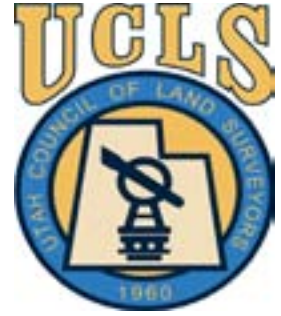


The UCLS Newsletter



Volume 4 Issue 9

January 2016

Where is it



Although it is not natural - it is way impressive. Can you identify this spectacular ice formation? Be the first to respond and correctly identify where in Utah this jewel is found and you become eligible for a free lunch at your next chapter meeting. Answers may be emailed to Susan at srmerril@ucls.org. The earliest received date and its time of response will determine the winner.

In this issue: We conclude the fifth of five articles by Knud Hermansen regarding common research mistake that Surveyors make. Please let us know if you would like copies of his articles.

Would you like a free iPad? NSPS is redesigning their logo and would like your ideas and are therefore holding a design completion for the iPad.

Our amazing workshop and convention committee have provided us with the latest and greatest conference news and we introduce you to two more of our outstanding members.

Are you interested in buying an antique transit? If so, check out the add on page 7.

Included in this month's newsletter is another Dastardly Deed and North Arrows of our members.

We invite you to share charismatic photos of yourself and/or a coworker, panoramic images of Utah's scenic wonders, or pictures of survey related tools and equipment. Additionally, we need interesting and unique descriptions or survey related stories to share with our membership. Remember, if you do not participate you have no right to complain. Please let us know your thoughts, recommendations, suggestions, or complaints.

NOTICE

You can now register for the 2016 UCLS convention in Sunny St. George. Hotel reservations can also be made. See website for more details.

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"Surveyors are among the most fortunate of men since they build their own monuments.

- John Prebble

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Common Research Mistakes Surveyors Make

(Probate Records)

by

Knud E. Hermansen

P.L.S., P.E., Ph.D., Esq.

In previous articles, I have explained four of the five common mistakes made by surveyors in researching the records. In the first article, I discussed mistakes made in determining senior title often required when assessing the boundaries resulting from an overlap. In the second article, I explained the deficiency existing when a forward search is omitted. In the third of five common mistakes, I explained the necessity for researching the road records. In the fourth article, I discussed the deficiency in researching and identifying easements. In the final article, I will discuss probate records.

Some Surveyors have gone their entire career without ever researching property records that may be found in the office of the probate court (also known as “family,” “surrogate” or “orphans” court).

Probate records will often contain maps of the decedent’s property and descriptions of the property that are not found in the deeds. In some states, partition maps dividing up a decedent’s property among the heirs or devisees are filed in the probate records and are found nowhere else.

Also, it is not uncommon for boundary surveys of the decedent’s property to be among the decedent’s estate documents and can now be found in the probate records. As a consequence, many surveyors have overlooked valuable boundary information that is only available in the probate office.

In defense of those surveyors that have avoided performing research in the probate office, pertinent records are often extremely difficult to identify from the indices in the probate office.

For example, if the deed recites: *“Being the same property Christina Small inherited from her father,”* the researcher faces a difficult time finding the appropriate probate records for Christina’s father (assuming the father’s property passed through probate).

Probate records are typically indexed by the decedent’s name. Consequently, if Christina Small is her married name, the researcher would not know the decedent’s last name needed to enter the probate index.

Another problem that often arises with the probate records is the difficulty in looking at the decedent’s documents. While most registry of deeds attempt to make all records available for viewing, the probate office lacks that same goal. The chances are that the probate records will never be examined once they are filed and the estate closed. Accordingly, why attempt to store the records as if these records were to be examined frequently.

Describing typical weaknesses in the surveyor’s record search will not necessarily convince surveyors to undertake the tedious and time consuming research necessary to overcome the limitations that were explained. At the very least, the surveyor should inform the client of the deficiency in the research so the client can pay to have the deficiency eliminated or understand the potential deficiency in the research.

Knud is a professor in the surveying engineering technology program at the University of Maine. He offers consulting services in the area of boundary litigation, title, easements, land development, and alternate dispute resolution.

This is the fifth of a five part series regarding common research mistakes that Surveyors make. Please let us know if you want a copy of his series.

Standards & Ethics Report

Dale Bennett

The Standards and Ethics Committee met on October 15th and plan to meet again on November 19th. The two DOPL Investigators, Sharon Esplin and Jim Flygare have been meeting with us on a regular basis. We appreciate their willingness to reach out to us as they review cases. The committee is also currently working on creating a condominium plat standard to help fellow surveyors with the preparation of condominium plats. Also, the Standards and Ethics committee would like to share the following information that is in the Utah Criminal Code regarding the destruction of monuments:

NSPS Logo Contest Guidelines, Rules and Eligibility

The National Society of Professional Surveyors Foundation, Inc. is a multipurpose, non-profit corporation which provides an avenue to preserve the past and invest in the future of surveying, mapping, geographic and land information systems.

The NSPS Foundation needs help designing a logo and will be awarding an iPad to the chosen winner. To the right is the current logo. The NSPS Foundation seeks an updated look with updated survey equipment, methods or graphical depictions.

Eligibility

- Must be over the age of 18
- Must reside in the United States of America or US territories

Rules

- Has to be survey specific
- Try to abstain from using “classic” surveying equipment in design
- All entries must be submitted by January 29, 2016
- Logo will become property of the NSPS Foundation
- **Submit entries in a zipped file to nspsfoundationlogocontest@gmail.com**



Submission Requirements and Formats

- Raster images must be 300 dpi/ppi (dots per inch/pixels per inch) minimum.
- If available provide a scalable, vector, EPS or PDF format file.
- Full sized logo print should be submitted as a PDF to fill an 8.5”x11” size sheet of paper at 300 dpi/ppi minimum or vector format.
- All text shall be clearly readable when the logo is scaled down to 2”x2”.
- Name of organization may or may not be included in the logo.
- No width to height ratio requirement.
- Sized appropriately to be used with letterhead, newsletter, promotional material, print ads, and banners.

Check out our Facebook Page for more information or email nspsfoundationlogocontest@gmail.com

NSPS Report

Steve Dale

The NSPS fall meetings were held October 7-9, 2015 in Sandusky, Ohio. The following is a brief report of those meetings:

- The 2016 ALTA/NSPS Standards were adopted on October 8, 2015 by the American Land Title Association (ALTA) and on October 9, 2015 by the National Society of Professional Surveyors (NSPS). The new **MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS** go into effect on February 23, 2016 (see NSPS website for more information)
- The Certified Survey Technician (CST) Program is gaining a growing emphasis across the country. These are the individuals who represent Professional Land Surveyors in the field. Many states now require on site crews to have CST Certifications for State projects, such as DOTs and building facilities.
- NSPS board of directors appointed an ad-hoc committee to prepare a position statement on Unmanned Aerial Systems (U.A.S.) regulations and operations.

Make Your Mark in Your Business

Wednesday, February 17, 2016			
12:00-1:00	Registration		
1:00-1:30	Welcome – UCLS Annual Report – Opening Ceremonies Vendors Explain Survey Olympics at booth – Prizes		
1:30-5:00	OPUS-Projects Workshop Day 1 of 2 – Bill Stone		
1:30-3:00	2015 Update on UDOT Standards	ALTA/NSPS Standards Steve Keisel	Utah Water Rights Ross Hansen
3:00-3:30	Break/Survey Olympics		
3:30-5:00	2015 Update on UDOT Standards (repeat)	ALTA/NSPS Standards Steve Keisel (repeat)	Utah Water Rights Ross Hansen (repeat)

Thursday, February 18, 2016			
7:00-8:00	Late Registration – Breakfast		
8:00-5:00	OPUS-Projects Workshop Day 2 of 2 – Bill Stone		
8:00-10:00	Project Management Bootcamp, PSMJ – Keynote Speaker		
10:00-10:30	Break/Survey Olympics		
10:30-12:00	Project Management Bootcamp PSMJ (continued)	Certified Surveyor Technician Brad Daley	PLSS Sections and Lots, Tracts, & Parcels (BLM) Steven Hope
12:00-1:00	Lunch/Survey Olympics		
1:00-3:00	Project Management Bootcamp PSMJ (continued)	Field to Finish Shawn Herring	Case Studies, Original Corners (BLM) Daniel Webb
3:00-3:30	Break/Survey Olympics		
3:30-5:00	Project Management Bootcamp PSMJ (continued)	Field to Finish Shawn Herring (repeat)	Certified Surveyor Technician Brad Daley (repeat)
6:00-7:00	Installation/Awards Banquet (Surveyor of the Year – Lifetime Achievement)		
7:00-8:00	Entertainment (The Ericksen's – Southern Utah's Osmond's)		

Friday, February 19, 2016			
7:00-8:00	Late Registration – Breakfast		
8:00-10:00	Utah Property Rights Ombudsman, Brent Bateman – Keynote Speaker		
8:00-10:00	UDOT ROW Manual – James Olschewski		
10:00-10:30	Break/Survey Olympics		
10:30-12:00	UDOT ROW Manual (cont'd) James Olschewski	Surveyor as Expert Witness Mark Gregersen	NAD83 Evolution Bill Stone Sean Fernandez Val Schultz
10:30-12:00	Trig Star & Boy Scout Merit Badge Arthur L/ Brad M		
12:00-1:00	Lunch/Survey Olympics		
1:00-2:30	UDOT ROW Manual (cont'd) James Olschewski	Investigating Unlawful and Unprofessional Conduct - DOPL Sharon Esplin	Title Insurance Planning Comm. Gary Christensen Nathan Fisher
1:00-2:30	Ten Mistakes Surveyors Make Mark Silver		
2:30-3:00	Break		
3:00-3:30	Separate Into Chapters for a quick Chapter Meeting		
3:30-5:00	Closing Remarks – Survey Olympic Winners – Live Auction – Raffle		

Getting to Know Our Members

Name: **Jason Felt**

Residing at: **Roy, UT**

My spouse is **Ronda** and I am a parent of **5 children**.

My hobbies and/or interests include **camping, hiking, fishing, reading, movies, and spending time with family**

When I retire, I want to **travel**.

I have been a member of the Utah Council of Land Surveyors since **2012**.

My current employer is **Great Basin Engineering**

My position or title is **Project Manager** and I am responsible for **survey and residential projects**.

I have been employed by this company since **2013** but have been involved in the surveying profession since **1997**.

I became a surveyor because I first began work as a **draftsman with a civil engineering firm in 1997**. **The profession was interesting to me so I began taking classes in Surveying**.

During the past **10** years, **evolution of G.P.S. technology** has had the greatest impact on the surveying profession. However, during the next **5** years, I believe **remote aerial surveying** will have the most influence on its future.



Name: **Darryl Fenn**

Residing at: **Taylorville, UT**

My spouse is **Wendy** and I am a parent of **3 children**.

My hobbies and/or interests include **ATV trail riding, woodworking, gardening, geocaching and firearms**.

When I retire, I want to **volunteer services to Christian organizations, vacation more, do more woodworking, restore an old truck and clean my garages**.

I have been a member of the Utah Council of Land Surveyors since **1986** and wish they would **solicit legislative action requiring land transaction boundary surveys and implement percentage based fees (similar to Realtor fees) for boundary surveys**.

My current employer is **Meridian Engineering, Inc.**

My position or title is **President** and I am responsible for **Profit & Loss, Summer & Christmas Parties**

I have been employed by this company since **7/1997** but have been involved in the surveying profession since **6/1979**

I became a surveyor because I was **flat broke after High School and needed work to take my future wife on dates... However, loving a challenge (especially outdoors) and having a bent toward history and science, surveying was (and still is) the perfect career for me**.

During the past **5** years, **3D LiDAR Mapping** has had the greatest impact on the surveying profession. However, during the next **5** years, I believe **Remote Sensing Improvements including Real-Time Spatial Inundation Mapping, Spectral Filters in DEM Mapping, Monitoring Sub and Surface Land-Use** will have the most influence on its future.

In my opinion, the future of surveying is **sprinting toward automation of accurate mass-data collection and integration into 3-5D design, construction, geo-system monitoring and information perpetuation**.



November What Is It?

Kevin Despain was the first member to correctly identify November's "What Is It" competition. Dallas Buttars was a close second followed by Chad Hill.

According to Wikipedia, A **payphone** is typically a coin-operated public telephone, often located in a telephone booth or a privacy hood, with pre-payment by interesting money (usually coins) or by billing a credit or debit card, or a telephone card. Prepaid calling cards also facilitate establishing a call by first calling the provided Toll-free telephone number, entering the card account number and pin, then the desired connection telephone number - also offering the benefit of establishing many telephone number connections during a single payphone session.

Payphones are often found in public places, transportation hubs such as airports or train stations, buses, convenience stores, malls, casinos, and on street corners. Some payphones, particularly at gas stations, are mounted in drive-up kiosk structures that can be used without leaving the vehicle. Payphone revenues have sharply declined in many places, largely due to the increased usage of mobile phones.



Transit For Sale

Would you like to buy an antique transit? Damion Harper has a transit that is in extremely good shape which he would like to sell. The transit has Queen & Co. at the south end of the compass and the numbers 5689 on the north end. The Transit was manufactured between 1888 & 1907. There are **no** cracks and all the bolts move easily. The scope and bubbles are visible, along with the numbers around the circle

Contact Damion at 801-687-9043 or harpersrywall74@outlook.com



Did you Know?

- There are 293 ways to make change for a dollar.
- The average person's left hand does 56% of the typing.
- A shark is the only fish that can blink with both eyes.
- There are more chickens than people in the world.
- The longest one-syllable word in the English language is "screched."
- On a Canadian two-dollar bill, the flag flying over the parliament building is an American flag.
- No word in the English language rhymes with month, orange, silver or purple.
- An ostrich's eye is bigger than its brain.
- Tigers have striped skin, not just striped fur.
- In most advertisements, the time displayed on a watch is 10:10.
- A dragonfly has a life span of 1-6 months
- A polar bear's skin is black. Its fur is not white, but actually clear.
- There are 336 dimples on a regulation golf ball.
- A snail can sleep for 3 years.
- If you keep a goldfish in the dark room, it will eventually turn white.
- Women blink nearly twice as much as men.



Citizen Science, Surveyors and Geodesy

By Frank Lenik, PLS

Citizen science is a term which has recently come into vogue, but which has been practiced for many years. It is the term which is used to describe the activities of ordinary people, participating in scientific work to augment research or to contribute data for analysis by professional scientists or scientific institutions.

I first participated in a citizen science project in 1971 when I took part in my first National Audubon Society Christmas Bird Census. At the age of twelve it was an adventure for me to try to identify and count all of the birds in fifteen mile diameter circle. Today, ornithologists and ecologists can look back over 114 years of continuous bird count data to see real trends in populations. Measurable scientific data, available to everyone because of one person's vision and the work of many dedicated volunteers.

The experience of land surveyors in the United States over the last few years collecting GNSS data during National Surveyor's Week has been an outstanding example of citizen science. The work of many dedicated individuals was gathered and shared for the good of the community. Under the auspices of the National Society of Professional Surveyors, hundreds of OPUS Shared Solution points were collected by the land surveying community and put into the hands of scientists at the National Geodetic Survey (NGS). Today, those scientists are incorporating this data, along with data from many other sources to create a new geodetic reference frame for the country. That model will serve not only the land surveying community, but all of the citizens of these United States.

Next year, National Surveyors Week will be celebrated from March 21 - 26, and we will have another opportunity to contribute data for incorporation into the new reference frame. The more data we contribute the better the model will be. So let's prepare ourselves for another GNSS field campaign to collect more OPUS Shared Solutions than ever before (<http://www.geodesy.noaa.gov/OPUS/view.jsp>). Theodore Roosevelt said "Every man owes a sacred obligation to the profession which gives him his livelihood." Stand up and be counted. When NGS introduces the new datum in 2023, I want to say that we were a part of that process.

Oxford English Dictionary

Citizen science n. scientific work undertaken by members of the general public, often in collaboration with or under the direction of professional scientists and scientific institutions.





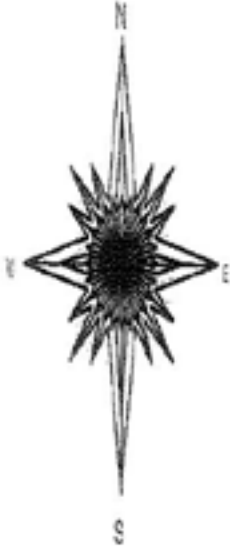
Frank Lenik is a licensed land surveyor from New Jersey. He is employed by Leica Geosystems and has been a member of NSPS since 1988.

New Years Did you know?

- The top three places to celebrate New Year's Eve are Las Vegas, Disney World and of course, New York City.
- Time Square New Year's Eve Ball was first dropped in 1907 after there was a fireworks ban.
- The tradition has continued in Times Square, except for in 1942 and 1943. The ball was not lowered because of wartime restrictions.
- In Italy, people wear red underwear on New Year's Day to bring good luck all year long.
- In ancient Rome the new year began on March 1.
- The traditional New Year's song, "Auld Lang Syne," means, "times gone by."



Which North Arrow belongs to which company?

	A	B	C	D	E	
1 Diamond Design						1 = _____.
2 Rock Canyon Resources						2 = _____.
3 CIR Engineering						3 = _____.
4 Knighton & Crow						4 = _____.
5 Platt & Platt						5 = _____.

Answers on page 10



Know all Men by these Presents: 1300 201

THAT I, Ada B. Sanborn of Raymond, Rockingham County and State of New Hampshire,

for consideration paid, grant to Bert A. and Alice L. Robbins of Raymond, Rockingham County and State of New Hampshire with warranty covenants to the said Bert A. and Alice L. Robbins

as joint tenants with rights of survivorship, the following described tract of land which is located in Raymond, Rockingham County and State of New Hampshire near Governors Lake, which is bounded as follows:- Commencing at the South-Easterly corner of other land of said Grantees and running Westerly about (60) sixty feet, more or less, to the South-Westerly corner of other land of said Grantees by land of Wm. Seely Hutchinson, thence turning and running Southerly by said Hutchinson land about (59) fifty-nine feet, to an iron pipe driven in the ground by land of Silivalja, formerly Nilshey, thence turning and running Easterly by said Silivalja land about (60) sixty feet, more or less, to an iron pipe driven in the ground by other land of said Grantor, thence turning and running Northerly by said other land of said Grantor about (59) fifty-nine feet, more or less, to the bound begun at and containing by estimation (354) three hundred and fifty-four square feet. This is a portion of the land conveyed to me by Henry and Jennie B. Nowell, their deed of February 21st, 1942 and is now conveyed to the Grantees, Mr. and Mrs. Bert A. Robbins, as a token of our esteem and an appreciation of their friendship on the occasion of their Fiftieth Wedding Anniversary.

and I Ralph H. Sanborn

(husband)

of said grantor, relate to said grantee all debts of

and interest and other interests therein

Witness OUR HANDS and SEAL this 4th day of August 1952.

WITNESS

[Signature]

Ada B. Sanborn
Ralph H. Sanborn

Witness to both signatures.

STATE OF NEW HAMPSHIRE

COUNTY OF Rockingham

On this the 4th day of Aug. 1952, before me, the undersigned officer, personally appeared Ada B. and Ralph H. Sanborn, known to me (or satisfactorily proved) to be the person or persons whose names are subscribed to the within instrument, and acknowledged that they executed the same for the purposes therein contained. In witness whereof I hereunto set my hand and official seal.

[Signature]

Justice of the Peace.

Received and recorded Nov. 10, 11 A.M., 1953