

THE ALASKAN SURVEYOR

The Newsletter of the Alaska Society of Professional Land Surveyors

AFFILIATE OF AMERICAN CONGRESS ON SURVEYING AND MAPPING
MEMBER OF WESTERN FEDERATION OF PROFESSIONAL LAND SURVEYORS
AFFILIATE OF NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS

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NSPS GOVERNOR'S REPORT

December 6, 1997

The NSPS Board of Governors 1997 fall meeting was held October 25th and 26th in Cincinnati, Ohio, in conjunction with the 1997 ACSM-GIS/LIS Annual Conference. In addition to the Board of Governors meetings on Saturday and Sunday, I attended the NSPS Board of Directors meeting and several NSPS committee meetings, including Standards, NAFTA, Membership, and a workshop for the NSPS Foundation. The following actions were passed by the Board of Governors:

- ◆ Motion to accept minor revisions requested by ALTA to the new ALTA/ACSM/NSPS Survey Standards passed. **(Motion elevated to Board of Directors and Passed.)**
- ◆ A motion to allow 4-year graduates of ABET accredited schools to join as full members of NSPS prior to obtaining professional registration was amended, discussed, tabled, removed from the table and finally withdrawn, with a substitute motion passed to have the Membership Committee review and recommend changes to the membership categories in a report to be given at the Baltimore meeting next spring.
- ◆ Guidelines for ACSM/NSPS membership drawings, (one per affiliate per year) were approved.
- ◆ A motion to waive the renewal fee for **Certified Survey Technicians** who are also enrolled in a four-year surveying curriculum was passed. **(Motion elevated to Board of Di-**

rectors and Defeated.)

- ◆ A motion recommending to the Board of Directors that ACSM Convention speakers receive a full registration and exhibit pass plus reimbursement for ground transportation from airport to convention and back was passed. **(Motion elevated to Board of Directors and sent to ACSM Board of Direction without endorsement.)**
- ◆ A 16-point motion establishing needed Trig Star policy was also passed. A policy manual for the national portion of the program will be published by the Trig Star Committee.
- ◆ A motion requiring each Governor to "request and encourage" their affiliate to order and use a National Surveyors' Week packet from NSPS headquarters passed.
- ◆ A motion to have ACSM/NSPS ballots sent to an independent mail service to be held for pick-up by the Teller Committee was defeated.
- ◆ A motion to have the ACSM Communications Committee investigate having books published in Spanish passed. **(Motion elevated to Board of Directors and passed.)**

Committees and Reports

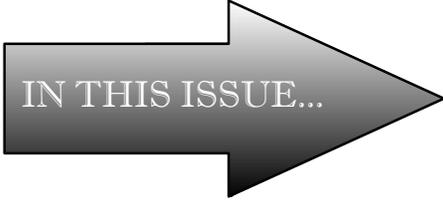
- ◆ **Membership**, at 6960 is up slightly from the same time last year, with both new members and renewals on the plus side. The committee is still investigating assembly of a database

of all registrants in the U.S. to be obtained from state registration boards and affiliates.

- ◆ **Standards** was presented with a publication of proposed standards which have been approved at various times by NSPS. It was agreed that much work needs to be done, and various committee members were assigned specific items to critique. There was discussion of deletion of the distance requirements in Table A of the ALTA/ACSM Standards, and deletion of all but the precision requirements was also discussed.

The national Trig Star and his teacher, together with the two runners up and their teachers were presented with awards. This year's champion is Tyler Neylon from Cleveland Ohio. Currently enrolled in the honors program at Ohio State University with a double major in Math and Computer Science, Tyler was third in Ohio in the American High School Math Exams, qualified for the USA Mathematical Olympiad, and scored 800 on the math portion of his SAT tests.

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CHAPTER REPORTS

ANCHORAGE CHAPTER

President's Annual Report
December 1997

The Anchorage chapter has been having its monthly meeting at Peggy's restaurant on 5th Avenue across from Merrill Field airport. The monthly meetings are on the 3rd Tuesday of each month on the second floor at Peggy's. The next meeting is January 20, 1998, with an open invitation to anyone that wishes to attend.

Ballots for 1998 officers were sent out, along with this report to Anchorage Chapter members. Please fill out the ballot and return it in the self-addressed envelope provided prior to January 16, 1998, before the Annual Chapter Meeting at Peggy's restaurant, or come and bring it with you. I would like to thank Donald C. Black RLS, Ron Schwind RLS, and Allen Minish RLS for volunteering to run for 1998 officers.

This year's activities started off at the View Suites Hotel with a social gathering and wonderful dinner and a great slide presentation by Mike Schoder on his adventures and misadventures in Africa. The ballots were counted, and the installation of new officers was completed by past President Ken Ayers RLS.

The ASPLS Anchorage Chapter received information from Tom Knox, RLS, in April that the MOA does not consider surveying contracts under the same criteria as contracts done by engineers and architects. The MOA purchasing department is reviewing Title 7.20.060 which deals with low bid survey projects.

I wrote a letter to Mr. Theo M. Chenier about their process and asked that the MOA include surveying con-

tracts in and under the same guidelines as engineers and architects. To date, I have not received any comment back from them. The Alaska Professional Design Council (APDC) also sent a letter of support on this position to the MOA.

The Anchorage Chapter again this year sponsored six schools for Trig-Star in the Anchorage area. The chairperson, Ron Schwind, RLS, who took over for Michael Schoder, RLS, reported there were 123 participants, and the winning time was 29 minutes. The Mat-Su area had 40 participants from 4 schools.

The Anchorage Chapter and State Trig-Star was Matthew Lederhos of Bartlett high school. He was also the only participant to have the right answer for the Trig-star problem. He won a Magellan GPS 3000 Satellite Navigator receiver donated by THE SURVEYORS EXCHANGE, and the opportunity to participate in the National Trig-Star competition in June. He also received an REI gift certificate, a \$250 US Savings Bond donated by the Anchorage Chapter, a Trig-Star plaque as school winner, and a Certificate of Participation. The ASPLS \$100 US Savings Bond was donated by John Sroufe, PLS.

The second-place State Trig-Star was Roland Lopez from West Anchorage. He won an HP48-GX Graphic Calculator donated by LEWIS & LEWIS COMPUTER STORE, an REI gift certificate, a US Savings Bond donated by ASPLS, a \$100 US Savings Bond donated by Crazy Mountain Joint Venture, a Trig-Star plaque as school winner, and Certificate of Participation.

The third-place State Trig-Star was John Heffner from Palmer. He Won an HP48-GX Graphic Calculator donated by ARCTIC SURVEYORS INSTRUMENTS, an REI gift certificate, a US

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Elections

Russell Oswald, PLS (see above)

Alaska Professional Design Council Delegates

Paul Whipple, PLS (see above)

Written material should be submitted on disk in standard text format, WordPerfect, or Microsoft Word document format. **THE ALASKAN SURVEYOR** cannot guarantee the accuracy of any item or story. Opinions expressed herein are solely those of the authors. Please contact me for Advertising Information.

Editor: Steve Buchanan
tele: (907)277-5677 hm.

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Savings Bond donated by the Valley Chapter ASPLS, a Trig-Star plaque as school winner, and a Certificate of Participation.

Four other \$100 US Savings Bonds for Anchorage area schools were donated by the following organizations: Crazy Mountain Joint Venture, F. Robert Bell and Assoc., Lounsbury and Assoc., Alaska Construction Surveyors, and Lewis and Lewis Computers.

The National Trig-Star exam was held on June 17, 1997. Proctors were Ron Schwind, RLS, and Mike Olson, RLS. The Alaska finish time was one hour and 32 minutes. The national winner of the 32 participating states was Tyler Neylon from Cleveland, Ohio.

I would like to thank those individuals who volunteered their time to proctor the Trig-star exam and Ron Schwind, RLS, who chaired at the last minute, and who made it such a successful event.

We now have a State ASPLS Board chair person, John Kerr, who will be overseeing the 1998 Trig-Star program.

Other topics of concern that came up are "Record of Surveys" that have been creating easements and subdivision of lots on plats. I have had several calls about this subject from ASPLS surveyors but not much time to work on it. This was brought up at the last board meeting and was put on the agenda for the next board meeting in February at the convention.

Paul Whipple noted the existence of unusual survey requirements for lease surveys at the Anchorage International Airport. He suggested a committee to meet with DOT-Airport personnel to discuss their real needs. He is looking into it, but has no volunteers to help at this time.

The Seward Initial Point monument care, clean-up, and weed detail has been on-going with help from volunteers. There will be more improvements done this coming spring with the combined help of BLM and ASPLS volunteers. Contacts for the project are Mike Olson RLS, and Dick Troeger, RLS.

The Seward Initial monument is in good condition at this time. This spring it will need a cleanup of garbage and brushing, along with maintenance of the road pull off and parking area before the

summer visitors. The BLM has offered help to upgrade the parking area and possibly lay-in new gravel on the turnout road and parking area at the Seward Initial Monument. They have also offered to help place a picnic table at the parking area next to the monument. I will coordinate with the BLM so ASPLS can work on improvements and maintain its obligation to the DNR for the use of this land.

At our August chapter meeting Mr. Dan Bolles, a zoning plan reviewer of MOA, spoke on the requirements and needs for As-builts, and Plot Plan surveys. Over the previous months there had been a lot of discussion from some members on MOA's requirements for Plot Plans and As-Builts. This presentation was to hopefully clear up some of that confusion, and provide a better understanding of what should or should not be on these records. It seems MOA expects much more survey work than most surveyors actually do. They expect corners to be located or re-monumented and noted on As-built surveys.

One question I asked was how does this information get into the public record since it is not recorded? This question is still up in the air. If you have any comments please contact Mike Olson.

Another topic of concern is the "Record of Surveys" portion of MOA's Title 21. It requires a review and fee for Record of Surveys and it requires the Signature of the Municipal Surveyor. I had many discussions about this with other surveyors and with Mr. Tom Knox, the MOA Surveyor. I think that the portion of Title 21 on Record of Surveys is wrong. Mr. Tom Knox said that this portion of title 21 has not been enforced by the MOA but will provide a cursory look if requested by the surveyor. A Record of Survey is the report of what the surveyor found, surveyed, or re-surveyed, of which was already of record, and recorded for the public's information. Why would the MOA review what only the surveyor knew and for which he or she takes total responsibility?

The State ASPLS Board Meeting will be February 4, 1998. The Annual ASPLS State Meeting (also February 4, 1998), will be at the Egan Center during the ASMC Convention, which is February 2-5, 1998.

As my term ends and this year

comes to a close, I would like to thank Mr. Allen Minish RLS, and Ron Schwind RLS, for their support and all those who helped with the many projects over this last year. I also appreciate and thank all those who are actively participating in the society. There remains many projects on the agenda that will be worked on this coming year. If you would like to get involved come to the monthly meetings, there are plenty of opportunities to help and be helped.

I would like to wish Mr. Mike Fretwell RLS, the best as he enters his term as Anchorage Chapter President this coming year. I know he will welcome your support. I encourage all of you to get involved as we enter this new age of LIS/GIS and as we deal with the many changes facing the surveying community across the nation.

-submitted by,

W. Mike Olson, CET, RLS
Anchorage Chapter President

STUDENT CHAPTER

December 1997

We seem to stay very busy these days. The student chapter has been involved in numerous activities this past semester, and we are preparing for another busy Spring semester. Attendance remains solid at our monthly meetings and we have received many requests from community groups looking to enlist our help with their projects.

Perhaps the most noticeable change for us this year is our new organization name. We are now the Geomatics Student Association (GSA). Our new name reflects not only a solidarity within the UAA Department of Geomatics but is also in line with the growing national acceptance of this term (geomatics) to define the related disciplines that compose our profession.

This year's primary GSA community service project is a field survey of the Wasilla Little League ballfields. Craig Savage, representing Wasilla Little League in a volunteer capacity, contacted us early in the Fall semester requesting a topographic and boundary survey of both the existing ballfields and undeveloped areas of their land. GSA member Dean

(Continued on page 8)

WEST FED REPORT

November 6, 1997

The first meeting of the West Fed fiscal year was held at the Reno Flamingo Hotel in Reno, Nevada on September 20, 1997. The treasurer's report shows the total of accounts at about \$92,000. The Las Vegas convention was profitable, but that was the only income for West Fed for the next two years. Portland, Oregon will host the next conference in 1999. They are starting to look at locations for the 2001 convention. Potential locations are Coeur D'Alene, Idaho or Arizona. Another possibility would be to move the date to 2000 to meet with the Big Sky 2000 survey convention that is jointly sponsored with Idaho, Montana, North and South Dakota and Wyoming.

Under Continuing Education, NCEES is looking at including boundary surveying as a requirement for license reciprocity between states.

The Joint Governmental Affairs Committee of ACSM is assisting the states towards having similar laws regarding recording and filing record of surveys.

The NAFTA professional society liaison, Mr. John Abernoth is a member of the West Fed board of directors. NAFTA's survey committee's next meeting is in December 1997 with Canada in Mexico. They are trying to find common ground between the registration in the 13 Mexican states, the 12 Canadian provinces, and the 50 United States. Texas currently is the only state to accept an MRD for professional engineers. NCEES in their Louisiana meeting approved an MRD methodology but disapproved the agreement that was presented. In short, the NAFTA negotiations are going to continue for many years.

The scholarship applications for 1997 seem to have been lost. I was appointed as a new scholarship chairman and will be preparing scholarship offer letters to be sent to the western states surveying colleges. These scholarships are only for the junior or senior years in four year programs.

Mr. Chuck Pearson, NCEES liaison, states that photogrammetry is being considered as being included in the land surveyor definition. Florida currently requires photogrammetrists to be Registered Land Surveyors, but most states allows photogrammetrists not to be land surveyors.

West Fed had sent a letter to ACSM requesting an audit of ACSM expenditures especially noting that in their last correspondence to West Fed they were bragging about the tax value of the building going down. With the principal amount of the loan not being paid down, West Fed is concerned about ACSM being able to refinance their balloon payment.

Blair Meggitt, Colorado, is the new West Fed Chairman. I suggest that ASPLS invite Blair Meggitt to the Alaska Surveying and Mapping Conference in February.

News from the western states:

California - The Professional Engineers in Government initiative on the ballot would require that all California transportation and government building projects would be allowed to be bid by Caltrans. Caltrans would not have to include their overhead cost and only the direct labor cost, as Caltrans competes in its "bids with the private sector". The Cali-

fornia board of registration has come out against real estate brokers offering ALTA surveys even though the brokers are hiring registered land surveying companies to perform the actual surveys. The registration board has essentially said the real estate brokers are offering land surveying services and must themselves be registered or they cannot offer to get this service provided.

Nevada recently voted down a four year degree program as a requirement for LS registration. Nevada DOT was opposed to the four year program.

Utah has more than fifty percent of the LS registrants as members of their state society.

Washington is trying to get mandatory continuing education. They are encouraging membership in the society by providing several seminars free to state society members but charging nonmembers.

Wyoming noticed a severe drop in renewals in PE and LS's with the requirement of continuing education. Many people have stated that they are not actually using their licenses and the effort of continuing education is not worth the renewal.

The next West Fed board of directors meeting will be either January 10 or 31 of 1998 in Tucson, Arizona.

-submitted by,
George Strother, PE, PLS
Alaska Delegate, Seat B

**ASPLS MESSAGE
TELEPHONE NUMBER
907-566-2622**

ASPLS has its own "office" phone now. The voice mail messages will be checked regularly, with messages routed to the appropriate individual. The number is currently listed with Directory Information but is not yet listed in phone books. ASPLS members should feel free to use this number to voice concerns or request information.

SUSTAINING MEMBERS DIRECTORY

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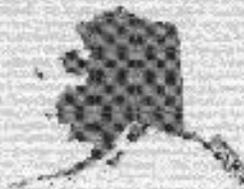
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The Surveyor's Exchange logo

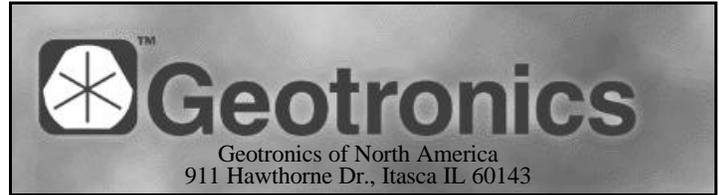
SUSTAINING MEMBERS DIRECTORY

ADM Land Surveys

Allen Minish

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Allen Minish started his surveying career in 1976 while still in high school. He moved to Ketchikan, Alaska in 1981 and in 1985 moved to Anchorage. Allen became licensed in 1991. Allen presently works for the U. S. Public Health Service (PHS) and is the owner of ADM Land Surveys. Allen's work with the PHS take him throughout southwest, south central and southeast Alaska conducting boundary, construction and topographic surveys for the ongoing water and wastewater projects within villages. Allen's business of ADM Land Surveys is a part time enterprise providing residential boundary, as-builts, plot plans, small subdivisions and topographic surveying within south central Alaska. Allen's philosophy is every survey is different, prepare for the field through research, and do it right the first time because the second time costs more.



Geotronics AB is one of the world's leading manufacturers of highly productive, state-of-the-art surveying and positioning systems based on both traditional electronic distance & angle measurement and GPS technology. Geotronics pioneered the field of electronic land surveying instrumentation 50 years ago by inventing the distance measurement by means of modulated light. Ever since, Geotronics has held the leading position in development of advanced measurement systems for surveying & mapping, building & construction, mining & tunneling, materials handling, mechanical engineering etc. Geotronics head offices & production facilities are located in Danderyd, Sweden. Sales, customer support & training and technical service is offered by Geotronics own subsidiaries as well as agents and sales representatives around the world. Geotronics AB is a member of the Spectra-Physics Group of companies.

(Continued from page 1)

The program was tremendously successful this year. In all, 32 states participated. With 40 states, major support has been offered in the form of corporate sponsorship. The committee's goal is to have all 50 states, Puerto Rico, and Canada participate.

The NSPS NAFTA Committee meeting yielded an "agreement to agree" on the exclusion of boundary surveying from initial discussions. Several members of the committee will respond to the invitation to attend an international conference in Colima, Mexico in December.

The NCEES Model Law for Surveying is being drafted and reviewed. Photogrammetry is being included in the definition of surveying, with many ramifications.

The FEMA Mapping Council has prepared an annual report on their efforts. They are making headway, still coming to grips with the problems FEMA faces trying to update their information, modernize their system, and become more responsive to the new data which they do and will receive. The problems are immense and not the least of them is the inertia of the organization.

NGS is without a budget, but is op-

erating under a Continuing Resolution. They are working on the Height Modernization Program, with guidelines for establishment of GPS Derived Height to be published soon. Accuracy standards are nearly complete, and HARN's are being re-observed throughout the Lower 48, with the program to be complete in two years.

The ACSM Joint Government Affairs Committee (JGAC) has been active in several areas. The FY98 Budget and Appropriations activities left most of the federal agencies involved in surveying and mapping relatively unscathed.

The National Academy of Public Administration (NAPA) has published its study of federal surveying and mapping functions for a final technical review, and expects to publish the final report this month.

The Council on Federal Procurement of Architectural and Engineering Services (COFPAES) has revamped their QBS seminar program, contributed \$25,000 to the effort to defeat the "stacked deck" initiative in California, and continues to work on implementing a QBS process for subcontracting professional services. A legislative rather than

regulatory approach is apparently required to avoid anti-trust litigation.

ACSM is hoping to effect changes in the Freedom From Government Competition Act, requesting more thorough review of several aspects of the bill which might in fact hamper privatization rather than help it.

NSPS President Curt Sumner asked me to serve as one of the NSPS representatives on the JGAC, and I accepted the appointment. It will be a challenging opportunity.

The NSPS Foundation received a welcome bit of assistance in fundraising organization in the form of an "at cost" workshop put on by Hayes Briscoe Associates, a nationally recognized consultant for nonprofit organizations. A memorable piece of trivia: in 1995, Americans gave \$143.9 billion to charity, and 80.8% of it came from individuals. The Foundation awarded scholarships this year and continues to seek the correct means to "up the ante" from thousands to millions. If the dedication and effort of the Board is a sign, they will succeed.

-submitted by
Craig Savage, PLS
NSPS Governor

Comments on Alaska Statute 16.60.670

by William D. Cohen, PLS

A.S. 16.60.670. Prohibition against placement of equipment near electrical power lines and conductors.

A person individually or through an agent or employee may not

(1) place any type of tool, equipment, machinery, or material that is capable of lateral, vertical, or swinging motion, within 10 feet of a high voltage overhead electrical line or conductor;

(2) store, operate, erect, maintain, move, or transport tools, machinery, equipment, supplies, materials, apparatus, buildings, or other structures within 10 feet of a high voltage overhead electrical line or conductor.

For those of us who received our ASPLS Standards of Practice Manual update, this statute was included. For those of you who do not have a manual, this is another example of why it is a valuable reference source for our profession. I was involved in the following true situation concerning this statute.

I performed a design survey for a building project and during the course of this survey I located an overhead power line horizontally only. The poles were centered on the property line. A 10' cross arm was on each pole, 5' of it on each side of the pole. There is a 10' utility easement on each side of the property line. Clearly the power line was within the 10' easement.

Later after the project was designed I staked the building. Making sure that no part of the building would encroach into the 10' utility easement I staked the building so that the roof overhang was 0.5' outside the easement. This placed the building foundation 2.5' outside the easement.

After the two story building was framed in, Matanuska Electric Association (MEA) was called to hook up permanent power to the building. Upon MEA's arrival, they noted that the building was in violation of AS 16.60.670. They would not hook up the electricity to the building and informed the owner that they would be adding a power pole to raise the electrical line at his expense.

Of course the owner immediately called me and asked if I had ever heard of this statute. My answer was no. How could this be? It did not show up in the Title Report issued by Pacific Rim Title Insurance Agency, Inc. Should not it have been an exception in the Title Policy if it affected the property at the time my client purchased it and the policy was issued? MOA building safety issued the building permit based on my plot plan that showed the overhead electrical line and the two story building located next to it. Why did they approve the building if it was in violation of this statute? These are all questions I asked. My client also talked to two attorneys. Both attorneys and the Title Company said "it sounds like a survey problem to me."

Fortunately, my client is a reasonable person and did not place the blame on me. It sounded just as outrageous to him as it did to me that the utility company claimed an unrecorded aerial easement that encumbered his property based on this statute. The options, fight the utility companies in court and delay the project and spend thousands of dollars on an unknown outcome, or pay for the new pole and finish the project on time.

I now have to look at every building project differently that is affected by this statute. First this increases the amount of work I must do. If there are overhead electrical lines I must locate them vertically. Then the next question to ask, "Is it a high voltage overhead electrical line?" The definition of high voltage: A.S. 18.60.695. Definitions (1) "high voltage" means a voltage in excess of 750 volts between conductors or be-

tween any single conductor and the ground. How do I find this out? I have to contact the utility company and ask. Then when I place the building I have to make sure that no part of it is within this 10' radius in the air.

Do I get a bigger fee for all this? No, I just get more liability. With some of the fees my competitors charge for these types of projects I often ask myself is it worth it? We as a profession need to look at the services and expertise we provide and the liability we take on for these types of projects. Is it worth it to take a fee of \$1000 when the liability exceeds the fee a hundred times. I don't think so.



- Standards Of Practice Manuals are available through Tom Knox in Anchorage and John Bennett in Fairbanks. Packed with valuable information, manuals cost \$50 each.
- The **ASPLS Web page** is open for business. Point your browser to "<http://www.imagi.net/~aspls/>". The homepage contains a wealth of ASPLS information, including draft minutes of Board Meetings, an online edition of The Alaskan Surveyor newsletter, as well as links to Surveying related pages.
- The 1998 Alaska Surveying & Mapping Conference has been scheduled for February 2nd to the 5th at the Egan Convention Center.
- The ASPLS Annual Meeting Breakfast will be held February 4, 1998 from 7:00am to 11:30am at the ASMC in the Egan Convention Center, followed by the Board of Directors meeting in the afternoon.
- **New Survey Technicians**
The following individuals were certified by NSPS/ACSM as Survey Technicians from July 26, 1997, to September 13, 1997:
George J. Bisset (Alaska)
Helen M. Shear (Alaska)
Jeremy E. Thompson (Alaska)

(Continued from page 3)

Bergman accepted the position of project manager for the survey and has done an excellent job of organizing and managing the survey. His crews have completed the field work and are currently working on the deliverables. This project has been ideal in providing GSA members with experience in all phases of a survey. Hopefully students in the UAA Engineering programs will participate in the project as well by completing the facility design.

Our fundraising efforts have met with great success so far this year. We raised over \$200 during the UAA Halloween Fun Night. Our booth was once again one of the most popular with children. We are also doing surprisingly well with our continuing sale of Uncle Joe's Pizza coupons. Students get their name entered into a drawing for a transit, donated by the UAA Department of Geomatics, for each coupon they sell.

The Department and GSA are also awaiting the arrival of an ABET review team. They ABET team will evaluate our program to see that it still meets their

standards during the first two days of the Spring semester (beginning January 12th). The students will have their chance to meet with the ABET team on the first day of classes.

This February the GSA is also proceeding with an idea that has been on the backburner for some time. We will be hosting what we call "A Social Occasion" (see below). This is an event designed to thank the many people and organizations that have supported the Geomatics program over the years, to showcase current projects, and to discuss the educational opportunities available. We plan to have faculty and student speakers, a slideshow, and displays. The Social will be held at the Captain Cook Hotel (look for room directions in the lobby). This is a free event.

-submitted by,
Steve Buchanan, LSIT
Student Chapter President

Surveyor Jokes

What is the difference between a possum and a surveyor laying in the road?

The possum has skid marks in front of it.

What is the difference between boy scouts and surveyors?

Boy scouts have adult supervision.

The University of Alaska Anchorage Geomatics Student Association presents *A Social Occasion*

The UAA Geomatics Student Association (GSA) presents an informative evening of discussion and presentations about the students, faculty, and educational opportunities at the UAA Department of Geomatics. This social occasion will give us the chance to acknowledge the companies and individuals who have supported us over the years and a chance to introduce the program to those unfamiliar with it.

Learn more about our:

- ◆ Students and faculty
- ◆ ABET accredited program
- ◆ New curriculum
- ◆ Move to the School of Engineering
- ◆ Facilities
- ◆ 2 computer labs
- ◆ Extensive community and industry support
- ◆ Photogrammetry lab
- ◆ GPS equipment

Where: The Captain Cook Hotel.

When: Tuesday, February 3rd 1998, 5:30 pm, during the Alaska Surveying and Mapping Conference.

Cost: Complimentary hors d'oeuvres courtesy of the GSA. A no-host bar will be provided.

RSVP: Please send in the form below to let us know that you will be attending.

GSA Social RSVP

Mail To:

GSA Social

University of Alaska Anchorage
Dept. of Geomatics, BMB, Rm 210B
3211 Providence Drive
Anchorage, Alaska 99508-8336
tele: 907-786-6430
fax: 907-786-6429

Company: _____

Name: _____

Address: _____

City: _____

State: _____

ZIP Code: _____

Phone: _____

How many attending in your party? _____

Thanks for joining us in this exciting event!

THE ALASKAN SURVEYOR

Alaska Society of Professional Land Surveyors
P.O. Box 101465
Anchorage, Alaska 99510-1465



- ★ Chapter Reports
- ★ West Fed Report
- ★ AS 16.60.670

