballard and Patrick T. Tyrrell will be unable to attend. Christine Turk will handle the meeting registration of the Western Zone Meeting, but everyone should make their own hotel

SCHEDULE OF NEXT BOARD MEETING: The next Board Meeting will be May 5, 2008 at 8:00 a.m., in Thermopolis, WY.

REVISION OF LAND SURVEYOR BOUNDARY QUESTIONNAIRE AND LAND SURVEYOR REFERENCE FORMS: Stanton J. Abell, Jr. and Scott R. Pierson have expressed a desire to look at revising the Boundary Questionnaire and Land Surveyor Reference forms. The question arose if the Board has the authority to require the Boundary Questionnaire. A motion was made Peter J. Hutchison, seconded by Stanton J. Abell, Jr. to table the discussion until the May Board Meeting.

APPLICATION REVIEW: A motion was made by Mike Ballard, seconded by Roger L. Jacobson and carried to approve sending out applications to be reviewed on a monthly basis and to give Christine Turk the authority to grant registration to those applicants that are approved by the Review Committee.

A motion was made by Peter J. Hutchison, seconded by Mike Ballard and carried to move into Executive Session to discuss disciplinary actions, application review and complaints.

DISCIPLINARY ACTIONS IN OTHER JURISDICTIONS & COMPLAINTS: A motion was made by Peter J. Hutchison, seconded by Roger L. Jacobson and carried to approve all recommendations made in regards to the disciplinary action taken in other jurisdictions, A motion was made by Scott R. Pierson, seconded by Mike Ballard and carried to approve all recommendations made in regards to the complaints which occurred in the Executive Session of the meeting.

Message from Dave Whitman, President

Wyoming State Board of Registration for Professional Engineers and Professional Land Surveyors

It's May again and another year has flown by. Your Wyoming Registration Board has been very busy over the past year with approvals of new licensees, dealing with the day-to-day questions that come from our licensees, disciplining those who don't abide by the rules of engineering and surveying (we really hate this part!), and, once again this year, working on new Wyoming Statutes that govern the Board and its actions. As I'm sure you know, the bill failed in the Senate Committee – primarily due to the proposed educational requirements for surveying licensure. The Board is going to work this summer on the legislation for introduction at the 2009 legislative Session. We certainly hope to arrive at an acceptable consensus on what the future educational requirements should be for both engineers and surveyors in order to get this important legislation passed.

I have enjoyed being your Board president for the past year, along with completing my second year as the NCEES Western Zone Vice President. Working at both the State and National level and evaluating the same issues at both levels has certainly been educational for me. While NCEES attempts to provide a framework for licensure of engineers and surveyors amongst the 70 licensing jurisdictions, the individual jurisdictions always have final control over their rules and regulations – which is how it should be. I'm looking forward to another year as your Board President. Please do not hesitate to contact me at whitman@uwyo.edu if you have any questions, concerns, or suggestions. They are

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The Scherbel Brand: A Short History

On page 4 of this month's issue you'll find an ad for Scherbel on Surveying. When Vickie and I started on the first issue, I insisted that we get a clearer logo for this ad

and went about making proper contacts to get this accomplished. Then I started doing a little research of my own and came across this interesting article about that logo.

SCHERBEL BRAND

Annette Scherbel
Priddis interviewing
Paul N. Scherbel - March
1991



Annette: This is an interview with Paul Scherbel. Would you please tell us about your brand?

Paul: It's very simple. When I came to Big Piney I was hoping to get into the ranching business and my ranch was going to be called the Saturday and Sunday Ranch. So I needed a brand to go with that. So the Double S (SS) evolved.

Annette: Now, could you tell us why you have retained your brand even though you aren't in the ranching business?

Paul: Oh, we still buy a few cows once in awhile and resell them. We buy them high and sell them low, like everybody else. But I also have it as a registered trademark and we brand our section corner stones that we set, with that brand. Also, it looks good on my stationery.

Annette: Now what are your plans in the future? Do you plan to keep it in the Family, and in the company, or . . .

Paul: Yes, we'll keep it in the company. It belongs to the Surveyor Scherbel, Ltd., and we use it on our stationery and as our trademark, registered trademark, so it is distinctive. The law says when you set a stone for a section corner, you mark it with a distinctive insignia so that it can be traced back to whoever set it. So that's what we do and we have several hundred stones set out in the county and in the area, with that brand on.

Annette: Now when you originally started this brand, were you the originator of it? Did you design it?

Paul: Yes, it was my design.

Annette: Okay. Do you have any other comments you would like to make about your brand?

Paul: Oh, if you live in the cow country you have to have a brand, everyone else does. So to keep up with the Joneses, you certainly want a brand.

Annette: Originally you mentioned that the brand stood for the Saturday and Sunday Ranch. Now, what does the Double S stand for? How do you use it?

Paul: We use it as Surveyor Scherbel. When we decided to incorporate, we chose a name so we could use that brand. So we have the Double S, connected, as our Surveyor Scherbel. It makes it a little distinctive insignia.

Save the Date

The American Congress on Surveying and Mapping (ASCM) and its member organizations, the American Association for Geodetic Surveying (AAGS), the Cartography and Geographic Information society (CaGIS), the Geographic and Land Information Society (GLIS), and the National Society of Professional Surveyors (NSPS, in partnership with the Montana Association of Land Surveyors (MARLS), the Utah Council of Land Surveyors (USLS) and the Western Federation of Professional Surveyors (WFPS) are sponsoring the A-M-U-W Conference & Exhibition in Salt Lake City, UT, February 20-23, 2009 at the Salt Palace Convention Center. The conference provides a significant opportunity for the reporting of research and application in surveying, geographic information science, cartography, geodesy, Geomatics and related disciplines. For more information, visit www.wfps.

If Dr. Seuss did Technical Writing

If a packet hits a pocket on a socket on a port, and the bus is interrupted as a very last resort, and the address of the memory makes your floppy disk abort, then the socket packet pocket has an error to report.

If your cursor finds a menu item followed by a dash, and the double clicking icon puts your window in the trash, and your data is corrupted 'cause the index doesn't hash, then your situation's hopeless and your system's gonna crash.

If the label on the cable on the table at your house, says the network is connected to the button on your mouse, but your packets want to tunnel on another protocol, that's repeatedly rejected by the printer down the hall, and your screen is all distorted by the side effects of gauss, so your icons in the window are as wavy as a souse, then you may as well reboot it and go out with a bang, 'cause as sure as I'm a poet, that sucker's gonna hang.

When the copy of your floppy's getting sloppy on the disk, and the microcode instructions cause unnecessary risk, and you have to flash your memory and you want to RAM your ROM, quickly turn off your computer and be sure to tell your mom.

Vickie Sue Hudson

May 28, 1949 - February 12, 2008

At her request, no funeral services were held for Vickie Sue Hudson, 58, who died of a heart attack at her residence in Thermopolis, and cremation has taken place. A tribute and memorial service will be held on her birthday this spring at Boysen Reservoir.

Vickie was born May 28, 1949, in Belleville, Illinois, the daughter of AG and Dorothy (Chaffin) Haynes. As a military dependent, she grew up in Europe and stateside; graduating from East High School in Cheyenne in 1967.



She married R.L. "Rick" Hudson on June 18, 1988, in Thermopolis.

Her diverse career began with the Union Pacific Railroad after high school. She served as a deputy during the mid to late 1970s with the Laramie County Sheriff's Office; and was the chief administrative assistant at Hamilton Dome Oil Field during the 1980s. In the mid 1990s she established Hudson, Inc., providing telephone answering and temporary employment services. Following that successful enterprise, she became office manager for Rick's business, R.L.

Hudson - Land Surveyor.

Vickie also served as a school board trustee for Hot Springs County School District No. 1 during the 1980s.

She was rebaptised as a Lutheran, and was a life-long Christian.

She enjoyed jigsaw puzzles, bridge, casino gambling, swimming, dancing, and watercolor painting; and had a love of dogs, especially "Tyson".

Her watercolor and poem "Bess's Tree" provide a pathway into her essence and zest for life. During the past 15 years came diagnosis and acceptance of her affliction, bipolar disorder. With medication and therapy she regained her role as a functioning and dependable member of society.

Vickie joined Rick at every Wyoming Engineering Society convention since 1986. This past year was devoted to effectively serving as co-editor of this publication, "Lines & Points", the quarterly magazine of the Professional Land Surveyors of Wyoming, for which she was honored at the annual state meeting held recently in Cheyenne.

She is survived by her husband, Rick; mother, Dorothy Haynes; son, J C James; brother, Alan Haynes, and life-long friend Bess Tarbuck, all of Cheyenne; uncles, Jessie Clyde Haynes and Sherman Hall Haynes, of Lineville, Alabama; and numerous nephews, nieces and cousins.

PLSW says Good-bye to Vickie Sue at her Memorial Service, May 28, 2008.

