

# The UCLS Newsletter



*The UCLS Newsletter is published monthly by the*

**Utah Council of Land Surveyors**  
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**“Probably the saddest thing you will ever see is a mosquito sucking on a mummy.”**  
-Jack Handy - Deep Thoughts

**Where and / or What is it**

The above picture was submitted by John Halleck. It is all that remains of an engineering marvel.

Correctly identify the location and purpose of the structure and be rewarded with a free meal at your next chapter meeting.

Answers may be submitted at [mail@ucls.org](mailto:mail@ucls.org) or [smerrill@ucls.org](mailto:smerrill@ucls.org)

**In this issue;** our state chair, Brad Peterson provides an insight to the NSPS CST program and the success of the State Trig-Star competition.

Matt Clark shares a historical condominium conveyance type document signed by Brigham Young, Jerry Fletcher introduces us to the Mountain West Digital Library, and Bruce Parker provides a 2012 legislative summary. Additionally, you will find agendas for the UCLS and DOPL meetings and the latest news on the ACSM/NSPS merger.

If a committee or chapter report was not included in this Newsletter, please contact the respective chapter president or committee chair for more information.

Remember, if you don't participate - you have no right to complain. Therefore, please let us know your thoughts, recommendations, ideas, and / or complaints.

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Contributions are encouraged. Articles, Advertisements, Pictures, and Comments may be submitted to UCLS at [mail@UCLS.org](mailto:mail@UCLS.org)

## Chair Report

By: Brad T. Mortensen, PE, PLS

Last week I attended the Geomatics Program Advisory Committee Meeting for the SLCC Geomatics program, and found out that the Walt Cunningham had just returned from a trip to Orlando Florida where he met with the NSPS CST Board for several days.

The NSPS CST program is the Certified Survey Technician program and it is replacing NICET certification for surveying technicians in most of the country. Walt informed us at the meeting last week that the SLCC would be the first proctor centers in the nation of the CST program and that he would be appointed to the CST Board soon.

The CST program was created to recognize the important contribution that technicians provide to the surveying and mapping profession; to provide credentials to technicians; to identify those technicians who have achieved specific technical competencies; and to provide a career ladder for technicians. In 2012 471 CST exams were administered and as of 12/31/2010 there are 1,619 active CSTs.



The CST Program is recognized by the U.S. Department of Labor as a part of the National Apprenticeship Program. It is the registered state apprenticeship program in many areas of the nation by private industry or state profession societies. It is used as validation Exams by educational programs just prior to student's graduation. The Memoranda of Agreement with DANTES (Defense Activity for Non-Traditional Educational Support) allows members of the military to prepare for civilian certifications prior to leaving the service.

The following Public Entities in the United States are using or requiring CST Certification:

- Virginia State Board of Registration - FLS exam
- Washington Metro Area Transit Authority, Washington, DC
- City of Orlando, FL
- City of Virginia Beach, VA
- AZDOT, Phoenix, AZ
- Florida Surveying And Mapping Society, Tallahassee, FL
- Michigan Society of Professional Surveyors Survey Technician Council, Lansing, MI
- Texas Society of Professional Surveyors
- Department of Public Works, Las Vegas, NV
- New Hampshire Land Surveyors Association (pays 1/2 cost of exam if employer matches)
- City of Las Vegas, NV
- MNDOT, MN
- Snohomish County, WA

### Chair Report Continued

The Following Private Entities in the United States are using the CST program:

- Dewberry, LLC, Fairfax, VA
- McKim & Creed, Wilmington, NC
- Woolpert, Arlington, VA
- Cherry Land Surveying, Nashville, TN
- E & A Consulting, Omaha, NE
- Miller Legg & Assoc., Pembroke Pines, FL
- Tri-State Engineering, Joplin, MO
- Clark Construction Company, Bethesda, MD
- Vincennes University, Vincennes, IN
- VIKA, Inc., Germantown, MD
- Christopher Consultants, ltd, Fairfax, VA
- Doucette Survey, Newmarket, NH
- Charles P. Johnson & Associates, Inc., Silver Spring, MD

What benefits can the CST program provide for your Company?

- Sets a standard for your Technical staff
- Can be used as a hiring requirement
- Can be used as a marketing tool - incorporated in your QA/QC Program
- Can be used as a marking tool - "CST's On Duty"
- Can be used as a career ladder which creates a promotional tool within your firm or agency
- Can be used in conjunction with training
- Raises the bar and creates healthy competition
- Better qualified staff - more production - more profit - you can pay your staff more - you can attract better staff - your job becomes easier
- Better qualified staff - less mistakes - reputation improves - more business

Is the CST program something you are interested in? In my opinion it should be; how do you train and prepare your technicians to perform the field work these days? This is a proven system used nation wide in which to measure the abilities of your technical staff.

For more information about the CST program contact:

**Walter M. Cunningham, PLS**

**Associate Professor**

**SLCC Geomatics Program**

**PH: (801) 957-4176**

**walt.cunningham@slcc.edu**

Thanks for listening to my soap box speech. Don't miss the report on the Trig-Star program in this newsletter, and in the next few weeks we should have a date and place for the Convention in the spring.

The April Newsletter "Where is it" picture is a rock formation known as Balance Rock, located north of Helper Utah.

The winners are:

1st Brad Marz, Aero-graphics

2nd Matt Peterson, ESI Engineering

3rd Chales Heaton, ESI Engineering

The UCLS Publication Committee needs your help! We invite you to share charismatic photos of yourself and/or a coworker, panoramic images of Utah's scenic wonders, and pictures of survey related tools or equipment.

These pictures and images may be anonymously emailed to Susan ([smerrill@ucls.org](mailto:smerrill@ucls.org)) or [mail@ucls.org](mailto:mail@ucls.org)



# UTAH TRIG - STAR CONTEST RESULTS

2011-2012

By: Brad Peterson



## 2011-2012 State Trig-Star Contest Results:

Again the surveyors and teachers in the state have increased their efforts and have successfully protored local contests in 10 schools throughout the state. A total of 109 students and 11 teachers have participated in the program. Thanks goes out to those sponsors that have done a great job relating our profession with the mastery of math in the high school environment.

Below is a table showing the results of the State Contest. The top 3 students from each local contest are entered into the State contest. This year the Winners of the State Contest are: First Place - Brett Loertscher from Clearfield High School, Second Place - Joel Syphus from Dixie High School, and Third Place - Steven Free from Syracuse High School. This year the UCLS will award a combined total of \$4,400 to the local and state winners of the Trig-Star Contest.

Place	Student	Score	Time	School	Sponsor	Teacher
1	Brett Loertscher	82	0:34:34	Clearfield	Brad Mortensen	Ashley Martin
2	Joel Syphus	75	0:24:00	Dixie	Clay Tolbert	SarahMendenhall
3	Steven Free	75	0:26:15	Syracuse	Brad Mortensen	Jamie Bateman
4	Supraj Praltash	75	0:38:10	Clearfield	Brad Mortensen	Ashley Martin
5	Greg Hoffmann	75	0:40:49	Syracuse	Brad Mortensen	Jamie Bateman
6	Mark Cook	75	0:45:50	Rich	Surveyor Sherbel	Glen Smith
7	Tyler Kipper	75	0:57:48	Morgan	Trent Williams	Heidi Valdez
8	Matt Richards	75	0:58:39	Desert Hills	Bob Hermandson	Dow Christenson
9	Kazdeu Jolley	75	0:59:35	Hurricane	Arthur LeBaron	Kenneth Cahoon & Shelly Kidd-Thomas
10	Tyler Bowles	75	1:00:00	Syracuse	Brad Mortensen	Jamie Bateman
11	Brinli Milewski	75	1:00:00	Dixie	Clay Tolbert	Sarah Mendenhall
12	Leesha Porter	75	1:00:00	Northridge	Dallas Buttars	Wayne Sumner
13	Christian Wiscombe	70	0:57:14	Morgan	Trent Williams	Heidi Valdez
14	Callie Dearden	70	1:00:00	EskDale	Bill Dearden	Teresa Conrad
15	Kami May	69	0:33:50	Rich	Surveyor Sherbel	Glen Smith
16	Jared Cahoon	69	0:44:30	Hurricane	Arthur LeBaron	Kenneth Cahoon & Shelly Kidd-Thomas
17	Veronica Jacobs	65	0:24:54	Clearfield	Brad Mortensen	Ashley Martin
18	Amber Clark	65	0:33:10	Rich	Surveyor Sherbel	Glen Smith
19	Sarai Patterson	65	1:00:00	Desert Hills	Bob hermandson	Dow Christenson
20	Cierra Stratton	60	0:43:51	Hurricane	Arthur LeBaron	Kenneth Cahoon & Shelly Kidd-Thomas
21	Jeff Glauser	57	00:58:12	Dixie	Clay Tolbert	Sarah Mendenhall
22	Jolynn Jones	55	0:49:40	Northridge	Dallas Buttars	Wayne Sumner
23	Zachary Childs	55	1:00:00	EskDale	Bill Dearden	Teresa Conrad
24	Alyssa Walton	46	0:32:50	Northridge	Dallas Buttars	Wayne Sumner
25	Seanna Thornton	45	0:47:20	Morgan	Trent Williams	Heidi Valdez
26	Matthew Oftedahl	45	0:49:25	Cedar	Shad Hall	Vicki Heaton
27	David Huang	45	0:59:01	Cedar	Shad Hall	Vicki Heaton
28	Rakael Hinton	45	0:59:17	Desert Hills	Bob Hermandson	Dow Christenson
29	Mark Hayward	44	1:00:00	EskDale	Bill Dearden	Teresa Conrad
30	Stephen Solomon	39	1:00:00	Cedar	Shad Hall	Vicki Heaton

**UCLS Board Meeting Agenda**  
**May 12, 2012**  
**9:00 A.M.**  
**Utah County Public Works Building**  
**2855 South State Street**  
**Provo, Utah**  
**(Breakfast Included)**

- I) Welcome & Call to Order - Brad Mortensen
- II) Roll Call
- III) Additions to Agenda
- IV) Approval of Minutes
- V) Secretary Report -
  - a) Budget review
  - b) Committee budgets to be submitted
- VI) Old Business
  - a) Change to bylaws for lifetime achievement award Nov 2011
- VII) Follow Up Items
  - a) UCLS letter of support to for Rhode Island's proposal to remove "engineering surveys" from the NCEES Model Law
- VIII) New Items
  - a) NSPS 100% State Membership Discussion Item
  - b) John Rector from Operating Engineers Local 3 Discussion Item
- IX) Committee Reports
  - a) Membership
  - b) Public Relations
  - c) Legislation
    - i) Discussion of SB 174
    - ii) 4-Year Degree Bill
    - iii) Planning Related Bill Summary
    - iv) Proof of Beneficial Use Reports issue
  - d) Education
  - e) Publication
  - f) Workshop & Convention
    - i) Fall Forum (September 7, 2012)
    - ii) Date, Plan and Schedule for 2013 Conference
  - g) Standards and Ethics
  - h) Testing
  - i) Historical
  - j) Construction Surveying
- X) Chapter Reports
  - a) Book Cliffs
  - b) Color Country
  - c) Golden Spike
  - d) Salt Lake
  - e) Timpanogos
- XI) NSPS Report
- XII) WestFed Report
- XIII) UCS Report
- XIV) Adjourn

**Note: As always, the final minutes to this meeting may be found on the UCLS Website**

## UCLS Committee Reports

### Legislative Committee

By: Dale Robinson

April 25th, 2012

The Legislative Committee continues to meet on the 2nd Wednesday of the month. Our next meeting is May 9th. Here is what we are working on:

We are finishing a "white paper" that clarifies 17-23-17. Our goal is to build consensus among surveyors of the minimum statutory requirements and clarify those requirements that are suffering from various interpretations. We have explored the intent of the law and identified the common practice by the professional surveyor. We have paid special attention to the surveyor ability to apply their professional discretion. We will be submitting our final product for adoption by the UCLS and the County Surveyors this summer.

We will pursue legislation for the decriminalization of trespass by surveyors while accessing section corners required for surveys. 76-6-206.3 enacted in 2009 states that *"a person is guilty of a class B misdemeanor criminal offense of criminal trespass, if without authorization or right under state law, the person enters or remains on land which notice prohibiting entry is given by personal communication, fencing, or posted signs or markers."* Our goal is a right-of-entry exception.

We will outline the creation and operating policies for a Political Action Committee to advance the interests of the UCLS.

The Legislature passed SB 174 Land Use Authority Amendments - this amendment eliminates the requirement for a record of survey plat when dividing agricultural lots. Read the enrolled bill here: <http://le.utah.gov/~2012/bills/sbillenr/sb0174.pdf>

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### Historical Committee

By: K. Greg Hansen

The Historical Committee is only meeting every other month. Our next meeting is May 16, 2012. I don't have anything new to write up different than what I submitted for the April News Letter.

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### Education Committee

By: Dan Perry

The April meeting was canceled. The next scheduled meeting will be:

May 24th, 2012

UVU Campus CS714 (a campus map can be provided)

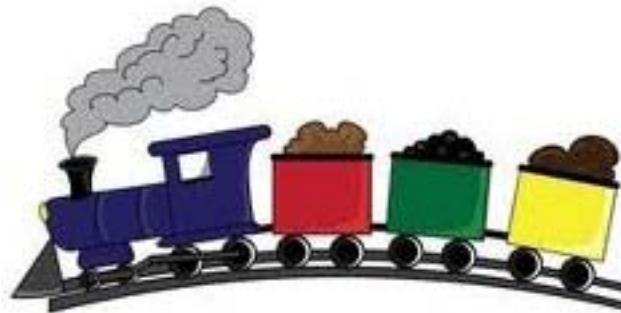
6:00 to 7:00 pm

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### Standards & Ethics Committee

By: Matt Clark

We are still trying to hammer out some clarification language for the Corner Record Guide document but more information will be reported next month.



### Railroad Tracks

The US Standard railroad gauge (distance between the rails) is 4 feet, 8.5 inches. That's an exceedingly odd number.

Why was the gauge used? Because that's the way they built them in England, and English expatriates designed the US railroads.

Why did the English build them like that? Because the first rail lines were built by the same people who built the pre-railroad tramways, and that's the gauge they used.

Why did 'they' use that gauge then? Because the people who built the tramways used the same jigs and tools that they had used for building wagons, which used that wheel spacing.

Why did the wagons have that particular odd wheel spacing? Well, if they tried to use any other spacing, the wagon wheels would break on some of the old, long distance roads in England, because that's the spacing of the wheel ruts.

So who built those old rutted roads? Imperial Rome built the first long distance roads in Europe (including England) for their legions. Those roads have been used ever since. And the ruts in the roads? Roman war chariots formed the initial ruts, which everyone else had to match for fear of destroying their wagon wheels.

Since the chariots were made for Imperial Rome, they were all alike in the matter of wheel spacing. Therefore the United States standard railroad of 4 feet, 8.5 inches is derived from the original specifications for an Imperial Roman war chariot.

So the Next time you are handed a specification/procedure/process and wonder 'what horse's ass came up with this?'; you may be exactly right. Imperial Roman army chariots were made just wide enough to accommodate the rear ends of two war horses.

## UCLS Committee Reports Continued

### Publication Committee

By: Keith Russell

Place: Ensign Engineering  
45 West 1000 South  
Sandy, Utah

Attendees: Steve Keisel, Keith Russell, David Balling, Jerry Fletcher, John Halleck

- 1) Steve reviewed the past 2 year history of the publication committee, how the committee (of one) was functioning and what the goals and duties of the committee should be.
- 2) Steve discussed the current UCLS contract with News Link Group for publication of the Foresights. Steve noted the difficulty of selling advertising for an e-magazine but a printed magazine will sell advertising. The current contract is that UCLS gets the Foresights Magazine for free and News Link Group markets and sells advertising and keeps all revenue from those marketing efforts. No cost to UCLS for the magazine.
- 3) A discussion was had about the possibility of advertising in the Newsletter and the general conclusion was that there was no good way to generate income from the newsletter through advertising.
- 4) A budget for the year 2012 was decided upon based upon the request from the UCLS Executive Committee:
  - a. Publication cost at \$50 per page with a 10 page minimum equals \$500.00 per publication.
  - b. Monthly publications except for February and August when the Foresights Magazine is published.
  - c. A cash payment of up to \$25.00 was discussed for anyone contributing to the Newsletter.
  - d. An annual dinner/social for members of the committee was also discussed.
    - i. Total Budget is \$5,000 for publication of the newsletter, \$1,000 for contributions to the newsletter and \$250 for the committee dinner/social. Total budget \$6,250.
- 5) The Newsletter was broken down to sections and each committee member was assigned a section be responsible for. The information to be in each monthly newsletter is to be gathered by the committee member and delivered to Steve Keisel for layout and publication by the 25th day of the month.
  - i. Steve Keisel - Affiliate Reports
  - ii. Keith Russell - Committee Reports
  - iii. David Balling - UCLS Executive, West Fed, NSPS, and UCLS Chapter Reports
  - iv. John Hallack - Cover Page, "Who, What, Where" section and Personal Bio Section
  - v. Jerry Fletcher- Historical Section
  - vi. \_\_\_\_\_ - Articles from UCLS Members or republications from other magazines or newsletters
- 6) The next meeting was to be in approximately 3 months with the actual date to be determined in June.

Thanks to Steve Keisel who has been heading up the publication committee of ONE for the past couple years. We now have additional committee members to help take some the burden of responsibility from Steve. The committee wants to encourage any member of the UCLS to submit articles, facts, pictures or bits of information for publication in the Newsletter. A gift certificate will be awarded to anyone published. You can submit your information to any of the following publication committee members.

Steve Keisel    [SKeisel@slco.org](mailto:SKeisel@slco.org)  
Jerry Fletcher    [jf\\_caddman@yahoo.com](mailto:jf_caddman@yahoo.com)  
John Halleck    [john.halleck@utah.edu](mailto:john.halleck@utah.edu)  
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Keith Russell    [keith@ensignutah.com](mailto:keith@ensignutah.com)  
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David Balling    [dksballing@msn.com](mailto:dksballing@msn.com)  
James Fisher    [jfisher@merid-eng.com](mailto:jfisher@merid-eng.com)

### Did You Know?

Baker's Dozen - If you buy a dozen loaves of bread, bakers usually throw one in for free, so baker's dozen means 13. They didn't do this out of the goodness of their heart: the practice came to be in the 13th century, when a medieval English law made it so a baker could be punished by chopping his hand off with an axe if he was found to be shortchanging a customer. Tossing in an extra loaf of bread seemed to be a prudent way of keeping one's hand.

## Chapter Reports

### Color Country Chapter

By: Scott Woolsey

The Color Country Chapter had a luncheon meeting on March 28th where we discussed the needs of the local surveyors in updating the survey control and to protect the survey monuments.

It was determined that we would form an HCN Ad Hoc committee to focus on what we can do to help in the process. Scott Bishop volunteered to be the leader of the committee. We asked for volunteers to be on the committee and we had a good mix of surveyors who asked to help.

Through email here is the initial scope of what the committee is going to do:

1. Brainstorm, gather thoughts and concepts - review. (completed/ongoing)
2. Meet and develop startegy/plan and determine if this is actually what we want to do. (April 17, 12:00...)
3. Present our strategy/plan to the entire Chapter, recieve feedback and direction. (Next chapter meeting - if we are prepared)
4. Proceed as directed by our chapter officers.

After a few weeks of getting their ideas together and determining a day to meet and put in place a plan, the committee got together and discussed what possible thing could be done. The Committee is in the process of finalizing their report to the chapter.

Thank you Scott Bishop for keeping the committee functioning and on task.

The Chapter is in the process of doing a follow up luncheon meeting to discuss the findings of the committee on the Horizontal Control problem and will also be putting together a luncheon on updating the platting and application process with St. George City.

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### Timpanogos Chapter

By: Dennis Carlisle

The Timp Chapter held their first luncheon on March 29th. We had a good attendance while enjoyyng a presentation on aerial mapping and photography from Brad Marz of Aerographics. It was interesting to learn about the most recent advances and available technologies in that industry. Our next chapter luncheon will be held on Thursday, May 17th in Orem. Our guest speaker will be Sean Fernandez, State Cadastral Surveyor. We invite all to attend as we learn more about the The Utah Reference Network (TURN) GPS. We are planning a Summer Social for all chapter members and their families sometime in August. More details to come.

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### Golden Spike Chapter

By: David Balling

On April 19 Debbie Richards, the assistant city engineer of Layton City discussed and answer questions in her city. That meeting was held at the Golden Corral in Layton. I think that the biggest issue is the fact that she said Layton is no longer requiring monuments for the subdivision. This caused a big stir. I believe we convinced her to change that and we suggested that they have then verified also. A lot of logistical questions we answered about plats in Layton.

On May 17 our chapter meeting will be held at **2:00** at Robintino's (1385 S 500 W). Paul Rowland and the Bountiful City Engineering Department will address us. This should be very entertaining.

On June 19 we will entertain Essy Rahimzadgan and UDOT workings Northern Utah.

Please come and learn with us, socialize with great people, and leave with a good feeling in your stomach.

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### Book Cliffs Chapter

No Report Submitted

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### Salt Lake Chapter

No Report Submitted

### Did You Know?

Blink - Oh, every few decades somebody proposed that instead of using 24 pesky hours, why not divide the day into units of 10. Basically 1 day is divided into 10 hours, each hour into 100 minutes, and each minute into 100 metric seconds or blinks. A blink works out be 0.864 second, which ironically is twice the time it takes for you to blink your eye.



Brigham Young - Condominium Conveyance

Submitted by Matt Clark

This Indenture, made this 14<sup>th</sup> day of January, in the year one Thousand Eight Hundred and fifty two between Brigham Young, as Trustee in Trust for the Church of Jesus Christ of Latterday Saints, of Great Salt Lake County in the Territory of Utah, of the first part; and the Territory of Utah which contracts by Edwin S. Wooly, their agent duly appointed and authorized for that purpose by the Governor and Legislative Assembly of said Territory, of the second part.

Witnesseth, that the said party of the first part, for and in consideration of the sum of Eighteen Thousand Five Hundred Dollars, lawful money of the United States, to him in hand paid before the delivery hereof, hath bargained and sold, and by these Presents doth grant and convey to the said party of the second part, and their Assigns, for the use of said Territory, the following described premises, to wit:

The large Hall, and the North East and North West Square Rooms in the basement story, also the North East Square Room in the upper story of that large building known as the Council House, and situated on the North East Corner of Lot number eight (8) in block number Seventy-six (76) of Great Salt Lake City, in the county and Territory aforesaid.

And the said party of the first part, doth hereby covenant and agree with the said party of the second part, that at the time of the delivery hereof, the said party of the first part, as Trustee in Trust for the Church of Jesus Christ of Latterday Saints is the lawful owner of the premises above granted, and that he will warrant and defend the same in the quiet and peaceable possession of the said party of the second part and their assigns.

In witness whereof, I have hereunto set my Hand and Seal this 14<sup>th</sup> day of January A. D. one Thousand Eight Hundred and fifty two

Brigham Young

Territory of Utah } ss  
Great Salt Lake County }

Personally appeared before the undersigned Notary public in and for said county and Territory, Brigham Young who I know to be the person who made and executed the above deed or Conveyance and acknowledged that he had made and performed the same for the uses and purposes therein specified.

In testimony whereof I have hereunto set my hand and affixed my Notarial Seal of office at Great Salt Lake City this 14<sup>th</sup> day of January A. D. 1852

## ACCESSING AND UTILIZING THE UCLS HISTORICAL DIGITAL REPOSITORY

The Historical Committee has set up a digital repository of historical data which can be accessed by going to the Mountain West Digital Library Website at <http://www.mwdl.org/>



then scrolling down the Browse by Partner list to Utah Council of Land Surveyors, which brings up our partner page. From there you can click the Browse all records link or type in a search term to search for a particular record.

Currently the library has interesting information and photos for some of the key monuments located in and around Utah, such as the Great Salt Lake Base and Meridian monument, the Utah-Wyoming corner monument, the Initial Point on the Utah-Nevada border, and the Four Corners Monument.

The Historical Committee plans on having all of the UCLS Calendars placed in the repository. If you have information that you think would be useful to others and should be placed in the library please send to the UCLS Historical Committee Chair Greg Hansen ([gregh@haies.net](mailto:gregh@haies.net)) or Dan Perry ([perrydl@uvu.edu](mailto:perrydl@uvu.edu))



### Great Salt Lake Base & Meridian:

The Great Salt Lake Base & Meridian point was fixed by Orson Pratt and Henry G. Sherwood on August 3, 1847 when beginning the survey of 'Great Salt Lake City'. The city streets were named and numbered from this point. In August of 1855 David H. Burr set the stone monument shown, and established it as the initial point of the public land surveys in Utah.

The stone base of an astronomical station is located a short distance away within the LDS temple grounds. It was established by George W. Dean on September 30, 1869 and was used to determine the true latitude and longitude of the point.

This monument can be found in downtown Salt Lake City at the Northwest corner of Main Street and South Temple Street. The monument is located outside of the temple walls. The temple grounds are open to the public. GPS coordinates obtained using a recreational grade GPS are: Latitude N40°46.157, Longitude W111°53.487.



Submitted by: William Brown, PLS

## National Society of Professional Surveyors

6 Montgomery Village Avenue, Suite 403, Gaithersburg, MD 20879

Phone: 240-632-8950 \* Fax: 240-632-1321

[www.nspsmo.org](http://www.nspsmo.org)

### A member organization of the American Congress on Surveying and Mapping

#### Plan of Merger Approved by ACSM MOs

On March 21, 2012 the members of ACSM (its three Member Organizations -AAGS, GLIS, and NSPS) unanimously approved the Plan of Merger proposed for the corporate entities of NSPS and ACSM. The Plan of Merger can be viewed from the NSPS website ([www.nspsmo.org](http://www.nspsmo.org)) or the ACSM website ([www.acsm.net](http://www.acsm.net)).

Considering that NSPS is the other party involved, NSPS must have its membership also approve the Plan of Merger.

#### Brief Summary of the Issue:

During the time since its motion in April 2010 to withdraw as a Member Organization (MO) of ACSM, NSPS (the largest of the MOs, with approximately 93% of the cumulative membership) has been working with the two other ACSM MOs (AAGS and GLIS) to reorganize our national organization into a single entity that represents the interests of the entire profession of surveying in its broadest definition, to include all of the various practice activities, and practitioners.

As a result of the negotiations, the plan that emerged was to merge the ACSM corporate identity in Washington, DC into the NSPS corporate identity in Maryland. The attorneys who were hired to assist in developing the Plan of Merger suggested this arrangement because their opinion is that being a non-profit in Maryland is a better situation than in Washington, DC. The surveying entity resulting from the merger will be NSPS, with rights to all ACSM assets and liabilities being transferred to NSPS. Whether or not a new name is chosen is yet to be determined at a later date.

Neither AAGS nor GLIS will be a part of the merger at this point. AAGS has expressed an interest in having an affiliation with the soon-to-be merged entity, along with developing a Memorandum of Understanding (MOU) for services to be provided. AAGS is still considering a merger with NSPS later on. GLIS has not expressed such interest at this point. AAGS also is willing to pay for its continued participation in the organization's activities with ABET and FIG.

Among the major reasons the merger option was selected is to preserve the role in ABET that is currently played by ACSM as the Lead Society of the evaluation of surveying/geomatics, etc. degree programs. ABET has indicated that in a merger situation, notification of a name change is sufficient to maintain Lead Society status. If the merger does not occur, and NSPS withdraws from ACSM, the situation for maintaining Lead Society status in ABET would be difficult. ACSM would likely cease to exist in any form (due to the fact that over 90% of individual members would have gone with NSPS), or at least ACSM would have difficulty paying ABET membership dues, and fees associated with being the Lead Society. In any case, without the merger, NSPS would need to become a member society of ABET and seek to replace ACSM as Lead Society, very likely in competition with other ABET member societies.

FIG membership can also be preserved through notification of a name change.

**If you have questions about this issue, please contact NSPS/ACSM Executive Director Curt Sumner at [curtis.sumner@acsm.net](mailto:curtis.sumner@acsm.net), or 240-632-9716, ext. 106**

#### Did You Know?

Scoville - Named after its creator, chemist Wilbur Scoville, this unit measures the hotness of a chili pepper. A Scoville is the dilution factor of a solution of chili pepper extract until the "heat" (the amount of the chemical capsaicin) is no longer detectable to tasters.

A bell pepper has a Scoville rating of 0, whereas a habanero has a rating of 200,000 (meaning a solution of habanero extract needs to be diluted 1:200,000 before the heat goes away). The hottest pepper in the world is the Naga Jolokia, with 1.05 million Scoville. A pepper spray is rated between 2 and 5.3 million Scoville.

**Agenda**  
**PROFESSIONAL ENGINEERS AND PROFESSIONAL**  
**LAND SURVEYORS LICENSING BOARD MEETING**  
**AND RULE HEARING**

**May 16, 2012, 9:00 A.M. - 12:30 P.M.**

**Room 474 - 4th Floor**

Heber M. Wells Building

160 E. 300 S. Salt Lake City, Utah

*This agenda is subject to change up to 24 hours prior to the meeting.*

**9:00 - 9:15 Rule Hearing - PE/PLS Licensing Act Rule, R156-22**

**ADMINISTRATIVE BUSINESS:**

1. Call meeting to order
2. Sign travel reimbursement
3. Review and approve minutes dated March 21, 2012
4. Compliance report
5. Preliminary review of discussion items

**APPOINTMENTS:**

- 9:45 A.M. - R. Craig Brown, probation interview
- 10:00 A.M.- Clayton McFall, probation interview
- 10:20 A.M. - Paul Barr, applicant for PE license
- 10:40 A.M. - Ramesh Goel, future applicant for PE license
- 11:00 A.M. - Khalid Ibrahim, future applicant for PE license

**DISCUSSION ITEMS: 11:30 A.M. - 12:30 P.M.**

1. Communication of licensure information to engineering students at Utah schools
2. Continued discussion regarding proposal to amend seal requirements in R156-22-601
3. Identification of Board members to attend NCEES Annual Meeting August 22-25, 2012
4. Question regarding requirement for length of retention of sealed documents.
5. Update regarding 3 upcoming Board vacancies (land surveyor, electrical engineer, structural engineer)

**2012 Board meetings have been tentatively scheduled:**

July 18, September 19, November 21

**NEXT SCHEDULED MEETING:**

July 18, 2012

**Note:** In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify, Dave Taylor, ADA Coordinator, at least three working days prior to the meeting. Division of Occupational & Professional Licensing, 160 East 300 South, Salt Lake City, Utah 84115, 801-530-6628 or toll- free in Utah only 866-275-3675.

**Note: Minutes to this meeting may be found on the DOPL Website**

**Did You Know?**

Big Mac Index - a measure of exchange rates (actually purchasing power parity) between two currencies. It was defined by Economist's editor Pam Woodall to measure whether a currency is under - or overvalued. She used a Big Mac because the burger is produced in about 120 countries.

The easiest way to explain this is by an example: say you want to know whether the exchange rate between the dollar and the British pound, say \$2= £1, is fair. You take the price of a Big Mac in the US (\$3.57) and in Britain (£2.29). The idea is the price of a Big Mac should be equal in both countries, relative to their currencies - the implied purchasing power parity is  $3.57/2.29=1.56$ . But the exchange rate is 2/1 - so this means that the pound is overvalued against the dollar by 28% (2 divided by 1.56).

**Utah State Legislative 2012 General Session**  
**Planning & Development Services Summary**  
**Planning and Development Services, LLC**  
Attn: Bruce W. Parker, AICP  
Salt Lake City, Utah  
801-277-4435  
pds@utahplanning.com

The 2012 Utah Legislature considered a total of 807 Bills, 48 Joint Resolutions, 28 Concurrent Resolutions, and 8 House or Senate Resolutions.

**HOUSE BILL 273 - MUNICIPAL AND COUNTY DEVELOPMENT STANDARDS** (Amends §10-9a-509, §10-9a-212, §17-27a-508 and §17-27a-212).

Affects the notice requirements for any changes to public improvement specifications and when new specifications can be applied.

- 1) Prior to making any changes to a specification for a public improvement, requires a municipality or county to give a 30-day mailed notice, and the opportunity to comment, to any party who has requested, in writing, that such notice be provided. Removes the requirement to hold a public hearing.
- 2) With very limited exceptions, prohibits a municipality or county from imposing new public improvement specifications on a subdivision, or other development, after a complete subdivision or development application has been provided and the payment of all application fees has been made.

This Bill further strengthens the importance of identifying what constitutes a complete land use (subdivision, site plan, or other development) application, and the importance of an affirmative determination when a complete application is provided to municipality or county.

**HOUSE BILL 302 - LAND USE PENALTIES** (Amends §10-9a-803 and §17-27a-803).

Before a municipality or county can impose a penalty for the violation any land use ordinance requirement the municipality or county must provide written notice of each violation to the owner of record, or the owner's agent. The required municipal or county notice must; (i) be provided to the address of the owner of record, or the owner's agent; (ii) provide a reasonable opportunity to correct the notice violation, and; (iii) identify the penalties that may be imposed by the municipality or county if the violation remains uncorrected after a date certain.

This Bill requires that a municipality or county must provide notice and allow an owner a reasonable opportunity to correct a land use ordinance violation before proceeding with any enforcement action.

**SENATE BILL 165 - REDEVELOPMENT AGENCY AMENDMENTS** (Amends various requirements of Title 17C, §63G-6-103 and repeals §63G-6-104).

Makes various revisions related to community development and renewal agencies. The Bill makes a variety technical and definition revisions and amends the notice required for the creation of a community development and renewal agency. Provides authority for a public entity to plan, plat, repeat, zone, or rezone property located in a project area. Addresses issues related to overlapping project area boundaries and addresses tax increment and sales tax collections. Affects taxing entity committee duties related to project area base taxable values and tax increment payments.

A municipality or county with and existing community development and renewal agency (redevelopment agency under previous law), and any project area plans, should understand and become very familiar with the new requirements provided by this Bill.

**SENATE BILL 174 - LAND USE AUTHORITY AMENDMENTS** (Amends §17-27a-605).

SB 174 is best described as the "Agricultural Land Divisions" Bill. Allows an owner to create a lot or parcel for agricultural uses, as defined by §59-2-502 Utah Code, exempt from all minimum lot size requirements and land use authority approval, if the owner records with the county recorder notice; (1) describing the parcel by legal description; and (2) stating the lot or parcel will be used for agricultural purposes only, until a future zoning change allows other uses. If the lot or parcel is used for a nonagricultural use the county shall require compliance with all land use ordinance requirements, as applicable.

The division of agricultural lands in Utah counties has been a reoccurring issue with the State Legislature. This Bill allows for the creation by the owner of smaller lots and parcels, for agricultural purposes only, than may be allowed by the zoning district in which the property is located. The proponents of Bill 174 agreed to discuss various issues related to agricultural divisions further during the legislative interim, including possible inconsistencies within §17-27a-605, and agricultural land divisions versus minor subdivision requirements.