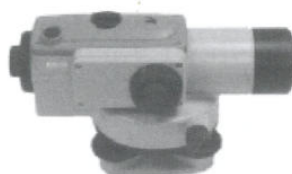


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VOLUME 13, NO. 4

JANUARY 2002



W.P.L.S.W.



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☐ APPROVED BY BOD ☐ REJECTED BY BOD SEC./TREAS. _____ DATE _____

2002 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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☐ PE/LS _____

STREET OR BOX: _____

CITY/STATE/ZIP: _____

TELEPHONE: _____

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./

Wyoming's Population Center Pinpointed by Census Bureau

Mr. Jeffrey Jones
Wyoming NSPS Governor
Professional Land Surveyors of Wyoming
2821 Carey Avenue
Cheyenne, Wyoming 82001

Dear Mr. Jones:

The U.S. Census Bureau recently completed the compilation and analysis of the 2000 decennial census data. From the data, the Center of Population of the United States and the State Population Centers (as well as the District of Columbia) have been computed.

The National Geodetic Survey (NGS) encourages the setting of a commemorative geodetic control monument at or near the computed location of each state's population center. This should be a cooperative effort between the individual state professional surveying associations; the American Congress on Surveying and Mapping (ACSM) member organizations, the National Society of Professional Surveyors (NSPS), and the American Association for Geodetic Surveying (AAGS); and NGS. This event provides an opportunity to showcase improvements in GPS technology, the adaptation of that technology by surveyors, and the ability to develop cooperative initiatives between the private sector, Federal, state, and local surveying and mapping professionals.

For this project, NGS has streamlined the process of adding information into the National Spatial Reference System (NSRS) by providing special guidelines. Under this arrangement, the local organizing group need only perform these observations necessary to ensure the Center Station achieves a positional accuracy

of 1-2 cm horizontally relative to the network of Continuously Operating Reference Stations (CORS) and/or High Accuracy Reference Network (HARN) stations. In addition, NGS will be happy to provide information on any nearby stations from our database (within a given radius) in order to facilitate planning the survey.

In the majority of cases, the Census coordinates will probably fall at a location that for a variety of reasons would not be a good location to establish a geodetic control point. A nearby location, suitable for GPS measurements and easily accessible to the public, should be chosen instead. This project should be viewed as both a technical and a media event to highlight the achievements of surveyors, geodesists, and geographers.

Organizing groups are encouraged to include media contacts as part of their activities.

For further information, please refer to the ACSM web site: <http://www.acsm.net/statecenters.html> and the NGS web site: <http://www.ngs.noaa.gov/INFO/2000Census/>

The NGS web site has a link at each State Population Center stating the NSPS governor as the contact point for this project. Please refer any questions or comments to Dave Doyle, NGS Senior Geodesist, who can be reached by e-mail (dave.doyle@noaa.gov) or by telephone (301-713-3178).

Thank you for your participation in this opportunity.

Sincerely,
Charles W. Challstrom
Director

EDITORIAL POTPOURRI

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

Michael Gronski	Member	Cheyenne, WY
David Hammond	Member	Laramie, WY
Marshall Lindeen	Member	Pueblo West, CO
Charles Wood	Member	Ft. Collins, CO
Jerry Greer	Associate	Gillette, WY
Mike Coleman	Associate	Gillette, WY
Charles Brinda	Associate	Cheyenne, WY
Dean Wilkerson	Associate	Lovell, WY
Bill Hare	Associate	Afton, WY
Edwin Lavino	Associate	Moran, WY
Travis Pearson	Associate	Lander, WY
Milbert Krohn	Special	Cheyenne, WY
Mike Whitmore	Special	Cheyenne, WY

Congratulations and welcome

O BOARD OF DIRECTORS MEETINGS - The next board meetings will be held at the 82nd Annual Convention of the Wyoming Engineering Society in Sheridan February 7-9, 2002.

Contact you director for time and place. All are welcome.

O 82nd ANNUAL CONVENTION - The annual Wyoming Engineering Society Convention will be held at the Holiday Inn in Sheridan, Wyoming from February 7th through February 9th, 2002. Plan to attend.

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

O Lines & Points E-MAIL - Contact dond@wlcwyo.com. or johnhh@trib.com.

O PLSW KEY RINGS - The South Central Chapter has key rings and pins for sale. Contact the South Central Chapter or *Lines & Points*.



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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

Advertising rates are as follows:

	Year	Issue
Full page	\$300	\$80
Half page	\$175	\$50
Quarter page	\$100	\$30
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TABLE OF CONTENTS

ARTICLE	PAGE
EDITORIAL POTPOURRI.....	3
BOD MEETING MINUTES	4
HUDSON 30TH YEAR	7
PRESIDENT'S MESSAGE	8
WFPS BOARD MINUTES	8
WES CONVENTION AGENDA.....	10
ACSM/NSPS BOARD REPORT	11
TRIG-STAR COMPETITION	12
TRIG-STAR WINNERS	16
WYOMING POPULATION	18

DRAFT
Professional Land Surveyors of Wyoming
Board of Directors Meeting Minutes, 7 December 2001

1. The Board of Directors' Meeting of the Professional Land Surveyors of Wyoming.
 - a. Location: Parkway Plaza, Casper; Wyoming
 - b. Date & Time: 7 December 2001; 12:30 M.S.T.
 - c. Presiding Officer: Mr. S. Dennis Dawson, President.
 2. Agenda: The final agenda is appended [Enclosure No. 1].
 3. B.O.D.Minutes:
 - a. Motion was made by Chilcott/Fehringer to approve the corrected minutes of the Board of Directors' meeting of 25 August 2001. Motion carried.
 4. Secretary's Report: Motion by Hatle/K. Jones to accept the report submitted. Motion carried.
 - a. A letter was sent to Chairman Dolinar, Bylaws Committee concerning the formation of the Western Chapter, as directed by the B.O.D. at the August meeting.
 - b. Attached to the agenda was the form to report the 2002 Chapter Officers for announcement at the Annual Meeting. The report is due in early January 2002.
 5. Treasurer's Report: The financial reports were distributed. Motion was made by to accept items 4.a and 4.b by J. Jones/Hatle. Motion carried.
 - a. Income
 - b. Checking Account activities
 - c. Quarterly investment statement from Dain-Rauscher.
- Secretary/Treasurer Stoughton circulated a report about investments received from Ms. Rosalyn Baker at a ninety minute meeting on Thursday, 6 December. A lengthy discussion ensued. The final consensus was that the investments should be divided 30-30-30-10: taxable fixed income: US equity: cash & equivalents. The 10 percent would be cash. The cash and equivalents for \$12,000 would be placed in four one-year C.D.'s of \$3,000. Each C.D. would mature each quarter. Lastly, Treasurer Stoughton was instructed to inform Ms. Baker that the investments in funds should be "blended" funds equally divided between small, medium, and large size. Motion by K. Jones/J. Jones that Treasurer Stoughton be instructed to relay the B.O.D. 's consensus. Motion carried
6. President's Report:
 - a. Corner coordinate data base. The Wyoming Department of Transportation was approached to serve as the host for the system. WYDOT declined. Additional investigations for finding

a hosting agency are being conducted.

b. The new statute concerning annexations was mentioned. It was stated that the expense for performing future annexations under the new law would rise considerably, because of the additional requirements.

c. A letter was received from the University of Wyoming Out-Reach Program. The UW staffers requested a meeting so that they could discuss the educational programs. Although the letter was addressed to the southeastern portion of the state, Dawson indicated that he thought similar letters would be received elsewhere in the state.

d. Dawson stated that he attended the third quarter meeting of the SBRPEPLS, but there was no unusual items/matters. The fourth quarter meeting will be Monday, 17 December.

e. Dawson announced that he had received an invitation from MARLS (Montana Associate of Registered Land Surveyors) to attend their 2002 annual meeting. He stated that he planned to attend.

f. There was a brief discussion about updating the WEB site.

g. The National Geodetic Survey, NOAA sent a letter to PLSW indicating the location of the population center of Wyoming based upon the 2000 Census. The South Central Chapter is researching the location, and will report at a future meeting.

7. Committee Reports:

a. Audit-Finance Committee - submitted at the Annual Meeting.

b. Bylaws Committee - At the August meeting, the PLSW Bylaws Committee was directed to review the petition concerning dividing the Central Chapter into the Central and West Chapters. The draft bylaw revision was reviewed. Also, the Bylaws Committee recommended that the designations of the PLSW chapters be changed from "Areas" to the names they current employ. Motion by J. Jones/Davis to accept the proposed bylaw revision and direct the Secretary/Treasurer to submit the matter to the PLSW membership on the 2001/2002 ballot. Motion unanimously passed.

c. Convention Committee - no report.

d. Education Committee - The 2001 Fall Technical Session was considered a success. There were 121 registrants; 7 no shows; net 114 attendees. The 2002 Fall Technical Session will be conducted 14 and 15 November 2001, Parkway Plaza; Casper.

e. History Committee - The update to the PLSW History has been published and circulated will the mailing to the general membership.

f. Legislative Committee - no report.

g. Lines & Points - no report, but some general comments concerning operations.

h. Manual of Professional Practice - no report.

i. Membership Committee - Motion was made by Stoughton/J. Jones to accept the following applications for various membership categories: Members: Michael I. Gronski, No. 9063; David G. Hammond, No. 2337; Marshall Lindeen, No. 6640;

(Continued on page 5)

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National Trig-Star Committee Selects Winners

RICHARD E. LOMAX NATIONAL TRIG-STAR SCHOLARSHIPS AND TEACHING EXCELLENCE AWARDS SELECTED

The National Trig-Star Committee has selected the winners of the Richard E. Lomax National Trig-Star Scholarships and Teaching Excellence Awards. We are pleased to announce the recipients of the 2001 Richard E. Lomax National Trig-Star Scholarship Awards.

The Trig-Star committee met on July 21, 2001 to determine the three top high school students from the examinations submitted by state winners across the nation. This year, twenty-six states and Puerto Rico participated in the national competition. The awards will be presented in a special ceremony at the NSPS Board of Governors meeting on Sunday, April 21, 2002 in Washington, DC during the American Congress on Surveying and Mapping (ACSM) annual conference.

A past president of NSPS, Richard Lomax was the driving force behind the elevation of the local Trig-Star program to the national level. In October 1994, Board action named this high school trigonometry skill award in his honor.

The Richard E. Lomax National Trig-Star Scholarships are awarded as follows:

1st: Matthew Hopkins, Mills Godwin High School, Richmond, Virginia

2nd: Taras A. Bouzakine, Portsmouth High School, Portsmouth, New Hampshire

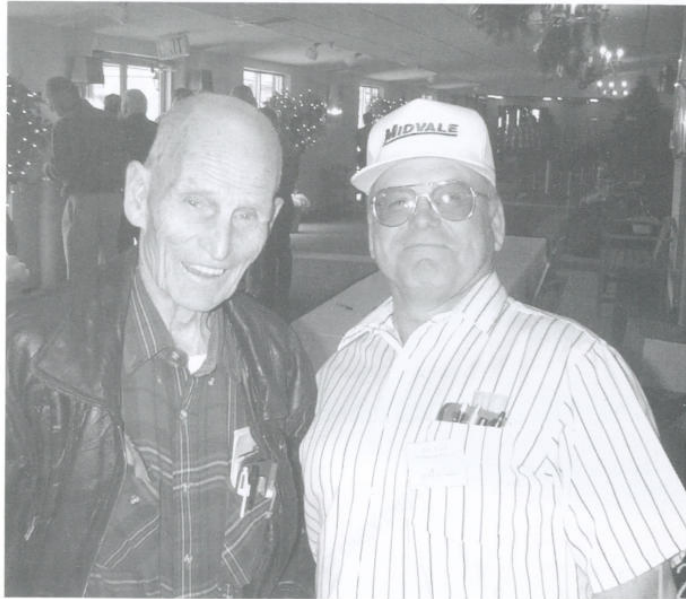
3rd: Carlos X. Soto Gonzales, Ramon Jose Davila High School, Coamo, Puerto Rico

The Richard E. Lomax National Teaching Excellence Awards are presented as follows:

1st: Barry Kreisa, Mills Godwin High School, Richmond, Virginia

2nd: Stan Lyford, Portsmouth High School, Portsmouth, New Hampshire

3rd: Jorge Ortiz, Ramon Jose Davila High School, Coamo, Puerto Rico



Lloyd Bake & Bruce Hughes enjoy a moment.

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-BOD DRAFT

(Continued from Page 4)

and Charles F. Wood, No. 598; Associate Member: Jerry Geer; J. Mike Coleman; Charles H. Brinda; Dean Wilkerson; Bill Hare; Edwin Lavino; and Travis D. Pearson; Special Member: Milbert Krohn and Mike Whitmore. Motion carried.

j. Nominations & Elections Committee - The committee reported that the candidates for office for the 2002-2003 period were the incumbents. President: S. Dennis Dawson; Vice President: Don A. Davis; and Secretary/Treasurer: Herbert W. Stoughton. Secretary/Treasurer Stoughton was directed to prepare a ballot which included the proposed bylaws revision.

k. P.L.S.W. Handbook: - no report.

l. Professional Awards Committee: - Report is submitted at the Annual Meeting.

m. Public Relations Committee: no report.

n. S.O.S. Committee - the annual competition will be conducted at the 2002 WES Annual Meeting, in Sheridan.

The ACSM Map/Plat competition was conducted at the 2001 Fall Tech Session. The winners are:

1. John D. Sayers; Color Presentation; "F.E. Warren W.C.A. Topo."

2. Carrie McClure; ALTA; "Total Store No. 4551."

3. Michael Flaim; Boundary; "U.S. Highway 26."

4. Michael Shane Hansen; Subdivision; "Legacy Ridge."

5. Michael Shane Hansen; Miscellaneous; "Preliminary Plat - Villages West."

6. Michael Flaim; Topographic Survey; "F.E. Warren Spill Site 7 Topo Survey."

o. Scholarship Committee - no report.

p. Standards, Ethics & Professional Practice Committee - The committee has received two complaints which they are reviewing to determine if either complaint should be forwarded to the SBRPEPLS.

q. Trig-Star Committee - The literature sent from ACSM headquarters was distributed. No action was required. At the ACSM Fall meeting, Jeffrey B. Jones donated one hundred dollars in the name of PLSW for the Trig Star Endowment Foundation. Motion by K. Jones/Davis for PLSW to reimburse Jones. Motion carried.

r. Allen W. Mace Memorial Raffle - President Dawson would contact Chris Hamilton

8. Delegate Reports:

a. ACSM-NSPS Board of Governors - Jeffrey Jones attended the fall 2001 meeting in Galveston, Texas. The report has been submitted to Lines & Points for publication in the next issue. Motion by K. Jones/Fehringer for Jeffrey B. Jones to be the ACSM/NSPS Governor from Wyoming.

b. WestFED - Paul Reid presented highlights of his last meeting, which is published in Lines & Points.

9. Old Business: The two items considered old business were addressed in the President's report and the Bylaws Committee report.

10. New Business:

a. The schedule of the Board of Directors' meetings for 2002 were finalized.

1. Sheridan; 7 February 2002; Holiday Inn; time to be announced at the Annual Meeting.

a.m. M.D.T.

3. Telephone conference call; 24 August 2002; time to be determined.

4. Casper; 15 November 2002; Parkway Plaza; 12:30 p.m. M.S.T.

b. 2002 PLSW Budget. The budget was presented by Treasurer Stoughton. Motion by K. Jones/J. Jones to recommend to the PLSW membership at the 2002 Annual Meeting to adopt the budget [Enclosure No. 5]. Motion carried.

c. Director Chilcott stated that there was a new map size (11" x 17") being used, which was not recognized in the statutes. The Southeast Chapter will provide more information for discussion.

11. Announcements:

a. President Dawson circulate a photograph of an original painting by the artist Dave Pauli titled Surveying the Gangplank. The original painting is 20" x 30" and is owned by Laramie County Title. It depicts a survey party under attack by Indians (1866 - 1867) [Enclosure No. 6]. Dawson requested the Directors query their constituency about a fund raiser with numbered signed prints. The colored, limited edition print would be 24 by 34 inches. Motion by J. Jones/Davis for the chapters to consider the proposal. Motion carried. The Directors were requested to respond by 15 January 2002.

b. 2002 Annual Meeting; Thursday, 7 February 2002; Sheridan Holiday Inn in conjunction with the 82nd WES Annual Meeting. The time of the meeting is 1:00 p.m. to 5:00 p.m. M.S.T.

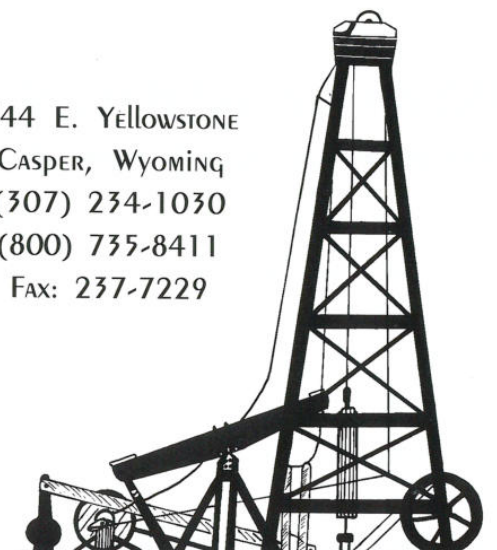
12. Adjournment: Meeting was adjourned at 15:30 hrs., M.S.T.

Respectfully submitted,

Herbert W. Stoughton, Secretary/Treasurer

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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
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Rick Hudson marks 30 years as surveyor

By Ron Philips

Reprinted from the Thermopolis
Independent Record, August 9, 2001

"It's the only way I've ever made a living," said local surveyor Rick Hudson, looking back on 30 years of precisely describing portions of the earth's surface.

Raised in Boulder Creek, CA, Hudson began learning his craft while he was still in high school.

"At that time it was more or less an apprentice profession," he said. "I've been doing it ever since I graduated. Even when I

was in the army, they made the rest of my company cooks, but not me."

Hudson relocated to Cheyenne in 1971. In 1974 he established a one-man operation, moving the business here in January 1980.

"I didn't like Cheyenne and there was a need for a surveyor here," he said.

Hudson noted surveyors

Rick Hudson uses traditional surveying equipment, computers and over 20 years of surveying experience in Hot Springs County to provide descriptions of land in the region.

often specialize. He prefers to do boundaries and water fights, avoiding oil leases and construction layouts.

Surveyors also specialize in specific regions. Becoming familiar with an area speeds their research in land titles and deeds.

"Hot Springs County has some unique qualities. Here we work with an original 1899 land office survey," he said.

Hudson much prefers being out in the field over being tied to a drafting table and computer or researching county records. But field work requires patience.

"The 1899 was a stone survey. They used local stones. So you're looking for a stone, like all the other stones on the hillside.

"It's amazing. I find a lot of original stuff."

Hudson related he found one site and was sure no one had been there since the stone cairn was built. He knew because after patiently searching the area he found the cairn. Over time, it had been buried under three feet of earth.

Hudson is one of only 200 surveyors in private practice in Wyoming. Fewer are joining the profession each year, and the required skills are becoming more complex.

Currently, 30 hours of specialized training are required.

"The nearest school is in Denver," said Hudson. "There are some courses at the University of Wyoming. In the next three to four years you'll need a bachelor's degree.

"Last year only two were registered in the state," he said.

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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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Name on Card _____ Signature _____

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PRESIDENT'S MESSAGE

As I write this, it's 10 days before Christmas, and I am basking in the glow of the aftermath of the fall technical session. I wanted to take this space to commend Joel Ebner with several at-a-boys for a job well done. Joel never takes any time in the limelight, but always has the job completed painlessly. I want to take this opportunity to say many thanks Joel for a job well done.

In a related vein, Kevin Jones has resigned as Director of the Northwest Chapter. We will miss Kevin on the Board of Directors. Kevin is a firebrand of sorts; he looks deeply into things, and has always had observations about very important things that I completely overlook. I have always found his opinions invaluable. Again, I want to say thank you for your service. I hope that you will serve PLSW again in the future.

As long as I am giving out thanks, I need to thank Dr. Herbert W Stoughton for his service to the organization. Dr Herb, among others, was instrumental in my joining PLSW. Additionally, Dr. Herb pushed me to get involved in various offices in the organization, which has led me to the office of the president. In my tenure in the various offices, I have observed Dr. Herb perform in his office as secretary/treasurer to the organization in a timely, accurate and dedicated fashion. His service has been invaluable to the PLSW and me. Thanks, Dr. Herb, for your work and friendship.

In a related matter, Dr. Herb was just notified that he was defeated for his run for the office of Secretary for the ACSM. My condolences for the loss. My congratulations for missing out on the work associated with the office.

By the time that you read this, it's likely that Christmas will be past and the New Year will have started. It's my hope and prayer for you all that this was a year of blessing and joy. I wish you all a belated Merry Christmas and Happy New Year!

See you at the WES convention in Sheridan!

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WFPS Board of Directors Meeting

On October 13, 2001, I attended the Board of Directors meeting of the Western Federation of Professional Surveyors (WFPS) in Reno, Nevada at John Ascuaga's Nugget. The meeting was well attended with all member states excluding Idaho being represented. The meeting was called to order at 8:00 a.m.

Newly installed Chairman Chuck Paddock gave a verbal report and added he would like to attend every member state organization's convention and briefly address the membership on WFPS.

Secretary Steve Parrish gave a verbal report on WFPS activities concerning ACSM, MAPPS and USGS. Curt Sumner, Executive Director of ACSM also submitted a written report to WFPS detailing ACSM's activities to date.

Treasurer Jerry Tippin submitted financial statements for the fiscal year ending August 31, 2001 and the current year through October 9, 2001. WFPS ended the year with assets of \$155,209.80 of which \$49,671.28 was from the Joint conference and \$10,084.12 was interest earned from the four CD's.

A letter from WFPS to UNLV was prepared and to be sent concerning the necessity and establishment of a 4 year degree program. Member state organizations are to report to Dorothy Calegari the dates of their state conventions or annual meetings so as to be posted on the WFPS website. A report was submitted on states that have not hosted or had a WFPS Board of Directors meeting or convention. Wyoming was designated in 2007 as either hosting a convention or BOD meeting with WFPS. Discussion was held and Montana and Wyoming expressed interest with possibly other states in hosting a convention in 2007. A possible western/cowboy/mining theme was tossed around and there seemed to be a lot of interest by the other member states of WFPS in having a convention of that nature.

Discussion was held on giving a contribution towards the New York City terrorist attack survivors. It was decided that WFPS will make a \$500 contribution and match other member states up to \$500 each towards an educational fund for the children survivors. It was decided that it would be researched to find a charity which best fits where we wanted the contribution to go.

Committee reports and reassignments were made with the most notable achievements and notes as follows:

Conference 2001 chairman Chuck Pearson submitted a written report on the 2001 Conference held in Las Vegas, Nevada. This was a joint conference sponsored by ACSM/CLSA/NALS and WFPS. The conference was an outstanding success and financially the most profitable to WFPS to date. The conference had a total of 85 exhibitors and 1997 registrants from all 50 states, the District of Columbia, Puerto Rico, and 11 foreign countries (Australia, Canada, Israel, Korea, Malaysia, Mexico, Nigeria, Saudi Arabia, Spain, Sweden, and Taiwan). The only negative report is that one of the exhibitors, Omni Optical based in Fullerton, CA stopped payment on their exhibitor fee. It appears they are going to be taken to small claims court. Discussion held by members of the Board of Directors also noted that the aforementioned company has snubbed other state societies in their payment of exhibitor's fees. (Think about this before you purchase your next set of prisms)

Conference committee chairman Mike Mickiewicz reported the 2003 WFPS/LSAW Conference will be Feb. 19-22, 2003 @

(Continued on Page 9)

2001 Fall Tech Session



-ACSM/NSPS BOARD OF GOVERNORS

(Continued from Page 11)

Governors (BOG) recommend to the NSPS Board of Directors (BOD) that they record in the minutes a roll call vote on all motions unless such motions are approved or defeated by an unanimous vote of the BOD. Passed.

- MOU between NSPS and the American Society of Civil Engineers, Geomatics Division — The Board of Governors request the NSPS Board of Directors approve the MOU between NSPS and the American Society of Civil Engineers, Geomatics Division, as amended.

Passed.

- Mortgage Company outsource of flood insurance evaluations — Whereas the definition of Land Surveying states that Land Surveyors are the experts in measuring and evaluating the land and our purpose is to protect the public good: Therefore

the NSPS Board of Governors opposes outsourcing of flood insurance evaluations to anyone other than Professional Land Surveyors; And the NSPS BOG requests the NSPS BOD issue a position statement to this effect to be forwarded to each individual State Affiliate. Passed.

- NSPS BOG and BOD Meetings — The BOG request the HOD to Direct the NSPS Restructure Committee to prepare a Proposal for joint meetings to be considered for adoption at the Spring 2002 meeting, to be implemented at the Fall 2002 meeting. Passed.

- Spring 2002 NSPS Surveying Student Competition — The NSPS BOG shall select two judges for the Spring 2002 NSPS Surveying Student Competition. Passed.

The next BOG meeting will be in April in Washington, D.C., to be held in conjunction with an international FIG Convention.

Respectfully Submitted.

Jeffrey R. Jones

Trig-Star High School Math Competition Beginning

Jeffrey Jones
Professional Land Surveyors of Wyoming
2821 Carey Ave.
Cheyenne, WY 82001
Dear Jeffrey:

I would like to invite PLSW to participate in the Trig-Star high school math competition program. In case you are not aware of Trig-Star, it was developed by NSPS to:

- Promote mathematical excellence among high school students;
- Honor high school students whom have demonstrated superior mathematical skills at the local, state, and national levels;
- Demonstrate the practical application of mathematics in the Geomatics profession to high school students;
- Build an awareness of Geomatics as a profession among high school students, career guidance counselors, and math teachers.

This program has been very successful with reaching students across the U.S.

In 2001, forty five state societies participated. Our state participation goal for 2002 is 100%!

To kick-start the Trig-Star program in the remaining five states, NSPS will provide those state societies with one complimentary Trig-Star package. If Professional Land Surveyors of Wyoming would like to participate in 2002, I will gladly send you the complimentary Trig-Star package and provide assistance in getting the program started in Wyoming.

Please take time to evaluate the Trig-Star program for Wyoming. For additional information, visit our Trig-Star web page (www.acsm.net/nsps/trigstar.html). If you have any questions, feel free to phone or email either of the following people: Gary Thompson, NSPS President, (919) 733-3836, gary.thompson@ncmail.net; John Chagnon, Trig-Star Coordinator, (603) 430-9282, ambit@cybertours.com; Trish Milburn, Trig-Star Administrator, (240) 632-9716, tmilburn@acsm.net.

Thank you for your consideration. Sincerely,

Gary Thompson, President, National Society of Professional Surveyors

Trig-Star Endowment Fund Created

A new Endowment Fund has been created to support the Trig-Star Program. It is called the NSPS Foundation Trig-Star Scholarship Endowment Fund. The Fund was established to provide stability for the Trig-Star scholarship awards and to increase the scholarship amount awarded as the fund grows. The principal of the fund will not be used for scholarships.

The Fund will be held by the NSPS Foundation in a separate account and interest only used for Trig-Star scholarship awards. The Trig-Star Committee will administer the fund and choose the awards based upon the Trig-Star competition. Fund donations are fully tax deductible for individuals, businesses, and corporations.

A generous \$5,000 donation from Larry Doss, of Doss Constructive Ideas, Inc., in Knoxville, Tennessee started the fund.

Larry has been a member of ACSM/NSPS since 1986 and was the Trig-Star Committee Chairman for three years. A sincere thank you is hereby extended to Larry for his concern and contributions to the program. Larry has also issued a challenge to the NSPS community that if each state will give \$100 to the Fund he will match that effort with another \$5000 donation!

Trig-Star can be a tremendous public relations event for the surveying and mapping profession. High school students, their parents, teachers and the public see first hand some of the work undertaken by surveying and mapping professionals, and the concern of the profession for rewarding academic achievement and teaching excellence.

With your assistance, Trig-Star can maximize the exposure of the surveying and mapping profession to the next generation and create a strong positive image of the profession.

Support is critical to ensuring the success of the Trig-Star program. Please consider a donation to the Fund.



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-WFPS BOD MEETING

(Continued from Page 8)

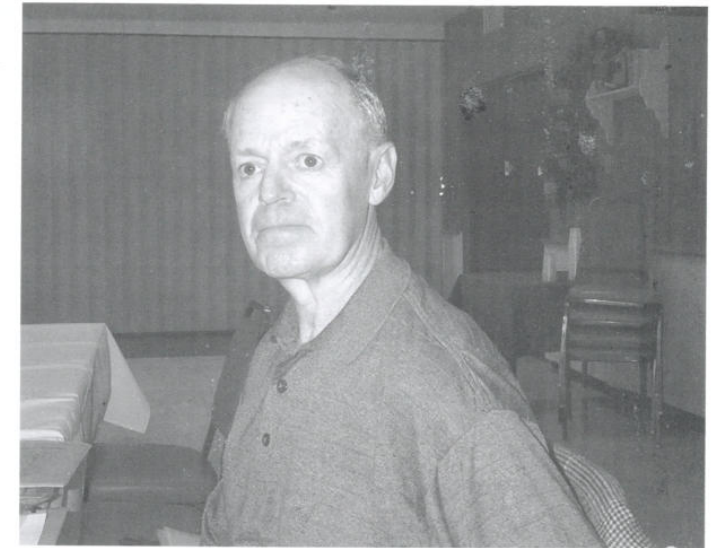
the SEATAC Hilton Inn in Seattle. More information can be found on their web site. A logo and theme was voted on by the Board of Directors from 2 logos and 9 themes submitted by the committee. The 2005 conference will again be with ACSMIWFPS/CLSA and NALS. Date and location to be announced.

The Education committee was combined with the NCEES Liaison committee. Committee chairman Dennis Findorff reported that there is quite a bit of activity by the Oregon society in establishing a foundation for web based educational programs in Civil Engineering tech programs that would have a few surveying courses.

Scholarship committee chairmen George Strother/Paul Reid reported that two scholarships were awarded for the 2001-2002 school year. For the 2002-2003 school year, the scholarship application and rules have been posted on the WFPS website and individual letters have been mailed to a surveying professor at each of the following colleges. Oregon Institute of Technology, University of Alaska Anchorage, California State University Fresno, Metropolitan State College of Denver, New Mexico State University and California State Polytechnic University at Pomona. Scholarship applications are listed as being due by December 16, 2001. They will be reviewed, graded and recommendations made at the February meeting. After discussion it was motioned and approved that the scholarship fund be raised to \$7,200 a year and to be awarded as recommended by the scholarship committee. The amount was increased to allow up to 6 scholarships a year and may be in varying amounts.

Members discussed WFPS the Past, Present, and Future. From the discussion it was decided that a poll would be developed for membership to give input on what members think WFPS should be doing, now and in the future. The possibility of a facilitator in assisting in the focus and vision of WFPS was discussed. Several member states stated it worked very well with their organizations and kept them in tune and on track with membership.

Tidbits from State Society reports include: Alaska society has been asked by their legislature to produce survey standards. It appears one of the members of the state legislature had a problem concerning an "as built survey". Arizona is working on standardizing plat sizes for recordation. Hawaii is busily preparing for its Annual State Surveying Conference, February 7 & 8, 2002. The WFPS Board of Directors meeting has been scheduled for Saturday, February 9, 2002 at the Radisson Prince Kuhio Hotel in Honolulu, Hawaii. Montana's annual conference and meeting will be February 28 - March 1, 2002 at the Billings Hotel and Convention Center. The theme is "A Surveyor's Footsteps - Past Present and Future". •Nevada Association of Land Surveyors proposed assembly bill requiring the disclosure of the person preparing the legal description for any document presented for recordation, was signed into law by Governor Kenny Guinn. Oregon reports that PLSO has committed to assisting Chemeketa Community College in its proposed on-line surveying courses for survey technician training. The college is seeking a National Science Foundation grant to create on-line courses in support of its civil engineering technology and drafting technology associate's degree program. The Pioneer chapter recently assisted in the observance of the 150th anniversary of the Willamette Stone,



Retired BLM, Presenter Skip Robinson

the initial point for the USPLSS surveys in Oregon and Washington. Utah's annual convention will be April 7-11, 2002 and will be a joint convention with Idaho and Nevada in Elko, Nevada. Washington is working on preparing an internet interactive survey control database.

The next two meetings of WFPS will be February 9, in Honolulu, Hawaii and July 29, in Las Vegas, Nevada.

Meeting was adjourned at 2:00 p.m.

Respectfully submitted,

Paul A. Reid, Wyoming Delegate



WYOMING ENGINEERING SOCIETY EIGHTY-SECOND ANNUAL CONVENTION

February 7, 8, 9, 2002

Holiday Inn
Sheridan, Wyoming

PRELIMINARY PROGRAM

Thursday, February 7, 2002

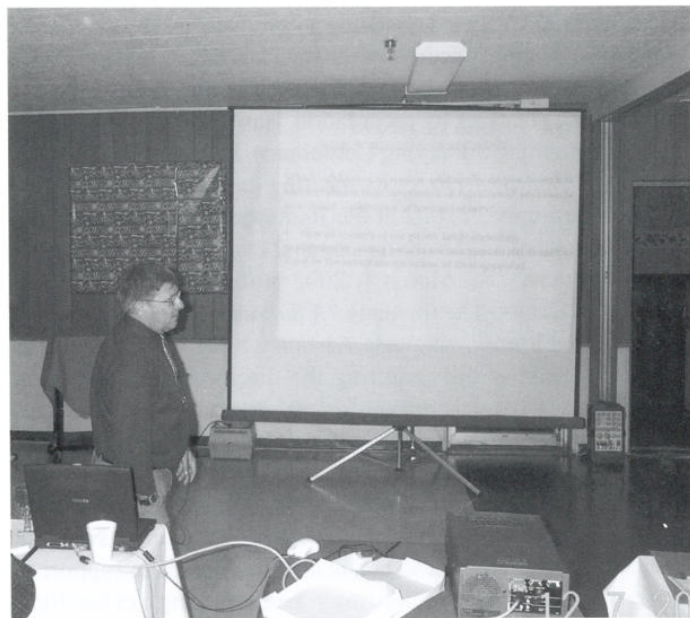
Time	Event
8:00-12:00	ASCE Workshops
1:00-5:00	PLSW Meeting
1:00-2:30	WACES Meeting
1:00-3:00	WACERS Meeting
2:30-2:45	Break
2:45-3:45	ASCE Meeting
4:00-5:00	WSPE Meeting
Friday, February 8, 2002	
8:00	Exhibits Open
8:15-8:45	Opening Session and Welcome
8:45-10:00	Session 1A: (Engineering) "Design & Construction of Retaining Walls in the Snake River Canyon" Gregg Fredrick & Mark Falk Wyoming DOT, Cheyenne, WY
8:45-10:00	Session 1B: (Engineering) "Coal Bed Methane Development from an Operator's View Point" Steve de Albuquerque, Phillips Petroleum Co., Englewood, CO
8:45-10:15	Session 1C: (Surveying) "Snake River Boundary Issues" Scott Pierson, PLS and Rich Greenwood, PLS, Jackson, WY John Lee, PLS, BLM State Office, Cheyenne, WY
10:00-10:30	BREAK
10:15-11:30	Session 2A: (Engineering) "Drought of 2001 in Wyoming" Patrick Tyrrell, Wyoming State Engineer, Cheyenne, WY
10:30-11:30	Session 2B: (Surveying) "Surveying on a Round World" Glenn Borkenhagen, Inland GPS, Cody, WY
11:45-1:00	Member Lunch Speaker: Daniel Clinton, National President NSPE
1:00-2:15	Session 3A: (Engineering) "Providing a Smooth Ride to the Wyoming Public" Andy Freeman, Wyoming DOT, Cheyenne, WY
1:00-2:15	Session 3B: (General) "LIDAR Aerial Mapping" Becky Morton & Jason Mann Horizons, Inc., Rapid City, SD
2:15-2:45	BREAK
2:45-4:00	Session 4A: (Engineering) "Independent Electrical Power Generation" (exact title pending) Joe Devine, Calpine Energy, Ft. Collins, CO
2:45-4:00	Session 4B: (Engineering) "Coal Bed Methane Testing QA/QC" Jim Yocum, Energy Laboratories, Inc., Casper, WY

2:45-4:00 Session 4C: (Engineering)
"Life Cycle Costing"
Ron Youngman, American Concrete Paving Assoc. of WY & CO

2:45-4:00 Session 4D: (Surveying)
Exhibits – Check out new equipment
4:00 Exhibitor's Beer Break and Drawings

Saturday, February 8, 2002

Time	Event
6:30-6:55	Registration: Fourth Annual Hangover 5K Road Race/Walk
6:58	Fourth Annual Hangover 5K Road Race/Walk
7:00	Past Presidents' Breakfast
8:00	Exhibits Open
8:45-10:00	Session 5A: (Engineering) "Exporting Wyoming's Energy Resources Using High Voltage DC Power Transmission Lines" Dr. Sadrul Ula, Electrical Engineering, University of Wyoming
8:45-10:00	Session 5B: (Surveying) Future Trends in Surveying Technologies David Johnson, Leica Geosystems, Inc.,
10:00-10:30	BREAK
10:30-11:45	Session 6: (General) "Coal Bed Methane Development in the Powder River Basin" Mickey Steward and BJ Kristiansen, Buffalo, WY
12:00-1:30	Joint Luncheon Presidential Project Award Presentation David Whitman, PE, University of Wyoming
1:45-2:30	State Board Update
2:45-5:00	WES Annual Business Meeting



Lin Livermore, Retired BLM, Presenter

ACSM/NSPS BOARD OF GOVERNORS REPORT OCTOBER 18 AND 19, 2001 GALVESTON, TEXAS

The business meeting for the NSPS Board of Governors was called to order at 1:00 P.M., October 18, 2001. There were 45 Delegates present, 8 Delegates were not in attendance. The minutes of the meeting held in Las Vegas, Nevada on March 17 and 18, 2001 were approved. Numerous guests were introduced, including several state society Presidents.

A report on previous motions made, and presented before the NSPS BOD (Board of Directors) by the BOG (Board of Governors) included the following; NSPS Nominating Committee, withdrawn, the motion would require changes to the current by-laws of NSPS. The current by-laws require a ten-member committee. It was recommended to send this to the By-laws committee with the charge to present an explanation to the BOG; Student Survey Competition, passed; Sliding Scale Membership Dues, tabled, motion tabled until such time as appropriate scales are determined and set; Service Fees for Collecting Dues by State Affiliates, withdrawn, due to being tied to a Sliding Fee Schedule; Hardware-Software Alert on ACSM web site, passed.

A report on the financial standing of ACSM included the following; income is \$25,000 below projections, expenditures are as budgeted leaving a \$10,000 to \$12,000 shortfall. Income is below expectations mainly due to a 9% reduction in membership. The current budget is approximately 1/2 of that of 1993. The BOD is working on a new budget with a decreased dues projection. The Certified Technician program is showing a \$20,000 increase in income over projections due to the extreme popularity of this program. The final accounting for the Las Vegas conference shows ACSM netting \$156,125 and WESTFED netting \$49,671.

ACSM Executive Director, Curt Sumner, reported on the several new brochures that ACSM is now distributing. There are now new Surveying Opportunities, Trig-Star and Cartography Careers Brochures. The CST (Certified Technician) program is working to open up more testing centers in order to alleviate problems with full and overbooked testing sites. There is a push to have local testing sites be available with local chapters being the proctors and administering the test. States with full 100% ACSM membership are Maine, Alaska and New Jersey, Virginia and Nevada have proposed a sliding scale membership. Missouri is in the process of having 100% membership.

NSPS President, Gary Thompson, thanked Tommy Brooks and several volunteers that worked at a Virginia Boy Scout Jamboree where more than 100 Boy Scouts earned their Surveying Merit Badges. The NSPS newsletter is now available via e-mail. There is a program to monument the population center of each state. Several states have completed this task and the goal is to have all 50 states and D.C. be monumented. The population center of Wyoming is N42.675762, W107.008835, which is approximately 10 miles north of Pathfinder Reservoir. (See attached ACSM State Center)

Trig-Star Chairman, John Chagnon, presented a challenge to the BOG for every state to donate \$100 towards the start of a planned \$75,000 Scholarship endowment. I donated the requested \$100 on behalf of PLSW. By the meetings end there was \$5,385

donated by the governors, Mr. Dawes and Mr. Fenn matched the \$100 per state challenge (\$5,000 each) and the host Texas Society donated \$1,000 bringing a total of \$16,385 for the beginning of the endowment.

NGS reports that there are no funds for field surveys for the HARN/Height modernization Resurveys. The new policy is for state run surveys with technical assistance from NGS. NGS is beginning to contract out more surveys, particularly for FAA Airport surveys. Approximately 80% of new funding at NGS will be for contracts. There is a new Geoid model scheduled to be out in 2002.

The ALTA Standards Committee is working on a new voluntary ALTA Certification. This process is in the early planning stage; check the ACSM message board for more info. The Survey Standards Committee will soon be looking for comments on the message board.

The Joint Government Affairs Committee reported on the successful introduction of legislation to stop several states from using inmates to survey and map several projects. This committee is now a part of the Flood Mapping Coalition formed to assist in flood mapping modernization. The committee is working on problems with companies doing LOMA (flood certificates) from a central location (usually Texas) for approximately \$25 each with no surveyor involvement. There has been new National Hazard Mapping Guidelines presented with no time for review, an extension of 30 days has been asked for. There has been severe funding cuts proposed for the CORS program, the committee is working to prevent this. The GSA has been persuaded to procure surveying services in accordance with the Brooks bill. COPFAS is now made up of 5 professional organizations, two trade organizations dropped out citing there being no need for monitoring Brooks bill type procurements and that all agencies follow the Brooks bill to a "T". The committee is pushing to hire a Government Affairs Director to help oversee the committee's work. There will be a PAC auction at the next meeting to be held in Washington, D.C., donations are being requested.

Numerous Motions were acted upon as follows:

- Con-Ed Proposal — The NSPS Board of Governors recommends that each Governor suggest to their state societies an extension of fee reciprocity for attendance at seminars, meetings or social events to ACSM/NSPS members, provided that they are a member of a State Society. Passed.

- Ex Officio Member of the NSPS Board of Directors — The NSPS Board of Governors recommends that the NSPS Board of Directors extend and invitation of the other ACSM MO Board of Directors for a representative to sit as an ex-officio member to the NSPS Board of Directors. Passed.

- Board of Directors Meetings — Move that the Board of Governors (BOG) recommend the NSPS Board of Directors (BOD) implement a Practice that the draft minutes of the BOD meeting be forwarded to all members of the BOG within one month of the BOD meetings. Passed.

- Board of Directors Meetings — Move that the Board of

(Continued on Page 13)