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VOLUME 2 NO. 3

SEPTEMBER 1990

NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS

a member organization of
American Congress on Surveying and Mapping

August 31, 1990

MEMORANDUM

TO: NSPS Board of Governors
FROM: James F. Boyer, Chairman
SUBJECT: NSPS Board of Directors Meeting
Denver, Colorado

I'm sure by now the grapevine has notified most of you that something is afoot. This report should update you concerning the events of the past six weeks or so.

On July 17, 1990, NSPS President Tapley was present at ACSM headquarters in company with the ACSM President and the other two MO Presidents. They participated in an ACSM Board of Direction meeting by conference call from Bethesda. The bottom line being that ACSM was about to suffer a negative cash balance of our banking account. The proposed solution was to cash the remaining, unencumbered, C.D. in the amount of \$200,000.00. This was probably the most logical solution except the C.D. also represented the carryover reserves of NSPS in the approximate amount of \$110,000.00 as well as the reserves of the other two MO's.

President Tapley made the ACSM Board aware that according to the bylaws only the NSPS Board of Directors could authorize the expenditure of NSPS funds, but he felt sure the NSPS Board would approve the release of funds under the circumstances. The ACSM Board of Direction proceeded to vote approval of the use of the C.D. without allowing President Tapley the opportunity to poll the NSPS Board.

Subsequently, the NSPS Board held a conference call on Monday, August 6, 1990 and it was decided that a face-to-face meeting was needed to resolve some of the issues. That meeting was held in Denver on August 24, 25 and 26, 1990.

In the interim, the ACSM President had appointed a special task force to assess the ACSM financial situation and formulate recommendations for short and long term corrections. Robert Foster chaired the task force. Foster also met with the NSPS Board of Directors in Denver and shared with us the results of the task force assessment. Among the several remedial recommendations made by the task force was a proposed \$20.00 increase in dues.

The major results of the NSPS Board of Directors meeting included the following:

- A resolution to immediately begin the process of NSPS incorporation was passed unanimously by those in attendance.
- Suggestions for appointment to replace Kenneth Kratz as Area 2 Director. Kenny has had to resign because of illness.
- Both NSPS and ACSM nominations committees are urgently seeking names for nominations for officers and directors.
- President Tapley sought direction on how to vote on the proposed dues increase in time for his conference call on August 27, 1990. The NSPS Board directed him to seek approval of a \$10.00 dues increase and a one time \$15.00 assessment.
- We were advised of a subpoena of NSPS from the Federal Trade Commission regarding the possible restriction of competitive bidding, price competition, self laudatory advertising, etc. (This is in reference to the use of the ACSM Code of Ethics.)
- Budget revisions to deal with the expected financial crunch.

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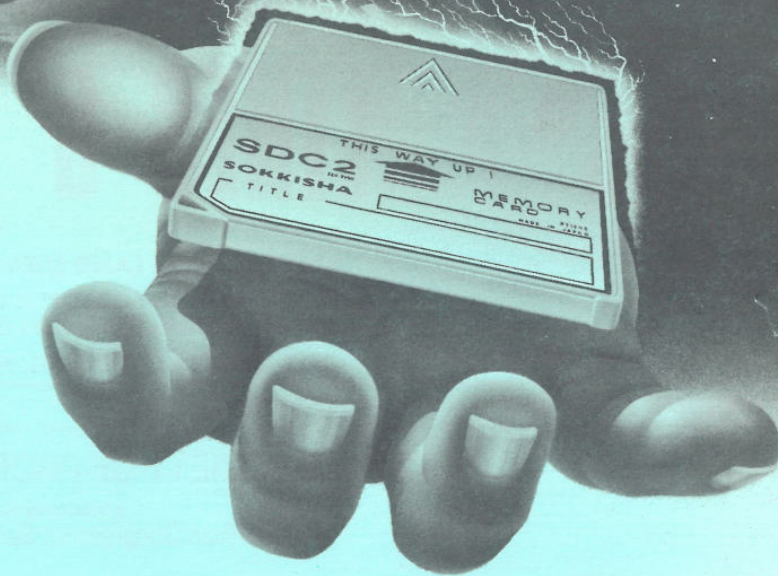
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Home on the Range

T. 24N., R. 108W., 6th P.M. as recorded in the original field notes:

Having finished the subdivision of this township I test my instrument on a Polaris Meridian at the S.E. cor. of Tps. 24N., R. 109W. for which see Book J of this contract.

General Description

The land in this township may have, at one time, been covered with a luxuriant growth of grass, but, at the present writing that is the scarcest product of the soil.

Both the noble red man and the magnificent bison doubtless had many an exciting chase over it billowy stretches, owing to the number of arrow heads, used by the former, and the horns of the latter, scattered over it. But there are none here now.

It was doubtless covered with water at one time, as is demonstrated by the vast number of fossils found upon it, but I regret to say; that there is no water here now. Our parched lips and swollen tongues, emphasized this condition too often for our comfort.

There was a large number of tress growing on it, during the grassy watery days of yore as we found a number of petrified stumps, but there are no trees here now. Our frugal noonday repast could not be partaken of, under the shade of a petrified stump and we were compelled to expose our handsome, bewhiskered, sun browned visages to the scorching rays of the meridian sun.

As we did not find any banana peelings, coconut bark, peanut shells or corn husks; it is fair to assume that the soil never was fruitful or productive. In fact, it is not now.

Indications point strongly to the fact; that it was adapted to neither horticulture or floriculture. We found no signs of carnations, roses or honey suckles. We occasionally stumble over a protruding root but doubt that they ever belong to the grape vine.

This may have been a paradise for birds and bees; not that we found any vestiges of antiquated aviaries or apiaries or any other signs of bird or bee life, but they may have winged their flight across the township. However; there are none here now. A meadow lark did warble his lay on a twig of rabbit brush, and there disappeared, that is the lark, the rabbit brush remains as proof of my story. While animal and bird life seem to have become extinct here, we are not entirely devoid of live companionship, Horned toads, scorpions, centipedes and many other like charming bed fellows, are quite plentiful.

Nature at the present has been quite niggardly in distributing shade trees and shrubbery, but while there are no sweet peas, gladiolas or lemon verbena, the beautiful white and sweet sage and prairie cactus abound.

If perchance we failed to notice the latter in perambulating about, and our foot came in contact with it, have heard other names applied to it, than beautiful. As one pursuing sedentary habits would avoid a tack on a

chair, so we, whose habits are of a peripatetic nature are cautious of the sharp needled points of the cactus.

Taking it all in all, however, for some unaccountable reason sheep manage to exist here in the winter time and that is all there is of it, excepting for a few scattering agates and topaz.

Edward F. Stahle, U.S. Deputy Surveyor

May 3, 1900



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Who's Working?

Yes, I'm tired. For several years I've been blaming it on middle-age, iron poor blood, lack of vitamins, air pollution, water pollution, saccharin, obesity, dieting, under-arm odor, yellow wax build-up, and a dozen other maladies that make you wonder if life is really worth living.

But now I find out, tain't that.

I'm tired because I'm overworked.

The population of this country is 200 million; eighty-four million are retired. That leaves 116 million to do the work. There are 75 million in school, which leaves 41 million to do the work. Of this total, there are 22 million employed by the government.

This leaves 19 million to do the work.

Four million are in the Armed Forces, which leaves 15 million to do the work. Take from that the 14,800,000 people who work for the State and City Government and that leaves 200,000 to do the work. There are 188,000 in hospitals, so that leaves 12,000 to do the work.

Now, there are 11,998 people in prisons. That leaves just two people to do the work. You and me and you're sitting there reading this. No wonder I'm tired.

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ACSM on Government Affairs

In The Regulatory Arena...

Final Rule on Brooks Act Clarification Slated for Early Fall

According to the Office of Federal Procurement Policy (OFPP), the final rule on the Brooks Act clarification is expected to be published late August or early September. A letter from OFPP Administrator Al Burman to the Civilian Acquisition Council (CAC) in late May gave GAC a three-month deadline to produce the final rulemaking. The OFPP exerted its authority to mandate a deadline since development of the final rule has already taken more than a year.

Early indicators point to a positive final rule that follows statutory intent to include professional surveying and mapping services within the "clarified" definition of services in the Brooks Act.

Meeting on Brooks Act Held with BLM

In late May Bob Foster, chairman of the Joint Government Affairs Committee (JGAC), and Nancy Parke, Government Affairs Director, met with BLM Deputy Director Dean Stepanek to express concern about the agency's failure to procure professional surveying and mapping services under Brooks Act qualifications-based procedures. Foster advised the deputy director of the statutory change to the Brooks Act and GAO decisions in the White Shield cases affecting the procurement of surveying and mapping services.

Foster specifically expressed concerns about cadastral survey contracts in Alaska and the BLM Geographic Coordinate Data Base (GCDB) contract, which were not procured using Brooks Act procedures. Since BLM is currently deciding how to proceed with the remaining options on the GCDB contract, Foster urged that BLM resolicit any options on the contract under Brooks Act procedures. BLM agreed to look into its contracting procedures on use of the Brooks Act and to take ACSM/ASPRS views on the GCDB contract into consideration.

FmHA Reviewing Policy Guidance on Brooks Act – The Farmers Home Administration (FmHA) Office of General Counsel is reviewing internal policy guidance given to contracting officers for procuring surveying services relative to the changes in the Brooks Act Clarification. FmHA has misinterpreted the new law to mean that surveying and mapping services must be procured through architectural and engineering firms under the Brooks Act. The FmHA counsel has been requested to render an opinion and, depending upon the opinion, the question may be forwarded to the General Accounting Office for a decision. FmHA counsel has been given ACSM's letter to FmHA addressing applicability of the Brooks Act for surveying and mapping services for review. An FmHA opinion should be forthcoming by September.

... Proposed Rulemaking on Pipeline Safety

The Office of Pipeline Safety indicates that the pro-

sion in the Pipeline Safety Reauthorization bill, which was enacted in the 100th Congress, are being delayed another few months. Concerns with the record-keeping requirements, specifically the state pipeline inventories, are causing the delay. The accurate mapping provision is included in the overall record-keeping section; this means the rulemaking will be critically reviewed within the Department of Transportation and OMB as a "significant" rulemaking before being published in the *Federal Register* for public comments. Members interested in lending assistance with comments when the rulemaking is issued should contact Government Affairs Director Nancy Parke at (301) 493-0200.

ACSM Publishes GIS/LIS Compendium For Surveyors

Geographic and Land Information Systems for Practicing Surveyors: A Compendium has been published recently by the American Congress on Surveying and Mapping (ACSM). This 219-page, softcover book provides land surveyors and local-level officials with a sampling of some of the issues currently relevant in the adoption and implementation of land information systems (LIS).

Surveyors use, collect, analyze, and visually represent geographic information on a day-to-day basis. Only a small percentage of surveyors have contributed data to automated land information systems or have used such systems to provide services to their clients. The reasons why widespread adoption has not yet occurred within the surveying profession are discussed in this volume, including the technical, economic, and legal issues that still need to be addressed.

Geographic and Land Information Systems for Practicing Surveyors: A Compendium is edited by Harlan J. Qnsrud of the Department of Surveying Engineering, National Center for Geographic Information and Analysis, University of Maine, Orono, and David W. Cook of Survey Operations, Dead River Company, Bangor, Maine. The book contains 22 previously published articles selected from GIS/LIS literature from the last few years, ending with the GIS/LIS '89 conference in Orlando, Florida. The text is divided into five sections: introduction to GIS, introduction to LIS, obtaining data, access to public information, and applications.

Geographic and Land Information Systems for Practicing Surveyors: A Compendium sells for \$25 to ACSM members and students, and is available to non-members for \$30. Orders must be prepaid; send check or money order to ACSM Publications, 5410 Grosvenor Lane, Bethesda, MD 20814. To order by phone with VISA or MasterCard, phone ACSM Publications at 202/462-2000.

BLM News

Citing convenience and service, the Bureau of Land Management in Wyoming announced they are now accepting Visa and Mastercard for payment of many services. Among the other transactions that can be charged to Visa and Mastercard are copies of survey plats and field notes.

Using a credit card is a faster, more convenient way for the public to receive records from the BLM. A telephone order can be placed, a credit card number given, and the desired document can be in the mail quickly. This speeds up the receipt of records for the public, and it reduces the number of checks the public has to write and the BLM has to deposit.

BLM in Wyoming joins Idaho, New Mexico, Utah, Eastern States, and the Denver Service Center by offering credit card acceptance. In Wyoming, credit cards can be used at the state office in Cheyenne, and the district offices located in Casper, Rawlins, Rock Springs, and Worland.

Editorial Potpourri

- Chapter Minutes – Other chapters can benefit from hearing about your activities and, maybe even help your organization. Send us a summary of your organizations activities by November 15, 1990. Summaries need not be typed.

- Join PLSW Now – If you are not a member of PLSW, you will not continue to receive *Lines and Points*. Only PLSW members, advertisers and other state newsletters will receive this newsletter. Join NOW. An application is included in this issue. If you are a member, recruit a new member

- Support Your Advertisers – The advertisers in this issue help make this publication possible. Support your advertisers.

- Next Issue – The deadline for the next issue of *Lines and Points* will be November 15, 1990. Please submit you comments, letters to the editor, and articles to Box 904 Casper, WY 82602.

- Surveying Firms – Have you considered advertising in this newsletter? The Lines and Points staff is proposing to print a page or one-half page of business cards of surveyors or surveying firms. The cost is minimal and it will help support the newsletter. Please consider advertising your services in the next issue.

- Advertisers – have you checked your advertisement lately? Maybe you wish to change it and we certainly hope you wish to continue advertising. We will be sending notices that your advertisement is due. Thank you for your support.

- Seminars – The South Central Chapter is investigating the possibility of hosting winter seminars in Casper. They need your input on seminar topics that interest you. Drop a line to Box 904 Casper, WY 82602.

Lines and Points is published by the South Central Chapter of the Professional Land Surveyors of Wyoming. *Lines and Points* is not copyrighted and permission is hereby granted to reprint articles with appropriate credit. The Professional Land Surveyors of Wyoming assumes no responsibility for statements made or opinions expressed in this publication.

PLSW (Professional Land Surveyors of Wyoming) is a state-wide 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.

Advertising Information

Camera ready advertisements with payment should be mailed to PLSW, Box 904, Casper, WY 82602.

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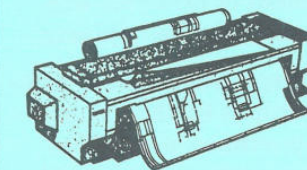
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The Wyoming Resolution

A RESOLUTION ENTITLED WYOMING RESOLUTION EXPRESSING THE CONCERN OF THE PROFESSIONAL LAND SURVEYORS OF WYOMING (PLSW), BEING AN AFFILIATE MEMBER OF THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS (NSPS) AND THUS A MEMBER OF THE AMERICAN CONGRESS ON SURVEYING AND MAPPING (ACSM), IN RESPONSE TO THE RECENTLY REVEALED FINANCIAL SHORTFALLINGS ALONG WITH THE APPARENT MISMANAGEMENT AND MALFEASANTS AND LACK OF COMMUNICATION WITH THE GENERAL MEMBERSHIP OF THE AMERICAN CONGRESS ON SURVEYING AND MAPPING.

WHEREAS, the Officers and Directors of the American Congress on Surveying and Mapping have acted with a disregard for the fiscal responsibilities with which they were entrusted:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is demonstrated by the apparent one hundred and fifty-three thousand dollar (\$153,000.00) per year cost over run incurred due to the purchase and move to the new headquarters offices in Bethesda, Maryland:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the reported purchase of the in-house publishing equipment for a cost in excess of thirty thousand dollars (\$30,000.00) within the last three years which has since proven to be antiquated and has a reported salvage value of approximately three thousand dollars (\$3000.00):

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the reported continuation of the paying for commercial storage for the aforementioned publishing equipment along with the payment of principle and interest incurred by the purchase of said equipment:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the reported recent purchase of an office wide computer system that apparently is not capable of receiving nor creating electronic data that is compatible with ASCII standard systems as utilized by a majority of the membership:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the reported expenditure in excess of seventy thousand dollars for an accounting system for the aforementioned computer system that has failed to perform:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the authorization and subsequent expenditure of excess of twenty-five thousand dollars

(\$25,000.00) for nine delegates to attend the FIG Convention in Hensinki, Finland in 1990:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the authorization and subsequent expenditure of excess of thirty-five thousand dollars (\$35,000.00) to a public relations firm for the fund raising to support a hot air balloon for the celebration of the fiftieth anniversary of ACSM. Said project was subsequently canceled and funds forfeited with the membership receiving no benefit.

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the seizure of one hundred and ten thousand dollars (\$110,000.00) of NSPS reserve funds and Certificates of Deposit without the authorization of either the NSPS Board of Directors or the NSPS membership:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the failure to provide the membership with a comprehensive accounting of expenditures and indebtedness nor to cause an independent audit so as to allow the membership an insight of these expenditures:

WHEREAS, this lack of fiscal responsibility and violation of the trust of the membership is further demonstrated by the action taken during the month of August in the year of our Lord 1990 to increase the annual dues structure of ten dollars (\$10.00) and to incur a "one time" assessment of fifteen dollars (\$15.00) to attempt a temporarily alleviation of the financial shortfalls as incurred, due to the aforementioned lack of fiscal responsibility and leadership.

NOW THEREFORE, BE IT RESOLVED; As members of ACSM and/or members of an affiliate member of ACSM, as a protest to the apparent mismanagement of the society assets, it is recommended that all ACSM members submit their dues for only the amount as paid for the year 1990 and to refrain from paying either the dues increase or the assessment fee until an independent audit of all society expenditures and



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SOLAR EASEMENTS & THE WYOMING SURVEYOR

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In 1981 the Wyoming Legislature passed the Solar Rights Act (the "Act"). In doing so, the Legislature recognized not only the need to promote the use of a resource which, by the year 2020, is Projected to supply twenty-five percent of the nation's energy needs, but also the need to develop a set of rules which would make the transition into the solar age as painless as possible for the State of Wyoming.

This is the opening statement from a commentary by Peter R. Hounsey published in Volume XIX of the Land and Water Law Review.

While his commentary is directed at the discussion of the legal issues of this statutes, this article will address the application of this law and its impact on the practice of land boundary surveying.

Prior to addressing the surveying issue, a brief review of the history of solar rights and the issues that are incorporated in the statute are in order. Under the application of the English Common Law "doctrine of ancient lights" a landowner would develop a negative easement across and over his neighbors lands simply by long use and access to the sun. This concept is not widely upheld in the United States. The acquisition of a negative easement is normally disavowed by the courts, unless such easement was created by purchase or agreement. The Wyoming Statute was written to eliminate this passive claim of ancient light and require the landowner to take action to create and preserve a solar easement.

The statute has many requirements, not the least of which is that it specifies that the local government is required to establish and grant the solar permits. It also dictates that the rights to a solar permit are restricted to radiation from the sun only from 9:00 a.m. until 3:00 p.m. Mountain Standard Time and then only for the use of a solar collector located in an area "which would not be shaded by a ten foot wall located on the property line on a winter solstice day." (W.S. 34-22-104) The statute continues with a definition of a solar collector as a unit capable of collecting, storing or transmitting a minimum of twenty-five thousand BTU's on a clear winter solstice day.

By this time, it should start to become apparent that many of the specifications that are incorporated within this statute fall well within the realm of the practice of land surveying. How does the builder of the solar collector know that it's location will not be shaded by a ten foot wall located at the property line until a surveyor has delineated the boundary line? Also, how can the determination be made as to the arc of sun from 9:00 a.m. through 3:00 p.m. on the winter solstice without astronomic observations and/or calculations?

This is not to say that a solar converter must be located by a surveyor. There are many cases were the

property owner, or his agents, can and have installed a solar collector. But if a permit to establish a solar easement is to be granted it appears that a surveyor should be consulted. And, a solar collector without a access easement could be rendered worthless by improvements or changes on properties to the south that might block the sun.

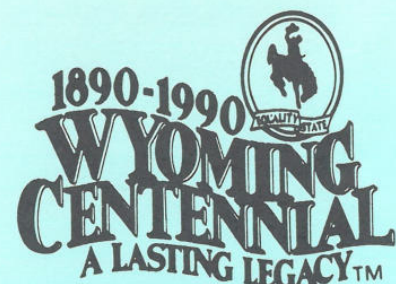
The other side of this question relates to the negative easements that are created on the properties to the south. If a surveyor is conducting a boundary survey on one of these properties then the question of a solar easement must be addressed. The 1988 ALTA/ACSM Land Title Survey Standards require that all "observable evidence of easements and/or servitude of all kinds on or across the surveyed property and on adjoining properties if they appear to affect the survey property, shall be located and noted." The standards continue to require the surveyor to note any easements and/or servitudes that are not apparent but of which are known. This requirement of "known" could be construed to include any easements that are of record. Even if a ALTA/ACSM Land Title Survey is not being performed, all easements, including solar access, must be considered for engineering and construction staking.

While there have not been a vast amount of solar easements issued within the state since the incorporation of this statute it is a topic that the professional boundary surveyor must be able to address. When conducting either the research or the field data collection remember to look for evidence of a solar easement. Many solar collectors, sun rooms and other passive systems exist where no solar easement has been created. If a survey is being conducted on a property that has one of these systems, the question of whether a solar easement should be created should be addressed. A land owner might have a cause for legal action against both the surveyor and the installer of the solar collector if, subsequent to the installation and/or survey, the solar access was blocked by changes or improvements on property to the south.

The text listed in the bibliography are recommended as a good overview of the applications of the solar access statutes. These and others should be reviewed prior to commencing such a survey project. Remember, what you don't know - WILL hurt you!

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Wyoming's Centennial Acre



*A Piece of the Past... A
Gift for the Future...*

Editor's Preface: As you may know, the great cowboy state of Wyoming will be celebrating its Centennial Year in 1990. As part of the fund-raising activities, we are selling a Centennial Acres in parcels of one square foot. This acre is located adjacent to Independence Rock, which many of you may have visited, on the Highway between Casper and Rawlins, just west of Alcova Reservoir. This is your chance to not only lend us a helping hand but to acquire a "piece of Wyoming" complete with an Official deed and commemorative Certificate. The survey of the property was done by members of the Professional Land Surveyors of Wyoming as a public service. **Ordering information follows:**

For just \$10.00, you can now purchase a square foot of Wyoming near Independence Rock, located along the famous Oregon Trail. You'll receive a ceremonial deed and a copy of the plat to show your claim to ownership.

Not only will you be buying into a special part of history by participating in Wyoming's centennial celebration of its statehood, you'll also have a great gift for that special person for holidays, birthdays, graduations and other important dates.

The project, known as Wyoming's Centennial Acre, was initiated as an official Wyoming Centennial Activity by the Professional Land Surveyors of Wyoming when they surveyed the acre.

The money received from the sale of the square foot parcels will go towards funding the Wyoming Centennial Commission's activities and projects for Wyoming's 1990 centennial celebration.

Hurry! Parcels are limited. Complete the form below, include your check for \$10.00 for each parcel, and mail or carry to the Wyoming Centennial Commission, 122 W. 25th St., 1st floor East, Cheyenne, WY 82002, (307) 777-5844.

☐ **YES!** I want a *Piece of the Past... A Gift for the Future.* Please record _____ parcels for me in the Wyoming Centennial Acre.

Deed(s) in the name of: _____ @ \$10.00

Send to _____ Address _____

City _____ State _____ Zip _____

Please send completed form and payment to Wyoming Centennial Commission, 122 W. 25th St., 1st floor East, Cheyenne, WY 82002, (307) 777-5844.

WYOMING Centennial Acre Deed

Acre 1: Independence Rock

*The State of Wyoming, through its Wyoming Statehood Centennial Office
presents this deed prepared especially for*



*James M. Sullivan
Richard D. Sullivan
Wyoming Centennial Commission
Howard W. Sullivan
Department of Public Lands
900 W. 25th St.
Cheyenne, Wyoming 82002*

*In consideration of an investment in *A Lasting Legacy*
of what is best in America, a piece of Wyoming, this deed
symbolizes interest in one square foot number
located in Natrona County, according to the Centennial
Plat, recorded with the Natrona County Clerk
on the 14th day of July, 1988.*

*The holder of this deed is entitled to the general enjoyment
of the proud heritage and glorious future of the Equality
State in recognition of the one-hundredth anniversary
of Wyoming's admission to statehood on July 10, 1890.*

This is the land described in the deed is subject to the provisions of W.S. 3-9-7 and 3-9-10. Such this is intended by right of the state of Wyoming to manage the land for the benefit of the general public and the stated history importance of the land. Central step is evidenced by the deed. State has given the holder to any right of use of the land different than that of the general public. The deed is subject to the holder to pay property taxes, assessments or any other fees or taxes commonly incident to the land.

The Wyoming Resolution

Continued

investments be conducted to investigate society expenditures and investments be conducted to investigate the source of authorization for these expenditures and that the results of this audit be presented directly to the membership.

BE IT FURTHER RESOLVED THAT: All officers and members of the Board of Directors for ACSM and NSPS that have held office from 1987 through present, and thus are apparently responsible for the current financial condition, either by their own action or lack there of, immediately submit their resignations from any and all offices or positions within the organizations that these persons may currently hold.

This document is submitted as a draft of a resolution to be acted upon by the Officers and Directors of the Professional Land Surveyors of Wyoming in the hope that it will address the concerns felt by many of the ACSM and affiliate members residing within Wyoming. It is imperative that action be taken in a timely manner as the 1991 dues notices from ACSM will be arriving within the next few weeks. This document has been prepared by a committee established and directed by the South/East Chapter of the PLSW on the 4th of September, 1990.

PLSW and *Lines and Points* solicits any comments.

Understanding Office Jargon

Exceptionally well-qualified – Has committed no major blunders to date.

Active Socially – Drinks too much.

Wife is active socially – She drinks too.

Demonstrates qualities of leadership – Talks real loud.

Quick thinking – Offers plausible excuses for errors.

Takes pride in work – Conceited.

Takes advantage of every opportunity to advance – Buys drinks for the boss.

Approaches difficult problems with logic – Finds someone else to do the job.

Expresses self well – Speaks English.

Conscientious and careful – Scared.

Maintains professional attitude – A snob.

Keen sence of humor – Knows many dirty jokes.

Career-minded – Back stabber.

A very fine employee of great value to the organization – Gets to work on time.

Anyway, we all know someone who fits, right?

(Reprint Gemstate Surveyor)

The Grumbler

by David A. Atwell

In idle conversation recently, a friend of mine mentioned that during his college days he had belonged to a fellowship which had as one of its officers, a grumbler. It occurred to me that it would be a good office to have in any association. Therefore I offer the proposition that every association, and especially the National Organizations, amend their constitutions and add the office of Grumbler. To assist in implementation, I offer the following guidelines and suggested wording:

Sample wording

1. There shall be elected from among the members, an officer who shall have the title, "Grumbler".

2. Duties of the Grumbler shall be to grumble. The elected officer shall complain about anything and everything. The Grumbler shall not under any circumstances offer agreement with any idea or action either orally or written. Particular attention shall be given to actions of the officers and directors, and to any program undertaken by the society. The grumbler shall vigorously attack any programs which appear to offer advancement of the organization or it's expressed goals.

3. Grumbling shall be perpetual and almost non stop. Particular emphasis shall be applied after a program or activity has begun. Stronger emphasis shall be applied whenever there is a sensitive issue at hand.

4. The Grumbler shall never under any condition, express a productive thought or constructive idea.

Rationale for having the office.

1. This office is desirable in order to consolidate the grumbling. With a designated grumbler, others could turn their attention to constructive activities, thus creating more opportunity for the grumbler.

2. Other officers and the membership in general would always be assured that there would be grumbling and would therefore be relieved of that responsibility.

3. The source of Grumbling would be known. Low mumbling and clandestine meetings would be unnecessary.

Conclusion

The skeleton of the job description is provided and can be expanded to fit as needed. Each organization can make whatever minor adjustments are needed to have the office fit within the framework of their particular constitution. With this document, there should be no further need for assistance from the writer of this document.

LAND SURVEY EQUIPMENT RENTAL



Larry Erdman
280 Indian Paintbrush
Casper, Wyoming 82604
(307) 266-4506

*E.D.M. – Transits – Levels
Misc. Survey Equipment*

Northwest Chapter News

On June 11, 1990 the Northwest Chapter of the P.L.S.W. met at the Big Horn County Annex building in Lovell at 7:50 p.m.. Those present were: Dick Olson, Alan Cormier, Paul Blough, Paul Campbell, Harvey Copeland, Rick Hudson, Sherman Allred and Stan Abell.

The meeting was called to order by President Olson. The minutes of the May 14th, 1990 meeting and the treasurer's report were read and approved.

Director Copeland had several letters and hand-outs to discuss. They were as follows:

A letter was handed out concerning the telephone changes at the Wyoming State Office of the B.L.M..

A letter was discussed concerning the labeling of State Plane Coordinates on 7.5 minute series maps.

Another letter was discussed concerning the way County Clerks handle Corner Recordation forms.

Abell handed out a letter from local attorney John Davis concerning the re-enactment of the Spring Creek Raid trial. The chapter was asked to supply the final map for use in the trial. The re-enactment will be held on August 10th, 1990 at 8:00 a.m. at the Washakie County Courthouse.

Rick Hudson planned on having a display in the Railroad Days parade in Thermopolis on June 16th, 1990. Abell volunteered to assist Hudson with this project.

The next meeting will be at the office of Stan Abell, P.E. Grosch Construction, in Worland, WY at 7:30 p.m., July 23rd, 1990.

South Central Chapter News

The meeting was held at 7:00 p.m. at the offices of C.E.P.I., in Casper, Wyoming. Members present: President John Hibsman, President Elect Jim Jones, Secretary/Treasurer Don Davis, Director Joe Popp, Bill Fehringer, Cris asbury, Steve Strang. The quorum discussed future meeting topics, locations and possible speakers. The ongoing membership drive was addressed as was possible chapter fundraising ideas. The newsletter committee urged more chapter input and energy as three people hold editorial, advertising, and printing committeeships.

The chapter viewed two videos, "Matter of Degrees" and "Surveyors of the Sixth P.M." Thoughts and opinions followed, and the meeting adjourned at 10:00 p.m.



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Minutes of Wyoming
GPS High Precision Network Meeting,
July 9, 1990

I. Meeting was brought to order by Ron Regan. Those present were Herb Stoughton, Hank Miller. Non committee members present were Richard Cohen (NGS), Bill Strange (NGS), George Johnson (WHD). Copies of the minutes of the June 27 meeting, a letter to *Lines and Points* and a memorandum for funding to George Johnson were distributed.

II. Bill Strange went over some of the reasons why other states were putting in a high order GPS network. Some are: High accuracy network that is still related to the NAD 83 datum, with new technology people will be requesting higher order work and errors in the old network will be seen using the new technology, there will be high order points which will have easy access, since NGS has discontinued their mark maintenance there will be fewer points for others to maintain, and points can be used with new surveying methods such as photogrammetry by GPS. He also indicated that most western states are now going to the order B GPS network.

III. NGS policy was explained as: the Order A network is existing and the order B state networks would be tied to it. The existing NAD 83 network could be tied at a later time. Six to nine months minimum lead time would be needed before NGS could do the observations. This time may expand depending on the workload of NGS's GPS crew. Eight to nine weeks would be needed to make field observations. Reduced data would be out within six months after field observations were done. A new cost estimate of \$1500 ± per point was given. This would include the field observation and office reductions. We would have to do the point reconnaissance, monumentation and descriptions plus get any elevations that are needed. It was stated that doing the work in a piece meal basis would probably be more expensive.

IV. Richard Cohen indicated that the state network could be tied into an existing GPS survey done in Yellowstone Park to help cover the Northwest corner of the state. He also said that some work being done in Idaho will be tied to some points in Wyoming. He showed us the location of the Colorado points that we could tie into on the border.

V. It was also suggested that the U.S. Fish and Wildlife may be someone to talk to about some funding.



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MEMBERSHIP APPLICATION

DATE _____

NAME _____ WY REG. NO. _____

HOME ADDRESS:
STREET OR BOX _____

CITY _____ STATE _____ ZIP _____

PHONE _____

BUSINESS ADDRESS:
STREET OR BOX _____

CITY _____ STATE _____ ZIP _____

EMPLOYER _____

TITLE _____

IF IN PRIVATE PRACTICE, WHICH COUNTIES DO YOU WORK IN? _____

STATES OTHER THAN WYOMING THAT YOU ARE REGISTERED IN: _____

CLASS OF MEMBERSHIP APPLIED FOR: (check one)

_____ MEMBER, ANNUAL DUES \$35 (WYOMING REGISTRATION REQUIRED)

_____ ASSOCIATE MEMBER, ANNUAL DUES \$25 (EMPLOYED UNDER THE DIRECTION OF A WYOMING REG. LAND SURVEYOR AND WORKING TOWARDS L.S. LICENSE)

_____ SPECIAL MEMBER, ANNUAL DUES \$20 (THOSE NOT MEETING QUALIFICATIONS OF MEMBER OR ASSOC. MEMBER, BUT WHO HAVE SPECIAL INTEREST IN, OR ASSOCIATION WITH LAND SURVEYING)

_____ SUSTAINING MEMBER, ANNUAL DUES \$50 (PERSON, INSTITUTIONS OR CORPORATIONS DESIRING TO ASSIST ORGANIZATION FINANCIALLY)

I AGREE TO OBSERVE THE CONSTITUTION AND BY-LAWS OF THE PROFESSIONAL LAND SURVEYORS OF WYOMING AND THE CHAPTER TO WHICH I WILL BELONG AND TO SUPPORT IT IN IT'S ENDEAVORS.

(APPLICANT'S SIGNATURE)

PLEASE SUBMIT DUES ALONG WITH APPLICATION (PRO-RATED) FOR THE REMAINDER OF THE CALENDAR YEAR.

PLSW JACKETS

NAME: _____

STREET ADDRESS: _____

CITY: _____ STATE _____ ZIP _____ PHONE: (DAY) _____ (EVENING) _____

CHAPTER (Circle one if desired) NORTHEAST SOUTHEAST CENTRAL NORTHWEST SOUTHWEST

SIZE: (Circle Size) ADULT: XS S M L XL XXL XXXL XXXXL YOUTH: XS (2-4) S (6-8) M (10-12) L (14-16)

NAME FOR JACKET: _____ (If Desired)

COLORS AVAILABLE: All colors are available. The one jacket we had made up was in Silver. The logo really looks nice on this color. The lighter the color the better it will show up.

PRICE OF JACKETS: \$55.00 which is a quilt lined jacket that includes name, logo on back, chapter name, logo on front and shipping. (\$50.00 if picked up in Gillette) \$45.00 which is a flannel lined jacket with all of the above information on it. (\$40.00 if picked up in Gillette).

SEND ORDERS WITH PAYMENT TO: NE CHAPTER PLSW
209 Stocktrail
Gillette, WY 82716

Thank you for your support in this money making project!