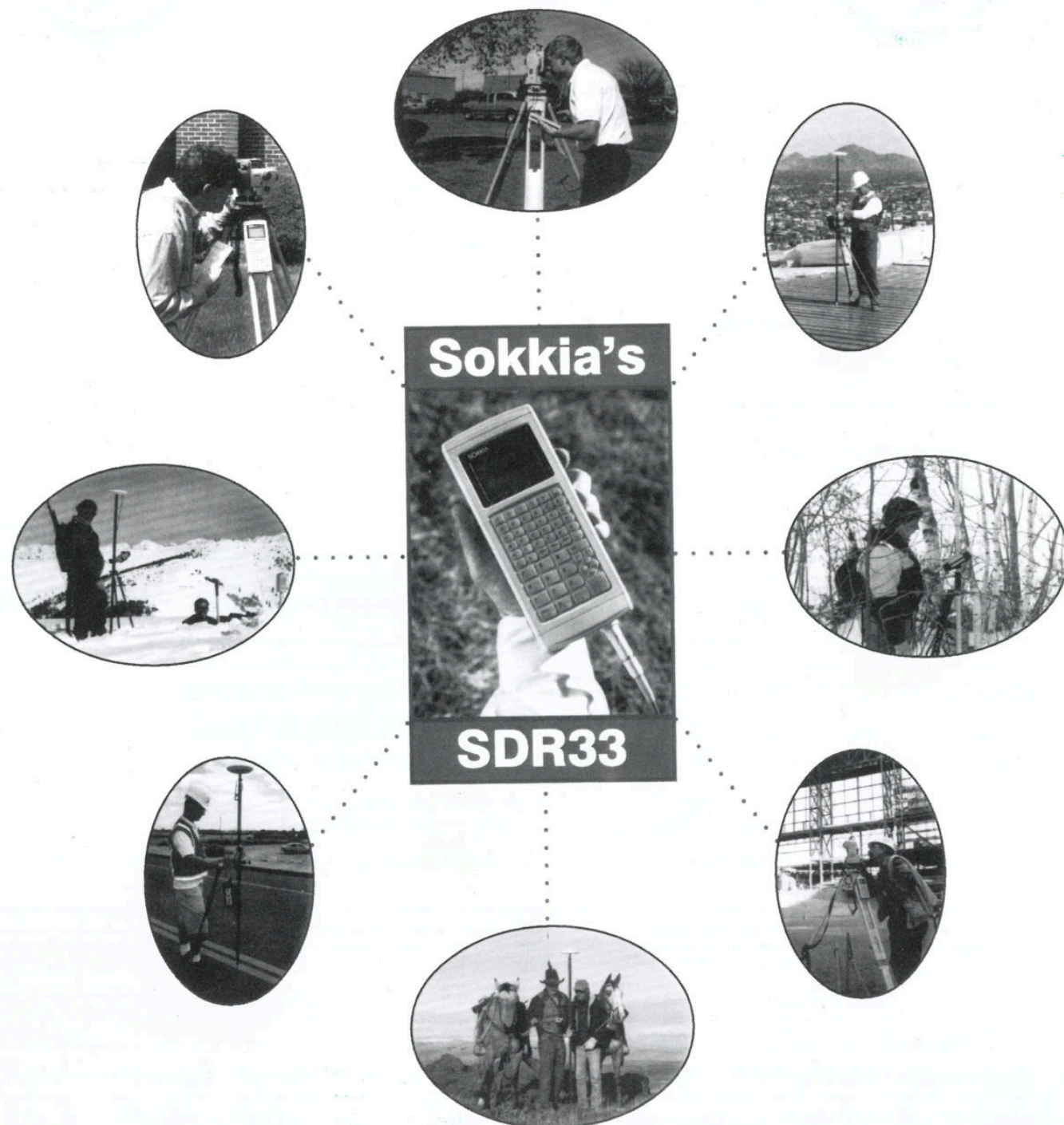


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1999 PLSW MEMBERSHIP APPLICATION PROFESSIONAL LAND SURVEYORS OF WYOMING

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



NAME _____ DATE _____

(Please indicate preferred mailing address)

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HOME ADDRESS: ☐

☐ PE/LS _____

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BUSINESS ADDRESS: ☐

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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.)

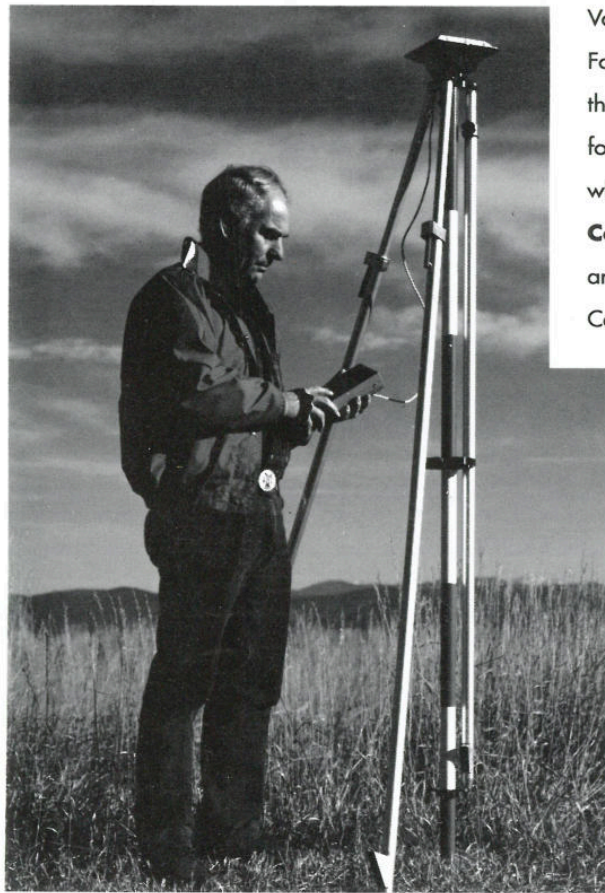
I AGREE TO OBSERVE THE CONSTITUTION AND BY-LAWS OF THE PROFESSIONAL LAND SURVEYORS OF WYOMING AND THE CHAPTER THEREOF TO WHICH I WILL BELONG AND TO SUPPORT SAID ORGANIZATIONS IN THEIR ENDEAVORS.

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 Herbert W. Stoughton, Sec./Treas., 2821 Carey Ave., Cheyenne, Wyoming 82001.

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VOLUME 11, NO. 2

JULY 1999



W.P.L.S.W.

PRESIDENT'S MESSAGE

QUARTERLY UPDATE - As of 12 June 1999

Your Board of Directors met on the 22nd of last month in Riverton and the meeting was well attended and productive. The minutes of that meeting are contained within this edition and I encourage all members to thoroughly read them.

The "business" of PLSW is conducted at our annual state, quarterly board and monthly chapter meetings. As such, I believe it is in your best interest as a member, to: 1) attend as many meetings as possible; 2) take an active role in the decision-making process; 3) participate in the programs and projects sponsored by PLSW, and; 4) share in the camaraderie that develops when we land surveyors gather to "talk shop" and "swap stories".

Individual member participation in chapter activities is essential to the overall well being of our organization. During periods of active chapter participation, PLSW has proven to be an authoritative and representative voice of the surveying profession throughout the state. Sadly, periods of lesser participation have resulted in apathetic attitudes and diminished effectiveness, both of which have historically been the bane of many such organizations. I say what we all know to be true; and not to offend but to inspire active chapter participation.

Population density and our famous "wide open spaces" dictate differences in the composition and configuration of chapters. This diversity calls upon our innovative talents to plan meetings which can be attended by most members without major inconvenience. Obviously no one time or place will ever be ideal for all- but alternatives such as Saturday meetings, barbecues and social events, "half way" locations and "car-pooling" can lessen the inconvenience. My own chapter once held a meeting at our EDM Calibration Baseline which was well-attended, productive and enjoyable. Since every chapter also functions as one or more PLSW committees, meetings can serve dual purposes; dispatch the chapter business then tear into the committee business. One hit - two runs scored.

PLSW participation in the HARN reobservation and densification project, being coordinated by Mike Londe, Geodesist with the Wyoming State Office of the BLM is progressing but in need of additional volunteers in several areas of the state; notably the Southwest, Central and Upper Platte Chapter regions. The level of our local "pro bono" assistance in this project will equate directly to the number of new stations established in each local area and this will most likely be the last opportunity to have an NGS sanctioned densification project of "statewide" extent. Those members who desire to assist and have not yet done so should contact your director, Mike or myself as soon as possible.

To each of you this summer I extend my best wishes for a safe, profitable and enjoyable surveying season. Research, measure, monument and document - we would'nt keep doing it if we didn't love it, would we.

REPRINTED MAP SOURCES OF SNAKE RIVER

SNAKE RIVER EXPEDITION - JAMES STEVENSON, DIRECTOR

The Northwest Chapter has reprinted, from an old (perhaps first printing) lithograph found in a cabin west of Cody, the map of the Hayden - Stevenson expedition and survey of Jackson Hole, Yellowstone National Park and surrounding vicinity. The map shows the campsites of the expedition, from July 12th, 1872, at Fort Hall, Idaho Territory, up the Snake River, into Yellowstone, and returning to Fort Hall on October 11th.

The reprint measures approximately 28 inches by 29 inches overall, black printing on white background, and is printed on heavy photographic paper.

The map is representative of the cartographic style of the time and uses shading to depict mountain ranges, water lining on lakes and artistic profiles of various ranges including the Tetons.

A 39-page excerpt from "Great Surveys of the American West", by Richard A. Bartlett, published by University of Oklahoma Press, is to be included with the map (reprint permission pending) and details the progress of the expedition.

THE CHAPTER IS OFFERING PRINTS TO PLSW MEMBERS AT THE INTRODUCTORY PRICE OF \$40 PER PRINT, POSTPAID.

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(vacant)

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By-Laws Committee

John I. Dolhw, Chairman

PLSW Southwest Chapter

Convention Committee

Troy T. Fields

PLSW Northeast Chapter

Education Committee & Publications

Joel T. Ebner, Chairman

History Committee

[PLSW Secretary/Treasurer]

Herbert W. Stoughton

Legislative Committee

John A. Stefl, Chairman

J. Harvey Copeland

David L. Vliem

Marlowe A. Scherbel

Kent E. Felderman

Manual of Professional Practice Committee

Donald W. Oakley, Chairman

PLSW Central Chapter

PLSW Northwest Chapter

PLSW Southwest Chapter

Membership Committee

[Secretary/Treasurer; Vice President; and member at large]

Herbert W. Stoughton, Chairman

Jeffrey B. Jones

Stanton J. Abell, Jr.

Newsletter - Lines & Points

John H. Hibsman, Jr., Co-editor

Don A. Davis, Co-editor

Steven J. Strang, Co-editor

Nominations & Elections Committee

Elections Teller

[Last three past presidents]

Chris D. Hamilton, Co-chairman

Peter J. Hutchison, Co-chairman

John P. Lee, Co-chairman

Robert L. St. Claire, Teller

PLSW Handbook (Distribution)

PLSW Secretary/Treasurer

Professional Awards Committee

[President and Vice President]

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Jeffrey B. Jones, Vice President

Public Relations & Publications Committee

Larry T. Perry, Chairman

PLSW Southwest Chapter

"Save Our Surveyors" Corner Recordation Committee

Jeffrey B. Jones, Chairman

PLSW Southeast Chapter

Scholarship Committee

Martin A. Pedersen, Chairman

PLSW Central Chapter

Standards, Ethics & Professional Practice Committee

Paul R. Campbell, Chairman

PLSW Northwest Chapter

Tri-Star Competition

Joel T. Ebner, Coordinator

Western Federation of Professional Surveyors

Paul A. Reid, Delegate

Big Sky 2000 [Ad-Hoc]

Kevin D. Jones, Chairman

1999 Wyoming Trig-Star

The 1999 Wyoming Trig-Star competition was concluded on Friday, May 7th. Pat Grady, a Sophomore a Campbell County High School in Gillette, completed the problem with a winning time of 6 minutes and 20 seconds. Pat was awarded \$50 from the Northeast Chapter and the CCHS winner and \$300 and a plaque as State Champion. Pat faced some stiff competition at CCHS since he had to compete against his older brother Tim who was the CCHS winner the two previous years.

Terry Quinn won the Math Teacher Excellence Award with a cash prize of \$300, given to the Trig-Star winner's teacher. Terry has been involved with the Trig-Star competition at CCHS for four years.

Trig-Star is an annual competition sponsored by the National Society of Professional Surveyors and local sponsors. The programs goal is to recognize and stimulate the beat students of trigonometry from among school districts across the United States.

As the Wyoming Trig-Star Pat in now eligible to compete for the National Trig-Star title and scholarship prizes of \$1000, \$500 and \$250. He will be taking the test to determine the national winner in June.



THOUGHTS TO GET YOU THROUGH ALMOST ANY CRISIS

- Indecision is the key to flexibility
- There is always one more son-of-a-gun than you counted on
- If you find something you like buy a lifetime supply, because they will stop making it.
- All things being equal, fat people use more soap.
- You can't tell which way the train was going by looking at the track.
- Be kind, everyone you meet is fighting a tough battle.
- There is absolutely no substitute for a genuine lack of preparation.
- By the time you make ends meet, they move the ends.
- Nostalgia isn't what it used to be.
- Sometimes too much to drink isn't enough.
- The facts, although interesting, are irrelevant.
- The careful application of terror is also a form of communication.
- Not one shred of evidence exists in favor of an idea that life is serious.
- Someone who thinks logically is a nice contrast to the real world.
- Things are more like they are today than they ever have been before.
- The other line always moves faster until you get in it.
- Anything worth fighting for is worth fighting dirty for.
- Everything should be made as simple as possible, but not simpler.
- Friends may come and go, but enemies accumulate.
- It's hard to be nostalgic when you can't remember anything.
- I have seen the truth and it makes no sense.
- Suicide is the most sincere form of self-criticism.
- If you think there is good in everybody, you haven't met everybody.
- If you can smile when things go wrong. You have someone in mind to blame.
- One seventh of your life is spent on Monday.
- The more you run over a dead cat, the flatter it gets.
- Experience is the ability to recognize a mistake when you make it again.

Reprinted from the North Dakotas' THE 49TH PARALLEL, May 1993



1999 Fall Tech Session News

To: PLSW Board of Directors
From: Joel Ebner

I would like to submit, for your review, the proposed schedule of events for the 1999 Fall Technical Session.

1. Location: Parkway Plaza, Casper, Wyoming
2. Date & Time: Thursday, November 11, 8:00 - 12:00 and 1:00 - 5:00, Friday, November 12, 8:00 - 12:00
3. Speaker: Knud Hermansen, LS, PE, PhD, Esq.

Knud is an attorney, professional engineer, and professional land surveyor licensed in several states. His education includes a Ph.D in Civil Engineering from Pennsylvania State University and a J.D.(Doctorate in Law) from West Virginia University. Currently, Knud is an Associate Professor at the University of Maine and operates a consulting firm offering surveying, engineering and legal services. Professional membership includes the National Lawyers Association, American Congress on Surveying and Mapping, American Society of Civil Engineers and several state survey societies and bar associations. He is an author or co-author of the books titled: Boundary Principles and Procedures for Pennsylvania, Handbook of Annotated Forms for the Surveying Practice and several other documents.

4. Subjects: Thurs. - Surveying Management & Liability. Fri. - Monuments & Lines of possession

5. Fees: \$1,800 plus expenses (airfare & lodging)

Knud has also offered to present a session for surveying technicians on Friday afternoon for no additional charge. This session, titled Retracement Survey - A to Z, would be four hours in length.

We would like the Boards input on this matter. We hate to turn down something that is offered for free but we're not sure if there is enough technicians around the state that would attend to make it worthwhile. If you feel it is worthwhile we will include it on the agenda. Since it is meant for technicians we don't feel we should charge a fee or award PDH's for attendance. On the advertising flyer we would make it clear that no certificate of attendance or PDH's would be awarded. This session would also conflict with our board meeting if we schedule it at 1:00 pm on Friday, as it was last year.

We are also planning several other changes. We are going to charge \$10 extra for same-day registrations and possibly have a breakfast buffet on Friday morning. Both of these ideas came from feedback from past years tech. session. We will again include a lunch at noon on Thursday and a social gathering Thursday evening.

Please let us know what you think about the Friday afternoon session or if you have any other concerns with the arrangements that are being made.

Sincerely, Joel Ebner

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EDITORIAL POTPOURRI

O NEW MEMBERS OF PLSW - At the May meeting of the Board of directors, the following new members were approved.

Michael Zancella	Pinedale, WY
Curtis Clabaugh	Cheyenne, WY
John Sayers	Cheyenne, WY
David Sports	Cheyenne, WY
Arthur Durant	Casper, WY
Maynard Johnson	Casper, WY
Michael DeDecker	Loveland, CO
Charles Madler	Glendive, MT
Paul Voge	Duluth, MN

Congratulations and welcome.

O PLSW BOARD MEETINGS - The 1999 schedule of Board meetings is as follows:

28 AUG 99	Cheyenne, WY
NOV 99	Casper, WY Parkway Plaza

All members are welcome. Contact your Director for the time and place.

O Lines & Points FAX - Our fax numbers are 307-235-5604 or 307-235-8184.

O Lines & Points E-MAIL - Contact www.dond@trib.com.

O BIG SKY 2000 CONVENTION - The Big Sky 2000 Surveyors Convention (Joint State) will be in April 2000 in Bozeman. More information will be provided in subsequent issues. Plan now to attend.

Need a map? Check the Net

WASHINGTON – For the first time, 26 maps from the world's biggest collection went on the Internet on Monday from the Library of Congress, which has another 4.5 million to go.

More maps will be added every day, said Ralph E. Ehrenberg, chief of the library's geography and map section. By October, the number is due to rise to 1,200.

The web site is at <http://www.loc.gov/> – go the American Memory Collections.

**Front Cover Artwork
by
Rav Blaha, Casper, WY**

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PLSW (Professional Land Surveyors of Wyoming) is a statewide organization of Registered Land Surveyors licensed to practice in the Equality State of Wyoming. PLSW is dedicated to improving the technical, legal, and business aspects of surveying in the State of Wyoming. PLSW is affiliated with the American Congress on Surveying and Mapping and the Western Federation of Professional Land Surveyors.

Editorial Staff: John Hibsman, Steve Strang, Don Davis.

Lines and Points subscription \$50/year

Advertising Information

Camera ready advertisements with payment should be mailed to *Lines & Points*, PLSW, Box 904, Casper, WY 82602

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Full page	\$300	\$80
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Deadline for next issue — 15 SEPTEMBER 1999

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DRAFT
Professional Land Surveyors of Wyoming
Board of Directors Meeting Minutes, 22 May 1999

1. The Board of Directors' Meeting of the Professional Land Surveyors of Wyoming.
 - a. **Location:** Riverton, Wyoming, *Sundowner Station*.
 - b. **Date & Time:** Saturday, 22 May 1999 at 10:30 a.m., M.D.T.
 - c. **Presiding Officer:** Mr. Rick L. Hudson, P.L.S., President.
2. **Agenda:** The final agenda is appended. [Appendix A]
3. **B.O.D. Minutes:** Motion was made by K.D. Jones/S.D. Dawson to approve the corrected minutes [eight typographical errors] of the Board of Directors' meeting of Approved. [Appendix B] at Gillette.
4. **Annual Meeting Minutes:** Motion was made by S.D. Dawson/J.B. Jones to recommend to the general membership approval of the 1999 Annual Meeting Minutes as printed. Approved.
5. **President's Report:**
 - a. President Hudson attended the last meeting of the SBRPEPLS (15 March). The issues of importance to the members were: The reduction of the renewal fee for "retired" registrants to \$40.00, and the revision of the take home portion of the PLS examination policy. Examinees have only two opportunities to apply for extensions after initial receipt of the examination. If the examination is not submitted in the specified period (including the two extensions), the applicant must resubmit a complete application for land surveying registration. [Appendix C]

b. Committee assignments are the same as last year, and have been published in the 1999 PLSW Directory. One change has taken place. The Upper Platte Chapter has been assigned the duty to serve as committee members to Mr. Martin A. Pedersen on the PLSW Scholarship Committee.

6. **Secretary's Report:** The 1999 PLSW Directory of Officers, Chapter Officers, General Membership, and Committee Chairmen and the update to the PLSW History have been printed and mailed to all members whose 1999 dues have been received.

7. **Treasurer's Report:** The financial reports were presented.

a. Income (all sources including shares of stock): \$3,016.98. [Appendix D]

b. Checking Account: balance as of 14 May 1999: \$22,678.13. [Appendix E]

c. A draft P.L. S. W. Investment Policy was reviewed and modified. Motion was made by S.D. Dawson/L. A. Forbes for the Treasurer to contact a financial counselor for review of the draft document, and discuss implementation. Passed. It was recommended that the counselor attend the August B.O.D. meeting in Cheyenne. [Appendix F]

8. **Committee Reports:**

a. **Audit-Finance Committee** - report is submitted at the Annual Meeting.

b. **Bylaws Committee** - no report was received.

c. **Convention Committee** - Mr. Abell reported that the technical sessions were being planned and that a WES organizational meeting would take place shortly.

d. **Education Committee** - Mr. Ebner reported that the 1999 *Fall Technical Session* would feature Dr. Knud Hermansen, P.E., L.S., Esq. The Thursday session (all day) would be "Surveying Management & Liability". The Friday morning session would be "Monuments and Lines of Possession". The location is the *Parkway Plaza*, Casper; November 11 and 12, 1999. [Appendix G]. Motion was made by J.B. Jones/K.D. Jones that the following fees be charged:

Members: \$100.00 (before 1 November); \$125.00 (after 1 November)

Affiliate Members (all grades) \$50.00 (before 1 November);

\$75.00 (after 1 November)

Nonmembers: \$175.00 (before 1 November); \$200.00 (after 1 November) A recommendation submitted after the 1998 *Fall Technical Session* was to investigate the purchase of a portable microphone/audio system for the speakers. It was also emphasized that there would be no *Fall Technical Session* in 2000 as *Big Sky 2000* was scheduled to replace it.

e. **History Committee** - the update of pages Table of Contents, 1&2, 9&10, 25&26, 2-3, and 3-1 and new page 27 have been printed and circulated.

f. **Legislative Committee** - no report was received.

g. **Lines & Points** - no report was received.

(Continued on Page 8)

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Wyoming
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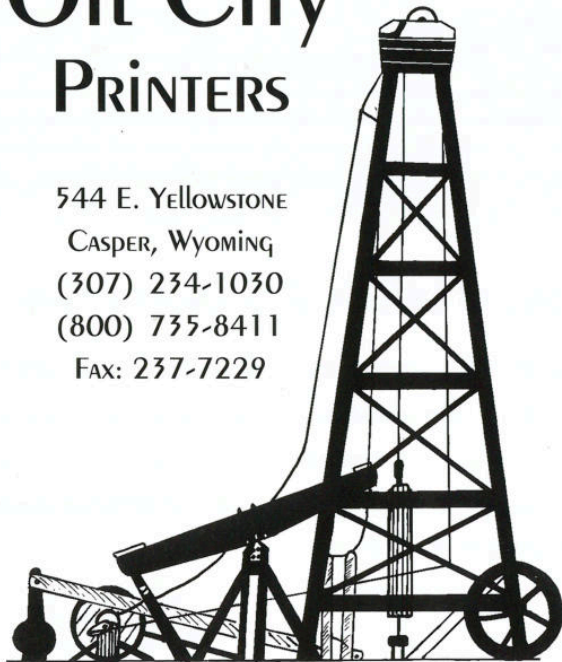
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-BOD MEETING

(Continued from Page 7)

Director for circulation to chapter members with dual frequency receivers. The work requires three-five and one-half hour observing sessions at each station. Interested persons should contact Mr. Londe at BLM [(307) 775-6209 or email mike_londe@blm.gov].

b. The Southeast Chapter indicated an interest in selecting the late Malcolm Martin and the late Lucky Baldwin to the position of PLSW Honorary Membership. It was indicated that in general Honorary Members were still living at the time of their election and were being honored for their efforts for the profession and PLSW. It was suggested that the possibility of a "Surveyors Hall of Fame" might be instituted for such individuals. Also, PLSW has a policy for the selection of Honorary Members.

c. The Southeast Chapter suggested a program to form student chapters. It was requested that the chapters comment upon this matter at the next meeting.

12. Announcements:

a. Richard Greenwood is the chairman of an ad hoc committee to discuss with the SBRPEPLS the relationship of GIS and Land Surveying.

b. John Steil has been elected to the ACSM/NSPS Foundation Board.

c. Becky J. Braman was elected ACSM/NSPS Area 7 Director. President Hudson requested persons interested in being the ACSM/NSPS Wyoming Governor to replace Becky contact him.

d. Michael S. Hansen (Steil Surveying Services) and Michael Flaim (Cornerstone Surveying) won ACSM/NSPS Map/Plat Design Competition first place awards.

e. Secretary/Treasurer Herbert W. Stoughton received the *Walter S. Dix Award* "in recognition of an individual who represents and embodies the outstanding contribution to ACSM and the surveying and mapping profession" and the *Earle J. Fennell Award* "for outstanding contribution to surveying and mapping education."

13. **Next Board of Directors Meeting:** The next meeting will be Saturday, 28 August 1999 at Cheyenne, Wyoming. Details

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will be announced later.

14. **Adjournment:** The meeting was adjourned at 3:05 p.m., M.D. T.

Respectively submitted,
Herbert W. Stoughton
Secretary/Treasurer

DRAFT

P.L.S.W. Investment Policy

Section 1. The name of the investor shall be the Professional Land Surveyors of Wyoming, Inc., a nonprofit corporation incorporated in the State of Wyoming, hereafter referred to as PLSW.

Section 2. The purposes of this investment policy is to promote educational activities in the field of land surveying and its associated disciplines of Geographic Information Systems (GIS), Land Information Systems (LIS), geodesy, cartography, engineering surveying, cadastral surveying, and mapping. Specific purposes are:

a. To have the funds of PLSW safely invested and to provide additional funds;

b. To promote education, study, and research in the field of land surveying and diffusion of knowledge thereof;

c. To provide scholarships, awards, or other support to qualified students of surveying; and

d. To conduct and support educational programs, lectures, forums, or seminars in land surveying and related subjects.

Section 3. The general affairs of the investments of PLSW shall be under the oversight of the PLSW Board of Directors. The executive officers (President, Vice-President, Secretary/Treasurer, and Immediate Past President) and at least one PLSW Member appointed by the PLSW Board of Directors shall have the day-to-day oversight in conjunction with the services of a professional financial counselor as designated by the PLSW Board of Directors. The point of contact of the executive officers shall be the Secretary/Treasurer, who will distribute/communicate all correspondence received from the financial counselor and the investments. The Secretary/Treasurer shall have the authority to vote all proxy statements.

Section 4. The investment portfolio shall be in accordance with Federal and State statutes and regulations for nonprofit public corporations. A sum of monies equivalent to the previous calendar year's earnings shall be invested such that withdrawal for scholarships shall be without financial penalty to the portfolio.

Section 5. Disbursements from these investments shall not exceed the cash earnings for the previous calendar year.

Section 6. If there are no disbursements or the disbursements are less than the cash earnings received for the previous calendar year, those unspent funds shall be invested and may be considered for disbursement in succeeding years.

Section 7. The PLSW Scholarship Committee may request scholarship awards in excess of the previous year's earnings. In the event this occurs, the excess funding requested shall be paid from the general funds of PLSW approved by the PLSW Board of Directors.

(Continued on Page 9)

BLM NEWS

This letter is to inform you of official cadastral surveys in Wyoming that have been accepted on March 27, 1998, were officially filed and are now available in the Survey Records Office, Wyoming State Office, Bureau of Land Management, P.O. Box 1848, 5353 Yellowstone Rd., Cheyenne, WY 82003.

The accepted surveys are listed below by township, range, type of survey, meridian, and acceptance date.

Sixth Principal Meridian, Wyoming

Township and Range	Type of Survey	Meridian	Accepted
T. 40 N., R. 64W.	Dep. Res.	6 P.M.	3/01/1999
T. 42N., R. 64W.	Dep. Res.	6 P.M.	3/01/1999
T. 52N., R. 93W.	Dep. Res.	6 P.M.	3/01/1999
T. 27N., R. 112W.	Dep. Res.	6 P.M.	3/01/1999
T. 47N., R. 75W.	Dep. Res.	6 P.M.	3/23/1999
T. 25N., R. 110W.	Dep. Res.	6 P.M.	3/23/1999

As other surveys are completed, I will advise you of their acceptance. Please publish this letter in the next issue of *Lines and Points*.

Sincerely, John P. lee, Chief, Cadastral Survey Group

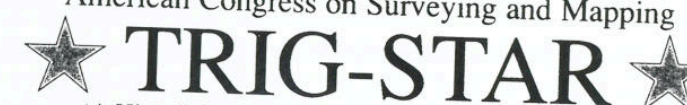


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A local sponsor is needed for each participating High School. Only one **TRIG-STAR** will be allowed per high school per year. The local sponsor must apply to NSPS on this application form and list the name of the High School where the contest will be held. A contest packet containing contest instructions, a test packet, an award plaque (if ordered), and a sample news release will be forwarded by NSPS to the local sponsor. The local sponsor will be responsible for making all the local arrangements. The winner will be eligible to compete in the NSPS National Trig Star Contest and contest information will be supplied with the contest packet.

High School Name (REQUIRED) _____

City and State (REQUIRED) _____

Local Sponsor _____

Mailing Address _____

Phone Number () _____ Fax Number () _____

Sponsorship fee: **\$30.00** (w/plaque), **\$25.00** (w/o plaque)

Enclosed is \$ _____ by: Check (payable to NSPS TRIG-STAR) OR

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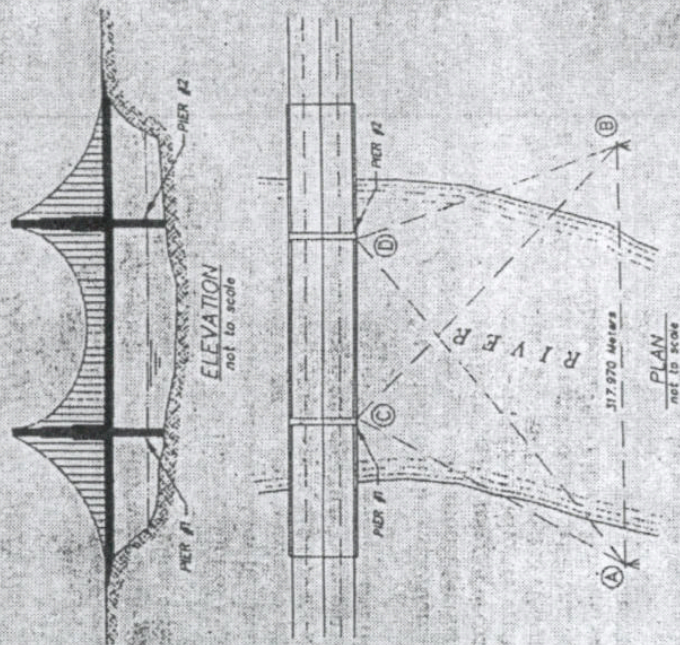
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A Priddis figures again

Page 4 • Big Piney Roundup • Thursday, May 20, 1999

YOU COULD WIN
Solve this Trig-Star problem & get a prize



PROBLEM:
A LAND SURVEYOR HAS BEEN HIRED TO MEASURE THE DISTANCE BETWEEN THE TWO PIER OF A BRIDGE SPANNING A RIVER. SINCE THE LAND SURVEYOR IS NOT ABLE TO DIRECTLY MEASURE THIS DISTANCE DUE TO SAFETY CONCERNS, THE LAND SURVEYOR SETS UP A SURVEYING INSTRUMENT AT POINTS A AND B AS SHOWN ON THE SKETCH AND MEASURES THE FOLLOWING:
Angle BAC = 60°09'02" Angle BDC = 74°00'00"
Angle CAD = 21°51'59" Angle CBD = 26°25'45"
AB (HORIZONTAL DISTANCE) = 317.970 METERS
FIND:
WHAT IS THE DISTANCE BETWEEN THE BRIDGE'S TWO PIERS TO THE NEAREST HUNDRETH OF A METERS? DISTANCE CD = _____ METERS (70 points)
Correct answers will be assessed for a drawing in three age divisions: In School, Graduate to 40 years, 40 years plus. Winners will receive a \$5 gift certificate from the Roundup.

For the third year in a row, a Priddis angled in to the Sublette County School District No. 9 Trig Star title when Big Piney High School sophomore Nathan Priddis came out on top in the recent local competition.

In addition to earning the local prize of \$100 and a plaque, Nathan's win gets him a spot at the upcoming State Trig-Star competition, where he could earn a ticket to the National Trig-Star competition.

With the win, Nathan follows his older brother and sister, Edmund, who won both the local and State titles last year, and Naomi who won the local title the year before.

The annual competition is sponsored by the National

al Society of Professional Surveyors and co-sponsored locally by Surveyor Scherbel Ltd. of Marbleton.

It involved the practical application of trigonometry, in which students solve several complex trigonometry problems incorporating the use of right triangle formulas and the laws of sines and cosines.

BPHS mathematics teacher Rick Costello, who administered the local test, seemed to get a chuckle out of Nathan knocking off last year's State champion, his own brother.

Costello said, "He beat out his older brother Edmund, who won it and won state last year... which means he's got a good chance this year."



Former star Edmund Priddis, Paul Scherbel, current star Nathan Priddis, math teacher Rick Costello. JIM CARBLEY PHOTO

-BOD MEETING

(Continued from Page 6)

h. **Manual of Professional Practice** - Mr. Oakley reported that work on the manual was progressing, and that the date for printing would probably be during the year 2000.

i. **Membership Committee** - motion was made by H.W. Stoughton/S.D. Dawson to accept the following applications for various membership categories: **Member:** Maynard Johnson; Charles Madler; Paul Voge; and Michael C. Zancanella; and **Associate Member:** Arthur P. Durant; John David Sayers; and David Sports. Motion approved.

j. **Nominations & Elections Committee** - no report was received.

k. **P.L.S.W. Handbook Committee** - The 1999 *Directory of Officers, Chapter Officers, General Membership, and Committee Chairman* and the update of the PLSW History of pages Table of Contents, 1&2, 9&10, 25&26, 2-3, and 3-1 and new page 27 have been printed and circulated..

l. **Professional Awards Committee** - President Hudson reported that a **certificate** for "Recognition of Service (Director, Vice-President, President, and Education Committee Chairman)" was presented to James D. Claflin, who had transferred to the New Mexico BLM State Office. President Hudson also presented a certificate of "Recognition of Service (Wyoming Governor to the ACSM/NSPS for Eight Years)" to Becky J. Braman.

m. **Public Relations Committee** - Mr. Perry presented a draft of the revised brochure. [Appendix H]

n. **S.O.S. Committee** - Mr. J. Jones expressed concern about the lack of submissions for the award. The Directors were requested to notify all the chapter membership about the program.

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It was recommended that persons who find a recorded corner record form which meets the program's criteria and was prepared by another land surveyor, submit the document for the contest.

o. **Scholarship Committee** - no report was received. The Upper Platte Chapter shall assist Chairman Pedersen.

p. **Standards, Ethics & Professional Practice Committee** - No complaints have been received.

q. **Trig-Star Committee** - The 1999 PLSW State Trig-Star winner was Pat Grady of the Campbell County High School. The instructor was Terry Quinn. The engraved trophy and the two \$300 checks have been sent to Joel T. Ebner for presentation. Mr. Paul Scherbel distributed a newspaper article published in the *Big Piney Roundup* on 20 May. [Appendix 1]

9. **Delegate Reports:**

a. **ACSM-NSPS Board of Governors** - report was published in the last issue of *Lines & Points*.

b. **West Fed** - report was published in the last issue of *Lines & Points*.

10. **Old Business:**

a. New Jersey P.L.S. G.I.S. video project - each chapter was assessed \$36.00 to pay fifty percent of the costs for receiving the film. The Central; South Central; Southwest; and Upper Platte Chapters have not paid their assessment.

b. PLSW Web page - the documents submitted were reviewed. The Directors were requested to review the matter with their chapters. The Committee was requested to provide a cost estimate for establishment and two year maintenance.

c. Michigan Surveying Museum - the PLSW is a regular member of the Michigan Surveying Museum. Membership was authorized at the 1999 Annual Meeting. Item closed.

d. Ad Hoc Committee regarding the PLSW Secretary/Treasurer position - The Nominations Committee had suggested possible separation of the two offices. The past three PLSW secretary/treasurers (B. J. Braman, R. L. Hudson and H. W. Stoughton) have been requested to investigate the matter and report to the Board of Directors. At this time the study is incomplete.

e. Code of Ethics - President Hudson stated that he presented the ACSM Code of Ethics adopted by the PLSW at the 1999 Annual Meeting to the SBRPEPLS. Item closed.

11. **New Business:**

a. Wyoming HARN Upgrade - Mr. M. Londe presented information concerning the proposed upgrade to take place in September 1999. He indicated that this would be an excellent opportunity for PLSW members to assist in the project by identifying, monumenting, and simultaneously observing along with the Federal Agencies. Handouts were provided to each

(Continued on Page 8)



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Letters

February 8, 1999
Board of Directors
Professional Land Surveyors of Wyoming
c/o Herbert W. Stoughton, Secretary / Treasurer 2821 Carey Avenue
Cheyenne, WY 82001

re: Web page

Dear Herb,

I have done some research into the cost of setting up and running a Web page for PLSW. Prices range from \$20 to \$30 dollars a month, with a \$50 to \$100 setup fee. A domain name (such as "PLSW.COM") costs \$35 a year with the first two years paid in advance.

A Web page is a good place to post static information such as membership lists, board minutes, meeting schedules, sections of the "Big Red Book", etc. However, a Web page is not the best way to disseminate information in a timely manner. A list server is an Internet tool that sends email to all members of the list. A list server might be useful to PLSW to get information to the membership that requires more immediate action such as legislative issues or Board of Directors agenda items. List servers also provide an interactive discussion forum.

I have done a little bit of research into the cost of a list server, the only price quote I received was \$25 a month with a \$50 setup fee, but it seems like a less expensive solution might be out there somewhere.

I am happy to help with setting up a Web page and/or a list server. I have setup a few pages in the past and it's really not as hard as it looks. Larry Perry, Bruce Hughes, John Lee, and Skylar Wilson have all volunteered their help.

Pleased to not hesitate to call me if you would like to discuss this further or if you have any questions.

Sincerely,
Richard W. Greenwood, PLS

April 13, 1999
Herb Stoughton, Sec/Treas. PLSW
2821 Carey Ave.
Cheyenne, WY 82001
Dear Herb,

Since my previous letter regarding a PLSW web site, Skylar Wilson has done a remarkable amount of work on the subject which I wanted to share with you and the board of directors. Skylar has researched what types of web pages other state professional societies have, and he has found some alternatives to the "full price" web hosting that I outline in my pervious letter. Sklyar has also assembled a preliminary PLSW web page which can be viewed at <http://w3.wyoming.coni/-skwilson/>.

I have enclosed a copy of Skylar's email to me regarding his research and a copy of the preliminary work he has done on a PLSW web page.

Sincerely,
Richard W. Greenwood

The National Society of Professional Surveyors Foundation, Inc. is a non-profit corporation whose mission is to promote educational, scientific and charitable activities in the field of surveying and mapping.

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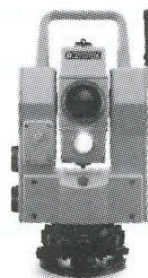
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–INVESTMENT

(Continued from Page 8)

Section 8. Donations and transfers of PLSW funds may be invested at any time.

Section 9. Scholarships shall be paid from the PLSW general account only after the funds have been transferred from the investments.

Section 10. An annual statement of the investments and earnings for the previous calendar year shall be published at the PLSW Annual Meeting.

Section 11. All donations, transfer of funds from the general funds of PLSW, and funds earned through fund raisers shall be invested, and shall not be considered earnings for the calendar year for the purpose of disbursements.

Section 12. Recipients of monies from these investments shall be residents of Wyoming.

Section 13. In the event that the PLSW shall be dissolved, the funds and investments shall be transferred to the control of the American Congress on Surveying and Mapping/National Society of Professional Surveyors Foundation (hereafter referred to as ACSM/NSPSF). The designated recipient, ACSM/NSPSF, is charged with the authority/responsibility stipulated in this policy of investment and disbursement to invest, reinvest and disburse the funds of the PLSW account.

Editor's Note: Comments should be made to your director.

HIGHWAY UPDATE

When Congress canceled the Federal Highway Administration's October 2000 deadline for the metrication of federally funded highway projects last year, it left the state highway departments in the position of implementing an unmandated measurement change. So far, seventeen of the 44 states with active highway metrication programs, under pressure from metric opponents, have decided to return to inch-pound measures (see back page), despite the fact that the transition has 'gone smoothly and in most states is nearly complete (see the Second and Third Quarter 1998 issues of this newsletter).

It will take several years until these states' backlogs of current metric projects are constructed, so Congress and the highway industry still have time to rectify the situation. With 94 percent of the world's population using the metric system and with most major U.S. industries partially or completely metricated, are we witnessing a great leap backward?

SURVEYOR ON MARS

The Mars Global Surveyor, launched by NASA in November 1996, finally began its mapping mission after a long descent into the Mars atmosphere. On March 31, scientists began deploying the Surveyor's high-power communications antenna. The antenna will allow simultaneous communications and control of the satellite. Data @mission will increase considerably, according to scientists at Cal Tech's Jet Propulsion Laboratory, manager of the project.

The Mars Global Surveyor is expected to send a nearly constant stream of observations from the Red Planet for the next

TRIP REPORT SBRPEPLS MEETING

I attended the State Board of Registration for Professional Engineers and Professional Land Surveyors meeting on March 15th, 1999, at Cheyenne, as the official representative of PLSW.

The meeting was held in the meeting room of the board office at 2424 Pioneer Avenue and began at 8:00 A.M.. All board members, except one, and the board attorney were present.

Of particular interest to our membership were the following items:

a) Regarding the "take-home" portion of the examination; the policy will now be that candidates will be allowed no more than two sixty-day extensions for completion of same, upon submission of request based on valid reason. If the work is not submitted within that period, the candidate will be required to make a complete reapplication.

b) The renewal fee for those registrants qualifying for "retired" status will now be reduced to \$40.

c) President Pedersen asked me, on behalf of PLSW, to furnish an ad hoc advisory group to address the issue raised by the California Board of Registration policy regarding GIS and LIS. Simply stated, that policy requires certain aspects of GIS and LIS work to be performed / supervised, and consequently certified to, by a P.L. S.; the mechanism used being to include such work within the statutory definition of land surveying. At the present time I am seeking volunteers for our "GIS - LIS Advisory Group" and hope to be able to submit a report to the SBRPEPLS by the end of the year.

d) Officers for 1999 remain the same as for 1998; Martin Pedersen, President and John Steadman, Vice President.

The public portion of the meeting concluded at approximately 3:15 P.M. at which time I departed after having delivered a copy of the ACSM "Code of Ethics" and memo to the staff for consideration at a future meeting.

The next meeting will again be in Cheyenne, on Friday, the 4th of June.

R. L. Hudson
President
PLSW

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