



The Cornerpost

Journal of the Vermont Society of Land Surveyors

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The Cornerpost

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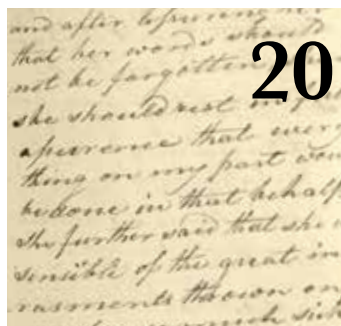
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President's Corner



Gayle Burchard and Bruce Agard at the fall 2015 conference at Killington Grand Resort and Conference Center. VSLS will return to Killington this September.

I am very happy to submit my first letter as president of VSLS. While I know that you're all busy and may not have time to read *The Cornerpost* cover to cover, I do hope you read some of the articles. We've been getting really good ones from our members, and Kelly does a spectacular job putting it all together for us. Thank you, Kelly, and everyone who is taking the time to contribute articles for our enjoyment.

I mentioned at the round tables that I thought it was time for a rehab of our bylaws, and I would like everyone to look at them and get back to the Executive Committee with comments and ideas. My primary goal is to have term limits for the officers. My reasoning for this is to try to encourage more of you, as members, to become involved with the association rather than just paying your dues and calling it good enough.

With technology being so advanced now, we don't have to have face-to-face meetings every month. We can meet using conference calls, Skype, etc., which will help members who live near the Vermont borders to be actively involved. I also think that people may be more willing to be on the board if they know it won't last forever.

The next question is "how long should the term be?" Should a person be vice president

for one year and president for two years, and then be on the board as past-president for one year? Or should we have a president-elect, vice president, president and past-president all serving one year terms? Should our treasurer and secretary serve a three-year term, or should it be more or less?

I also want to see our standing committees be more active. How many of you know how many standing committees there are? I would like to have people on all the committees and have each committee meet briefly at our seminar/business meetings. If there are issues

How many of you know how many standing committees there are? I would like to have people on all the committees and have each committee meet briefly at our seminar/business meetings.

that should be brought to the attention of the members, what better time than during our business meeting? It will be really great to have a nominating committee helping the executive board with nominees for positions on the board.

Hopefully this letter will get everyone thinking about what they want changed and how to go about it efficiently. Our bylaws are on our web page, so take a look at them and come to the Spring Seminar on April 8 ready to share your ideas. We'll be meeting at the Three Stallion Inn in Randolph, and you'll find a registration form on the back page.

See you soon, and stay healthy and safe!

Gayle

Gayle Burchard
VSLS President

You can review our bylaws at www.vsls.org, under the "About" tab.

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Acquiescence

An Introduction to Vermont Supreme Court Rulings

BY MALCOLM MOORE, L.S.

ACQUIESCENCE IN BOUNDARIES is related to adverse possession and prescription.

Legal requirements for creating a boundary by acquiescence are straightforward, as determined by Vermont's Supreme Court: mutual recognition of a given line by both adjoining for over 15 years. These conditions are consistent with the conditions to acquire title by adverse possession (166 Vt. 158, 138 Vt.

308, 102 Vt. 480, 91 Vt. 425).

Vermont land survey maps frequently show boundary lines and corners based merely on acquiescence. Common examples are corner and line markers not called for in deeds, or deed descriptions that simply name the abutters.

Be careful, because acquiescence involves mixed questions of law and fact (183 Vt. 574). Survey maps are expected to show the facts, including encroachments, but only a court

can determine whether occupation and use have ripened into adverse possession or a prescriptive right. (A great deal of boundary law in Vermont has been established by case law, or precedent set by prior court decisions, rather than by statute.)

📌 Place cautionary notes on your plats to indicate boundaries that are based on acquiescence rather than written records.

Acquiescence has been litigated repeatedly in Vermont. Below are key opinions of Vermont's Supreme Court related to acquiescence, with notes by this writer.

Vermont Supreme Court Case	Side Notes
<i>Mahoney v. Tara</i> , 2014 VT 90	
<i>Roy v. Woodstock Community Trust</i> , 2013 VT 100A	
<i>First Cong. Church of Enosburg v. Manley</i> , 183 Vt. 574 (2007)	
<i>Okemo Mtn. v. Lysobey</i> , 178 Vt. 608 (2005)	
<i>Lakeview Farm, Inc. v. Enman</i> , 166 Vt. 158 (1997)	evidence of acquiescence
<i>Heath. v. Dudley</i> , 148 Vt. 145 (1987)	extending range lines
<i>Beresford v. C.W.Cray & Sons</i> , 138 Vt. 308 (1980)	acquiescence leads to adverse possession
<i>Little v. Gray</i> , 137 Vt. 569 (1979)	acquiescence leads to adverse possession
<i>Barr's Estate v. Guay</i> 127 Vt. 374 (1969)	15 year period, continuity
<i>O'Neil v Buchanan</i> , 136 Vt. 331 (1978)	
<i>Barr v. Guay</i> , 125 Vt. 1 (1965)	last lot in a series
<i>Haklits v. Oldenburg</i> , 124 Vt. 199 (1964)	monuments v. dimensions
<i>Amey v. Hall</i> , 123 Vt. 62 (1962)	acquiescence leads to adverse possession
<i>Barrell v. Renahan</i> , 114 Vt. 23 (1944)	
<i>Neil v. Ward</i> , 103 Vt. 117 (1930)	original lot lines; physical evidence
<i>D'Orazio v. Pashby</i> , 102 Vt. 480 (1930)	acquiescence, adverse possession, and prescription
<i>Vermont Marble Co. v. Eastman</i> , 91 Vt. 425 (1917)	much boundary law
<i>Silsby. v. Kinsley</i> , 89 Vt. 263 (1915)	range lines, timber lots

Acquiescence means tacit consent – a mutual recognition of a given line by the adjoining owners. Mutual acquiescence for longer than 15 years can make a boundary legally effective by adverse possession.

Acquiescence in a wrong boundary will not establish it as the true boundary unless the demands of the statute of frauds or adverse possession are met.

Vermont Supreme Court Case	Side Notes
<i>Town of Brookline v. Town of Newfane</i> , 126 Vt. 179 (1966)	town lines
<i>Haklits v. Oldenburg</i> , 124 Vt. 199 (1964)	
<i>Amey v. Hall</i> , 123 Vt. 62 (1962)	
<i>D'Orazio v. Pashby</i> , 102 Vt. 480 (1930)	

ADVERSE POSSESSION means ownership of land obtained by occupation which is open, notorious, hostile, and continuous for at least 15 years (VT statutes 12 VSA 501 & 462, VT Reports 131 Vt. 268, 114 Vt. 23; also see *Fraleigh v. Minger*, 829 N.E.2d 476 (Ind. 2005). Adverse possession is a mixed question of law

and fact (183 Vt. 574, 125 Vt. 362). Survey maps are expected to show encroachments of occupation or use across the title boundaries, but land surveyors do not make decisions about adverse possession. The question of whether occupation has ripened into ownership can only be settled by a court.

Adverse possession has been litigated repeatedly in Vermont, and continues to be argued. Selected opinions of the Vermont Supreme Court are listed below. Hard copies of Vermont statutes (12 VSA Chapter 23) have many annotations regarding adverse possession and prescription.

Vermont Supreme Court Case	Side Notes
<i>Roy v. Woodstock Community Trust</i> , 2013 VT 100A	
<i>First Cong. Church of Enosburg v. Manley</i> , 183 Vt. 574 (2007)	
<i>Masons v. Wells & Denison</i> , 175 Vt. 382 (2003)	
<i>N.A.S. Holdings v. Connie Pafundi</i> , 169 Vt. 437(1999)	conditions for adverse possession
<i>In re .88 Acres Owned by the Town of Shelburne</i> , 165 Vt. 17 (1996)	public use
<i>Jarvis v. Gillespie</i> , 155 Vt. 633(1991)	nature of the parcel
<i>Lawrence v. Pelletier</i> , 154 Vt. 29 (1990)	tests for adverse possession
<i>In Re: Estate of Neil</i> , 152 Vt. 124 (1989)	co-tenants
<i>Cmty. Feed Store v. Northeast. Culvert Corp.</i> , 151 Vt. 152 (1989)	part actually occupied
<i>Brown v. Whitcomb</i> , 150 Vt. 106 (1988)	
<i>Moran v. Byrne</i> , 149 Vt. 353 (1988)	
<i>Whittemore v. Cooley</i> , 147 Vt. 529 (1986)	
<i>Harlow. v. Miller</i> , 147 Vt. 480 (1986)	
<i>Thibault v. Vartuli</i> , 143 Vt. 178 (1983)	
<i>Darling v. Ennis</i> , 138 Vt. 311 (1980)	conditions for adverse possession
<i>Deyrup v. Schmitt</i> , 132 Vt. 423 (1974)	
<i>Laird Properties v. Mad River Corp.</i> , 131 Vt. 268 (1973)	
<i>Higgins v. Ringwig</i> , 128 Vt. 534 (1970)	
<i>Barrell v. Renahan</i> , 114 Vt. 23 (1944)	
<i>D'Orazio v. Pashby</i> , 102 Vt. 480 (1930)	



Prescriptive Right means a right to a use by reason of continuous usage. The conditions are generally similar to the requirements for adverse possession (151 Vt. 152, 140 Vt. 60, 102 Vt. 480).

Vermont Supreme Court Case	Side Notes
<i>Community Feed Store v. Northeastern Culvert Corp.</i> , 151 Vt. 152 (1989)	
<i>Crabbe v. Veve Assoc.</i> , 150 Vt. 53 (1988)	
<i>Guilbault v. Bowley</i> , 146 Vt. 39 (1985)	
<i>Greenberg v. Hadwen</i> , 145 Vt. 112 (1984)	
<i>Traders, Inc. v. Bartholomew</i> , 142 Vt. 486 (1983)	compare with a way of necessity
<i>Patch v. Baird</i> , 140 Vt. 60 (1981)	
<i>Russell v. Pare</i> , 132 Vt. 397 (1974)	
<i>Higgins v. Ringwig</i> , 128 Vt. 534 (1970)	
<i>D'Orazio v. Pashby</i> , 102 Vt. 480 (1930)	rules for a prescriptive easement
<i>Vermont Marble Co. v. Eastman</i> , 91 Vt. 425 (1917)	much boundary law

Abandonment of an easement is difficult to prove:

- *LaGue, Inc. v. Royea*, 152 Vt. 499 (1989)
- *Nelson v. Bacon*, 113 Vt. 161 (1943)

Acquiescence in an easement:

- *Sweezy v. Neel*, 2006 VT 38

Location of an easement cannot be changed unilaterally:

- *Sargent v. Gagne*, 121 Vt. 1 (1958)
- *Cassani v. Hale*, 2010 VT 8

Constructive Possession means getting possession of an entire parcel through actual occupation of a part.

- *N.A.S. Holdings v. Connie Pafundi*, 169 Vt. 437 (1999)
- *Community Feed Store v. Northeastern Culvert Corp.*, 151 Vt. 152 (1989)
- *Laird Properties v. Mad River Corp.*, 131 Vt. 268 (1973)



Boundary agreements and deeds must be in writing and recorded (27 VSA §301-2 and §341-2). Where deed descriptions are ambiguous or conflicting, adjoining owners may create a new boundary by agreement:

1. Exchanging quitclaim deeds (usually based on a survey) is sufficient, not ambiguous, and final.
2. A written Boundary Agreement, recorded in the public land records, may be sufficient or may be challenged.

A parol agreement on a boundary is not conclusive unless followed by acquiescence of 15 years:

- *Camp v. Camp*, 59 Vt. 667 (1887)
- *Smith v. Bullock*, 16 Vt. 592 (1844)

Laches means neglect to assert a right, which after time bars that assertion. See Black's Law Dictionary.

- *In Re: Estate of Neil*, 152 Vt. 124 (1989)
- *Laird Properties v. Mad River Corp.*, 131 Vt. 268 (1973)

Estoppel means a bar, preventing assertion of something, because of one's prior assertions. See Black's Law Dictionary. A person is "estopped" from changing his position in a way that harms another.

- *Hadlock v. Poutre*, 139 Vt. 124 (1980)
- *Tallarico v. Brett*, 137 Vt. 52 (1979)
- *Laird Properties v. Mad River Corp.*, 131 Vt. 268 (1973)

The term "practical location" does not appear in a legal dictionary nor in a surveying dictionary.

a note...

This article is a summary for general information only, and may not be applicable in your specific circumstances. For legal advice, consult an attorney familiar with boundary law in Vermont.

Other Useful Information

- Read court opinions for the subtle and fascinating disputes that reach the Supreme Court, and to see how they have been decided. Hard copies of the Vermont Reports may be found at Vermont Law School's Cornell Library in South Royalton, at the Vermont State Library in Montpelier, at some county bar associations, and at some attorneys' offices.

- Supreme Court opinions since 2006 and Entry Orders since 1999 are online and searchable by keywords at the state Department of Libraries website:

➔ libraries.vermont.gov

- Entry Orders since July 2015 are on the Vermont Judiciary website:

➔ www.vermontjudiciary.org/LC/SupremeCourtDecisions.aspx

To view older opinions of the Vermont Supreme Court online, use Google Scholar: scholar.google.com > check Case Law > check Select Courts > check Vermont Supreme Court > click Done, then type your search words. You may also find some court opinions at:

➔ <https://casetext.com>

- Vermont statutes hard copies are available in town clerks' offices with many annotations; unofficial text is available online at the state Legislature's website: ➔ legislature.vermont.gov/statutes without the annotations, and on that site's link to LexisNexis.

- Legal encyclopedias *Corpus Juris Secundum* and *American Jurisprudence*, include topics on boundaries, deeds, easements, and licenses. They are available online at LexisNexis and at WestLaw if you have an ID and password.

Round Tables



✓ Top photo, Eric Morse and Becky Gilson.
Bottom photo: Tricia Kules and David Peatman



✓ Top photo, Ralph Michael and Bob Farnsworth.
Bottom photo: Andrew Paradee and Judd Vear.



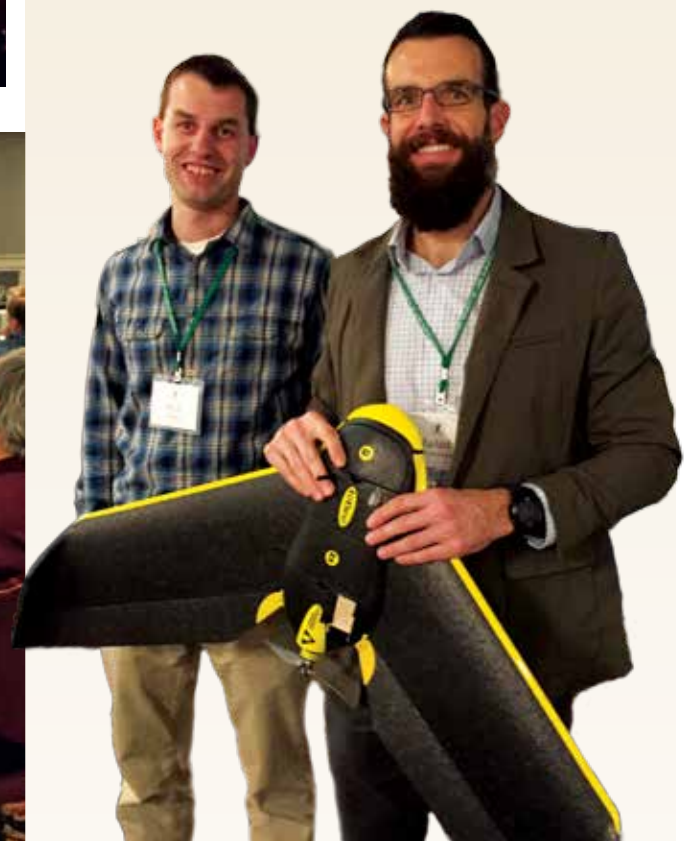
MORE THAN 100 members came to the Capitol Plaza in Montpelier on Dec. 18 for the annual VSLs Round Tables Seminar. Lively morning discussions were followed by an excellent and entertaining seminar by Jarlath O'Neil-Dunne on the use of unmanned aerial systems, or drones, in land surveying. Jarlath is director of UVM's Spatial Analysis Laboratory.

A round of applause goes to those who moderated this year's round table discussions and put so much effort into the task.

Thank you to our moderators!

- Harris Abbott, *Program Committee*
- Ryan Cloutier, *Road Rights of Way*
- Joe Flynn, *Vermont Board of Land Surveyors*
- Doug Henson, *Unlicensed Practice*
- Brad Holden, *Research Strategies*
- Byron Kidder, *Town Line Issues*
- Bob Krebs, *New Regulations for Shoreline Protection*
- Tricia Kules, *NSPS Update*
- David Mann, *Historical Vermont Surveys*
- Malcolm Moore, *Acquiescence*
- Leslie Pelch, Scott Hamshaw, Greg Carter, *Use of Lidar*

Below, Jarlath O'Neil-Dunne (right) and Scott Hamshaw with a drone from UVM's Spatial Analysis Laboratory.





50/50 RAFFLE WINNER

Board members of the VSLs Education Foundation held their traditional 50/50 raffle to raise money for student scholarships. Mark Day won the raffle but generously donated his winnings back to the foundation, bringing the total raised to \$287. Thanks, Mark! If you have ideas for foundation fundraisers, please send a note to kelly@vsls.org.



♣ Scott Taylor and
Keith Van Iderstine

♣ Doug Henson and
Mike Gervais



Researching & Identifying Easements

BY KNUD E. HERMANSEN,
P.L.S., P.E., PH.D., ESQ.

In previous articles I have explained three 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 involving an overlap. In the second, I explained the deficiency that may exist when a forward search is omitted. In the third, I explained the necessity for researching the road records. In this article, I will explain the fourth deficiency – researching and identifying easements.

The failure to identify and locate easement records is a major source of liability for surveyors. There are numerous reasons for research difficulties associated with easements. Because some easements are public easements they suffer from the same difficulties associated with locating road records.

Other problems arise by the legal nature of the easement itself. An easement appurtenant to property that was created in, for example, 1823 by recorded grant need not be mentioned in any property records thereafter yet will still effectively burden property and benefit another property (appurtenant property).

The law presumes that an appurtenant easement is a part of the appurtenant property and passes with the conveyance of the appurtenant property even though the easement is not mentioned in subsequent records for the appurtenant property. For example, it is not unreasonable for a surveyor to stop the search of property records long before reaching the ancient property records where the deed for the easement was recorded, especially if all the boundaries to the property being surveyed were created subsequent in time to when the easement was created.

Another problem is that easements

fail to research, locate, and mention the implied easement.

Finally, many easements that are evidenced by a deed are so poorly described that it is virtually impossible to locate or fix the width of the easement. These easements are often categorized as “blanket easements.”

I hereby convey to William Surry an easement to install and maintain a water pipe across my property.

Where the surveyor has stopped



Unless the surveyor is aware of the law regarding implied easements, the surveyor may fail to research, locate, and mention the implied easement.

often arise from records that are not deeds. The sale of a lot by reference to a subdivision plan may give the lot owner an appurtenant easement in every road or other benefit shown on the plan (such as a park). Also, the call for a private road as a boundary, owned by the grantor at the time of the conveyance, may give an easement to the grantee in the grantor's private road. Unless the surveyor is aware of the law regarding implied easements, the surveyor may

research prior to a grant from the government, the surveyor would be wise to inform the client of a caveat regarding the presence of easements that may not have been discovered and shown on the surveyor's plat. 🌳

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.

National Surveyors Week: What's it All About?

BY FRANK LENIK, PLS

We've all heard about National Surveyors Week – the weeklong celebration of the surveying profession that takes place annually in March. But who's actually celebrating, and how? What is the best way to use this event to the advantage of our profession?

The education of the public, both adult and youth, is probably the number one goal of National Surveyors Week. The work we perform for the benefit of the public often goes unrecognized, and we need to share our knowledge.

There are volunteers doing outreach to Boy Scout and Girl Scout groups, and resources are available for these programs. We can expand on this and offer to speak to the local Rotary or Lions Club. They are always willing to have a speaker at their meetings. How better to promote your profession and your business than to make a public appearance?

Reaching out to the public through the media and making them aware of our profession and our role in today's society is a goal whose value we all recognize. Over the last few years we have achieved this in a variety of ways including Presidential, gubernatorial, and municipal proclamations, newspaper articles, and radio spots highlighting National Surveyors Week. There is also a GPS Day Website, a National Surveyors Week Facebook page and a National Surveyors Week Twitter account. Each of these channels represents another way for the land surveying community to stay connected with a different section of the public.

Although the annual effort

of contacting the President, members of Congress, your governor and your municipal leaders may seem trivial, remember that it serves to remind them that surveyors are important. Whenever a bill, law or ordinance is being contemplated which affects the public and impacts our profession, these elected officials should know who to turn to for answers to their questions.

Newspaper articles, radio ads, and on line media can serve the same function for our profession, keeping us in the public eye. Rather than being hidden behind an attorney, title agent or real estate agent, we can use the media to highlight the value of our profession with our most important constituency our clients. The best way to get an article about surveying published in a newspaper is to contact a local reporter and let them know that you have a good lead on a community interest story. If that fails to attract their attention offer to write one yourself and submit it to the paper.

We can lament the passing of the geodetic field parties of the past and the disappearance of the NGS monuments, or we can embrace the future, share our expertise and volunteer for a common cause. In doing this we can prepare the foundation which future surveyors and the public will turn to for their geodetic positioning. It will help us hone our skills and keep us current on changes in our own practice. 📍

Frank Lenik, PLS, is working with NSPS to help states promote National Surveyors Week on a local level.

After being contacted by VSL about National Surveyors Week, Governor Shumlin issued this proclamation recognizing Vermont's land surveyors.



State of Vermont Executive Department

A Proclamation

WHEREAS, land surveyors have played an important role in society since the dawn of civilization, resolving questions of land boundaries and providing the framework for humanity's advancing infrastructure; and

WHEREAS, throughout the history of the United States, many of our most prominent historic figures, such as George Washington, Thomas Jefferson, and Abraham Lincoln, have practiced the profession of surveying; and

WHEREAS, these men set the standard for diligence, service and ethics, which still guide the efforts of surveyors today; and

WHEREAS, Professional Land Surveyors of the United States possess the expertise required to research, gather, and analyze data for the retracement and establishment of the property boundaries, which are so vital to our system of land ownership; and

WHEREAS, expertise of the Professional Land Surveyor is obtained through a combination of education and experience over a career spanning many years in the classroom, the field and the office; and

WHEREAS, established in 1964, the Vermont Society of Land Surveyors is celebrating its 52nd Year of promoting surveying excellence through its educational program and scholarships; and

NOW, THEREFORE, I, Peter Shumlin, Governor, do hereby proclaim March 21-26, 2016, as **LAND SURVEYORS WEEK** in Vermont, and recognize the groundwork laid by our forefathers, and the ongoing dedication of present day surveyors.

Given under my hand and the Great Seal of the State of Vermont on this 11th day of February, A.D. 2016

Peter Shumlin
Governor

Historical Vermont Surveys

BY DAVID MANN,
LLS., EDITOR

This started out as the outline that I used for the Round Tables in December, to which I have added my notes and some of the presentation materials. The juxtaposition of the present and past tense in this article may jump around a bit, as part of it was written for the outline prior to the Round Table sessions, and the other parts I have added. My table topic was Historical Vermont Surveys.

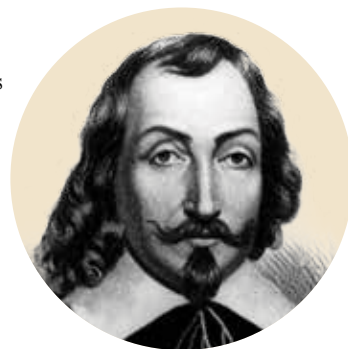
Historical Vermont Surveys is a term for which the specifics may vary. There was no exact definition for the topic Historical Vermont Surveys provided in the brochure for the event, so I've taken what might be considered some poetic license with the content which I am going to cover. However, the discussions at previous Round Table sessions have always been quite fluid and subject to change with respect to the desires of those who attend. The following is the outline of what I discussed, to which I have added as much of the support material as space and format would permit.

The earliest surveys which took place in what is now Vermont were conducted long before the establishment of the Republic or the State of Vermont. I suggest that or perhaps can imagine Native Americans sitting around a campfire sketching the location of waterways, ponds, mountains and paths. Their geographic reference might be termed "campfire-centric." A similar set of circumstances would have developed when early hunter, trapper, and military explorations were made into the frontier. Also, early English settlers explored the areas to the north and west of their

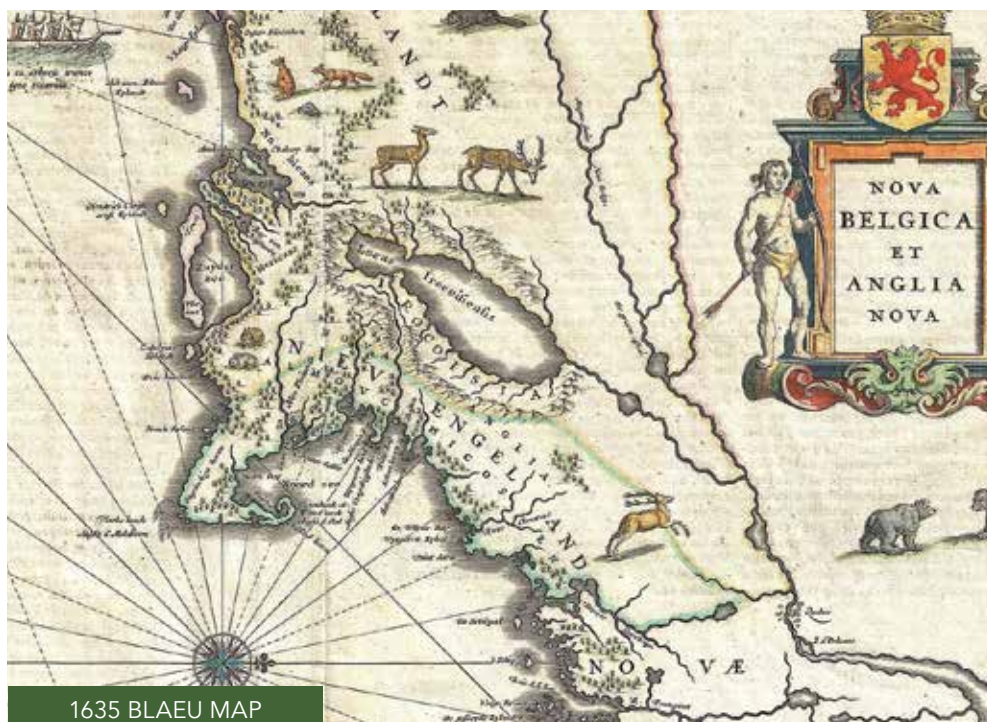
towns as the growth in population made it necessary to seek out new lands for plantations.

I don't believe that a wilderness was quite what the explorers found as they made their way into the unknown territory. The native peoples knew what was there; their homes, planting fields, paths, and hunting grounds would have been quite evident.

Samuel de Champlain probably performed some kind of basic surveys of Lake Champlain as he explored the territory. On Champlain's map titled "Carte Geographique de la Nouvelle Franse," the depiction of Lake Champlain, though not completely accurate, does represent details which must have been gleaned from some kind of rudimentary surveys. The location of Lake Champlain as depicted on his

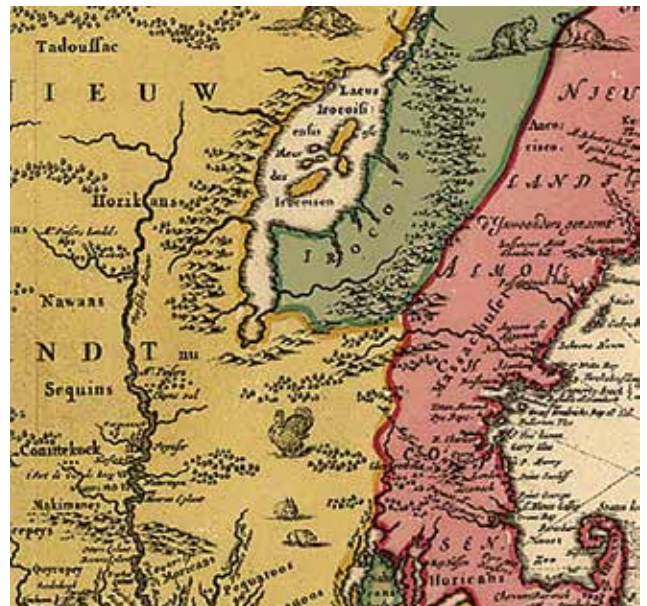


Samuel de Champlain

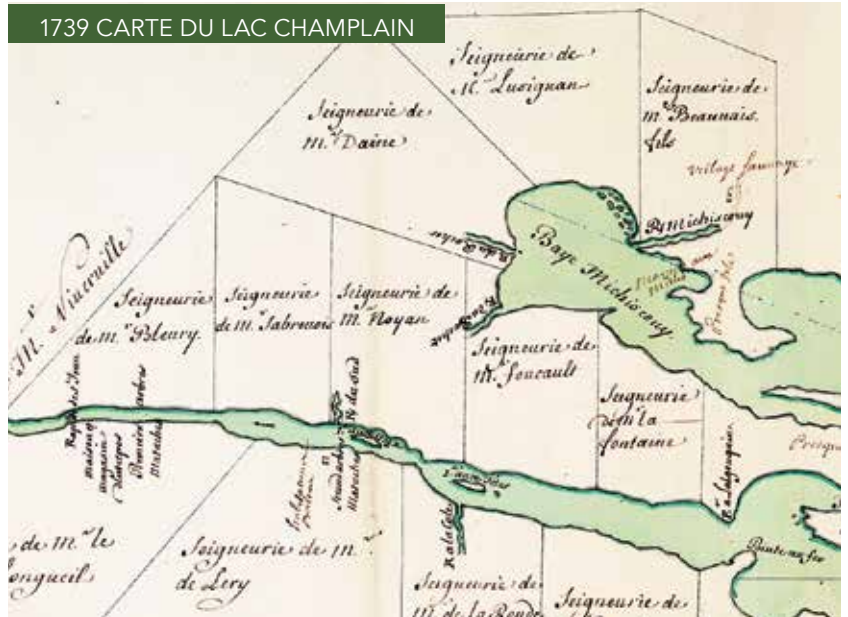


1635 BLAEU MAP

1655
VISSCHER
MAP



1739 CARTE DU LAC CHAMPLAIN



1756 BLANCHARD AND LANGDON MAP

1756 BLANCHARD AND LANGDON MAP

Note that there are only a few New Hampshire Grant towns shown on the 1756 Blanchard/Langdon map and those are all in the southern portion of Vermont. Also note

When I read this to Brian Burford at the New Hampshire Archives, he stated, “Well, shame on me.” These three maps are an opportunity for a story to be told, which I will try to pursue at some point in the future. 🍌

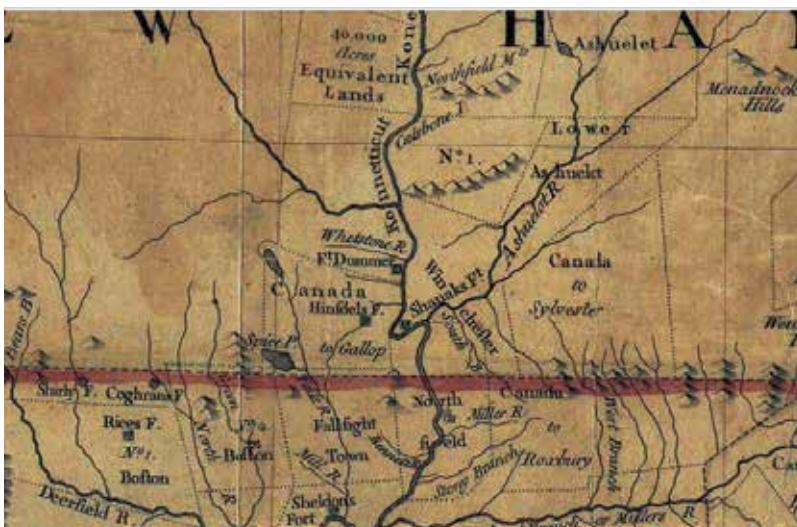




1765 COLLINS MAP



1720 PARTIE DE LA NOVELLE ANGLETERRE



1755 JEFFERYS MAP



Elithorpe Receives VSLs Education Foundation Scholarship

The VSLs Education Foundation awarded its 2015 scholarship to Lance Elithorpe, a recent graduate of Alfred State College.

The foundation awards a \$2,000 scholarship each year to a student or recent graduate of an accredited land or geodetic surveying program. The scholarship committee selects the candidate based on their academic performance and potential for future contributions to the land surveying profession.

Lance is now working for Fisher Associates, which is based in Buffalo, N.Y.

"I am an instrument operator," Lance says, "and I do a lot of work for pipe lines, windmill farms, and other construction projects. I am getting great experience here because I do a lot of topos, boundary surveys, stakeouts, and level runs."

The Education Foundation is now accepting applications for the 2016 scholarship. Applications may be downloaded at vsls.org.

Intro to GIS/GPS Class at Vermont Tech

VERMONT TECH is hosting an Introduction to GIS and GPS class, taught by staff from the Vermont Center for Geographic Information (VCGI). This year, there will be two different formats at two different times of the year. VCGI will offer the course in the spring as an eight-week series of two-hour evening classes in Williston. In the fall, they will offer it as a two-day course completed over two Saturdays.

Participants will gain an understanding of fundamental geospatial concepts which they will then apply in learning how to use



online mapping applications, consumer grade GPS receivers, and QGIS open source GIS software. QGIS will be used to explore and display geospatial data, to create new geospatial data, to perform simple geospatial analysis, and to compose basic maps appropriate for printing or publishing. Participants will develop a mapping question or project that they will explore and build on throughout the course. Training manual chapters from last year's class are posted on the registration page, so you can check out what is covered or use them for self-training.

INTRO TO GIS/GPS

Registration fee: \$100

Approved for CE credit by the Vermont Board of Land Surveyors (#CE416-0216)

- ❑ **April 14 - June 2**
Williston Campus
Eight Thursday evenings
6:30 - 8:30 p.m.
- ❑ **September 10 and 17**
Randolph Campus
Two Saturdays
9:00 a.m. - 5:00 p.m.

TO REGISTER:
greentrainings.vtc.edu/gis-trainings.html

Sustaining Members

The following is a list of our Sustaining Members. Please remember, when you are considering the purchase of services and equipment, that these companies are VSLs members and support the aims and objectives of our Society.

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Madison, WI 53708-8670
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Centerport, NY 11721
631.757.7515
➤ insurecarebrokers.com

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➤ keypre.com

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494 U.S. Route 1
Yarmouth, ME 04096
➤ mainetechnical.com

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518.438.6293
➤ waypointtech.com

Surveying Society Works with Scouts

BY BRIAN DENNIS
AND JOHN GUYTOM

In an effort to extend the Professional Land Surveyors of Colorado (PLSC) GPS Day event and introduce land surveying to a new group of young people, the PLSC participated in the Boy Scout Council Camporee, held at Peaceful Valley Scout Ranch near Elbert, Colo., on September 19.



a great idea

It was organized by Brian Dennis and other volunteers representing the PLSC and the surveying profession. The group hosted a tent, decorated with the PLSC flag, and provided hands-on equipment demonstrations. PLSC was able to directly engage over 200 folks in the discussions and exercises of land surveying. Everyone reported learning something new, or that their false impressions about surveying had been corrected.

The group was told that no one

had ever seen actual, practicing land surveyors host a scouting activity in Colorado before, and their participation was much appreciated. The kids had a blast with using the various technologies, and the feedback received indicated what they had accomplished and how much fun they had. Several Scout leaders told PLSC that word of mouth of the surveying activity had spread throughout the enormous campus, although not all were able to make it to the setup area due to the large number of other activities at the event.

More than 75 business cards were handed out to parents and troop leaders who wanted to invite PLSC to their individual troop meetings to continue the discussions and activities about land surveying.

"It was exciting and rewarding for members of the PLSC to be invited to further teach and expand upon the knowledge of land surveying to local youth," said Brian Dennis.

VSLs is looking into the possibility of hosting a demo and exhibit during the Green Mountain Boy Scouts Tech Week this summer. If you would like to be involved, please contact Keith Van Iderstine at kvaniderstine@mccainconsulting.com.



Scenes from the PLSC demonstration in Colorado.



Ideas for Future VSLs Programs

A summary from the December Round Tables

BY HARRIS G. ABBOTT, L.S.

At the "Program" table at the December Round Table discussions, the following topics for future programs were discussed:

- ☐ Business Practices:
 - Contracts
 - Collection of Fees
 - Business communications
 - Conflict resolution
- ☐ Changes to the 2016 ALTA/NSPS standards. Possibly a one-day presentation with Gary Kent at the September 2016 meeting.
- ☐ FEMA issues
- ☐ Identifying invasive species of plants and trees.
- ☐ Tree identification.
- ☐ Wetland location – after being identified by a wetlands expert.
- ☐ Working in and along railroad track rights of way.
- ☐ Construction layout practices: what not to do, and how to protect your control.
- ☐ Monitoring of foundations and walls near excavations.

Joe Flynn was present during these discussions. As a member of the Vermont Board of Land Surveyors, he was able to give some insight as to what the Board might approve among all of the topics suggested.

If you have ideas about a topic you'd like to see at VSLs education programs, please send a note to kelly@vsls.org.

JOHNSON'S JOTTINGS

*Perusing the Writings of John Johnson (1771-1842)
Vermont's Third Surveyor General*



As I'm sure you've surmised, my time perusing John Johnson's journals was nothing short of enchanting. In all likelihood, only folks like us who work at the intersection of history and tomorrow can get goose bumps holding the very pages one of our most-esteemed predecessors penned while camped in a blizzard on a Vermont mountainside.

From past postings here in *The Cornerpost*, I'm certain you can appreciate some of the reasons Johnson is still held in high regard – a true Renaissance man who surveyed the wilds of pre-settlement Vermont but also authored scholarly essays in support of better training for land surveyors and designed dams, bridges and some of UVM's still-extant buildings. He farmed, settled disputes, struggled to get paid for his work and engaged in so many other activities showing a remarkable continuity between his life and ours as surveyors and Vermonters today.

What follows is the last posting I feel is fitting for a page in *The Cornerpost*...for several reasons. It's not that there aren't interesting entries that could and should be shared among us, but most of them are short vignettes or passing comments that I found amusing but either took too much explaining or lost their value out of context.

He writes of losing 25 cents from "weight of gold" – when

was the last time you got paid in a medium that could shrink in transit by means other than a stock market tumble? While losing 25 cents may seem trivial today, consider that his journals also indicate that he paid a mere 3 cents/day for hay to board his horse. How much does it cost YOU to stable that nag of your daughter's for a week?

There is an inspiring description of an 1801 journey on horseback through Crawford Notch a century or more before U.S. 302 was even a gleam in some highway engineer's eye. Its poetic leanings rival the best of today's travel writings.

He talks of "measuring a cow" at Esquire Baker's up in Bakersfield. He surveyed most of the winter but was always home to plant corn and potatoes, shear sheep and generally make sure that his family had food and fuel for those long, cold months he was off preparing Vermont for the impending onslaught of settlers.

And of course there are the ubiquitous comments about the weather. Westmore was reported

still to have had an accumulated seven feet of snow on the ground in April of 1799. On October 19, 1801 while camped in Lowell along the Bayley Hazen Road Johnson writes: "The storm increased and we all staid (sic) in camp. Snow fell about 20 inches on high lands but on low not so much." I think they really were more rugged than we are today.

But the other reason this will be the last of my transcribed entries is the poignancy of the entry itself – it would be a tough act to follow. And it is that poignancy and intimacy of the subject matter that had me thinking long and hard before offering it for publication. Is it just too personal?

Whether the writer has an audience in mind for his or her diary entries is a question that can be asked fairly of any journal keeper, but the following account of the death of his wife (who we only know as "Mrs. Johnson") is as personal an entry as can be imagined; I suspect mine is not the only eye that tears upon reading it. 🌿

—Paul Hannan, L.S.

I would strongly encourage anyone with an hour or two to spare in Burlington to wander by the Bailey Howe Library-Special Collections and ask the wonderfully helpful folks there to let you read some of John Johnson's journals. But be careful – many hours can slip by before you realize it.

JOHNSON JOURNAL ENTRY UPON THE DEATH OF HIS WIFE

“

Sunday August 10th, 1806. Joseph Harris died and was buried on the 11th

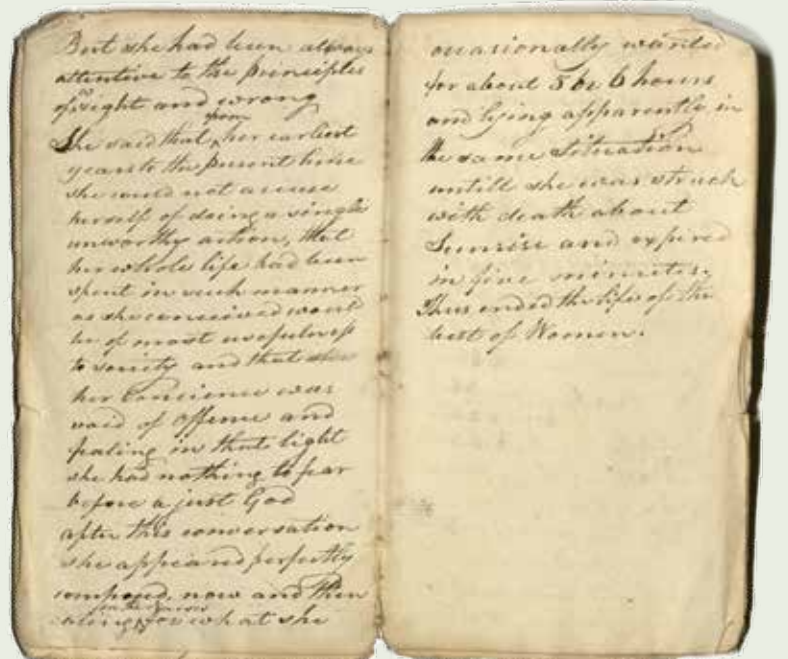
12th Mrs. Johnson and Eliza still continue, but little probability of recovery. Edwin appears better and Hannah also.

August 20th (Wednesday) Mrs. Johnson died about sunrise and was buried about 5 o'clock in the afternoon of the same day. She said she was extremely anxious to live with her family to bring up her children but she was convinced she could not and said I must not fail to take that care of the children which belonged to a parent, and after assuring her that her words should not be forgotten, she said she should rest in full assurance that everything on my part would be done in that behalf. She further said that she was sensible of the great imbarassments (sic) thrown on me by so much sickness and the great disadvantage I should be left under for the want of her help. And that she could say no more than that I must do the best I could.

With regard to a Future State – She said she had not been a professor of Religion. But she had been always attentive to the principles of right and wrong. She said that from her earliest years to the present time she could not accuse herself of doing a single unworthy action, that her whole life had been spent in such manner as she considered would be of most usefulness to society and that her conscience was void of offense and feeling in that light she had nothing to fear before a just God. After this conversation she appeared perfectly composed, now and then calling for the nurses for what she occasionally wanted for about 5 or 6 hours and lying apparently in the same situation until she was struck with death about sunrise and expired in five minutes.

Thus ended the life of the best of Women.

”



Send in Your News & Photos

- survey-related articles
- photos from the field
- news & updates
- anything else of interest to our members!

➔ kelly@vsls.org
802-229-6358



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Donald Bishop Burchard

July 26, 1931 – December 11, 2015



Donald Bishop Burchard, age 84, died Friday, Dec. 11, 2015, at his home in Salisbury. Mr. Burchard was born in Millville, N.J., on July 26, 1931. He was the son of Allan and Florence (Kopke) Burchard. He grew up in Tuckahoe, N.J., where he received his early education and graduated from Ocean City High School, class of 1949. He played

football and track and was the State Champion Shot Putter.

He served in the United States Army from 1952–1954 during the Korean War. He earned his Bachelor of Science Degree in Forestry from the University of Maine, Orono, where he received “M” letters in indoor and outdoor track. Don worked as a forester for the Bureau of Land Management in Oregon and as a logger and forester for Donnell Enterprises in Maine. He was a log buyer and mill supervisor for Weyerhaeuser Company, and log buyer for John Eaton Lumber Company both in Hancock, Vt.

He established his own land surveying business in Salisbury in 1968, retiring in 2006. He served the town of Salisbury as a member of the select board; the town,

local UD#3 and the VoTech school boards and the landfill committee. He received a Vermont Public Service Award for 20 years of service in 2010. He was a member of the Vermont Society of Land Surveyors, where he served on the Education Committee and helped define state regulations when the state required licensing for land surveyors.

He enjoyed camping trips to Maine, the Maritime Provinces, Canada and Alaska. He raised Labrador puppies for Guiding Eyes for the Blind and loved all Labs.

Surviving are his wife; Mary (Donnell) Burchard of Salisbury whom he married in Bath, Maine, on June 15, 1957; two daughters: Brenda Burchard of Salisbury and Gayle Burchard of Stowe; and his black Lab, Bella. Several nieces and nephews also survive him. He was predeceased by his parents, his brother Allan Burchard and his sister, Kathryn Schellinger.

A gathering “In Celebration of His Life” was held on Saturday, January 23, at the Middlebury American Legion Post #27. Memorial gifts in lieu of flowers may be made in his memory to: Guiding Eyes for the Blind, 611 Granite Springs Road, Yorktown Heights, NY 10598; or to Homeward Bound, 236 Boardman Street, Middlebury, VT 05753; or to Ducks Unlimited Chapter 006, 252 East Thompson Point Road, Charlotte, VT 05445.

Vermont L.S. 173

John A. Marsh

October 3, 1931 – February 25, 2016

John A. Marsh, of Essex Junction, Vt., passed away on February 25, 2016 in much the same way he had lived his life...peacefully. He was born on October 3, 1931 and grew up in Cambridge, Vt., on his parent's farm.

John had a wonderful childhood and very much enjoyed telling stories from those early days. He never missed a chance to reminisce with an old friend or family member. John graduated from Cambridge High School in 1950 and Paul Smith's College in the Adirondacks. He was a self-employed surveyor all of his life. His love of the woods and outdoors was a perfect match for his profession. John was well-known throughout the area for his survey work and detailed mappings.

His favorite hang-out was the Quality Bake Shop in Essex Junction where, in his later years, he could be found on a daily basis conversing with friends and strangers alike.

John Marsh was a thoughtful, gentle man. He was married to his wife, Barbara Marsh of Essex Junction, for 50 years. John is survived by his wife, Barbara; his daughter, Levia Abbie Pritchard (Paul) of Galetton, Pa.; and his son,

David John Marsh of Coudersport, Pa.; two grandsons: Joshua D. Marsh and Travis A. Marsh; and a great-granddaughter, Hailie K. Marsh, all of Coudersport, Pa.; two brothers: Danny Marsh of Florida, and Rex Marsh of Jeffersonville; two sisters-in-law: Roberta Marsh of Cambridge, and Peggy Breen of Burlington, as well as several nieces and nephews.



He was predeceased by his parents, Maurice and Abbie Marsh, and his brother, Page Marsh of Cambridge, Vt.

If you wish to make a donation in John's memory, please send your donations to: Humane Society of Chittenden County, 142 Kindness Court, S. Burlington, Vt. 05403.

A gathering was held to reminisce and celebrate John's exceptional life on Monday, February 29 at the Quality Bake Shop on Pearl Street, Essex Junction.

Published in The Burlington Free Press on Feb. 27, 2016

Vermont L.S. 256

**October 22, 2015, 6 PM, J. Morgan's, Montpelier**

Present: Brad Holden, Gayle Burchard, Kelly Collar, Lisa Ginett, Ian Jewkes, Mark Day, and Keith Van Iderstine. **Absent:** Ryan Cloutier

The meeting was called to order at 6:15 p.m.

SECRETARY'S MINUTES

The committee reviewed minutes from both the July 16 and August 20, 2015 Executive Committee meetings.

Upon motion duly made and seconded, it was unanimously

RESOLVED: to approve as written the minutes of the July and August Executive Committee meetings.

TREASURER'S REPORT

The committee accepted the treasurer's report prepared for the date ending October 21, 2015. Gross Net Worth equals \$58,172.07, and Net Income equals -\$4,846.79, with 105% of membership income paid to date. Keith also explained communications VSLs has had with Citizen's Bank, to change our mailing address and update the users on our checking account.

BUDGET FOR 2016

There was a great deal of discussion about the budget for 2016. The committee will recommend to the membership a budget with Gross Income of \$55,450, Expenses of \$55,450, and a Net Income of \$0.00.

ELECTION OF OFFICERS FOR 2016

The group discussed the 2016 slate of officers to present to the membership at the annual business meeting. Directors will be: Gayle Burchard, president; Mark Day, vice president; Keith Van Iderstine, treasurer; and Lisa Ginett, Secretary. Directors are

Brad Holden and Ian Jewkes. The committee members will speak with colleagues to locate another candidate for the director position.

NEW MEMBER

Kelly reported that Liam Murphy, of Murphy Sullivan Kronk, would like to become an associate member. The committee approved his membership and recommended that we offer the first year on a complimentary basis, in recognition of his recent presentation at the fall conference.

ONLINE "FIND A SURVEYOR" DIRECTORY

Kelly reported that one member asked to be removed from this directory, as he's retired and had been receiving calls and emails. The group discussed the best way to remove the names of actively licensed members who may not want to be included.

In the annual membership renewal letter, Kelly will include an option for members to "opt out" if they don't wish to be included. She will also offer this option in the next email newsletter.

OTHER BUSINESS

Kelly is working on the fall *Cornerpost*. Brad will contact Scott Taylor for a profile in the Spring issue. Kelly will make sure that all our advertisers are receiving a copy of the magazine.

NEXT MEETING

The next meeting will be held on Thursday, Nov. 19 via conference call. There being no further business, the meeting was adjourned at 8:20 p.m.

Respectfully submitted,
Kelly Collar
Secretary pro tem

November 19, 2015, 6 PM

Present: Brad Holden, Kelly Collar, Lisa Ginett, Ian Jewkes, Mark Day, and Keith Van Iderstine.

Absent: Ryan Cloutier, Gayle Burchard

The meeting was called to order at 6:05 p.m.

SECRETARY'S MINUTES

The committee reviewed minutes from the Oct. 22, 2015 Executive Committee meeting. Upon motion duly made and seconded, it was unanimously

RESOLVED: to approve as written the minutes of the October 2015 Executive Committee meeting.

TREASURER'S REPORT

The committee accepted the treasurer's report prepared for the date ending November 16, 2015. Gross Net Worth equals \$56,611.58, and Net Income equals -\$6,643.10, with 105% of membership income paid to date.

THE CORNERPOST

Kelly reported that The Cornerpost is being mailed tomorrow, and the next issue will come out at the end of February. She asked the group to give some thought to additional writers we might use; names mentioned included George Butts, Terry Harris, Malcolm Moore, Byron Kidder and Dwight Baker. Brad said that he will contact Scott Taylor for an interview for the next issue. One person suggested that Jarlath O'Neil Dunne might write an article about the use of drones.

ROUND TABLES

Kelly reported on the progress of the round tables and asked for recommendations for moderators for a few tables that needed them. Here are the topics we have so far:

Executive Committee Meetings are held at 6 p.m. on the third Thursday of each month. Meetings take place at the Associated Industries of Vermont building in Montpelier. Members are welcome to attend.

Meeting via Conference Call

- Town Line Issues, Bryron Kidder
- Shoreline Protection, Bob Krebs
- Road Rights of Way, Ryan Cloutier
- Historical Vermont Surveys, David Mann
- Research Strategies, Brad Holden
- Acquiescence, Malcolm Moore
- Use of Lidar, Leslie Pelch and colleague
- Program Committee Topics, Harris Abbott
- NSPS Update, Tricia Kules

BOY SCOUT EVENT

The group discussed the possibility of having a booth and demonstration during the Boy Scouts' Tech Week. Keith is involved in the Boy Scouts and could head this up. He suggested putting an article about this in The Cornerpost to ask for volunteers to work the booth.

OTHER BUSINESS

Kelly is re-designing our membership card to be sturdier and look more like the materials we've produced recently. Brad mentioned that he and Lisa Ginett will be speaking at a business conference in Burlington in March. We may want to include that in The Cornerpost.

NEXT MEETING

The next meeting will be held on Tuesday, January 26 via conference call.

There being no further business, the meeting was adjourned at 6:45 p.m.

Respectfully submitted,
Kelly Collar
Secretary pro tem

If you would like to become more involved in VSLs committee activities, please contact Kelly Collar at 802-229-6358 or kelly@vsls.org.

General Membership Meeting, December 18, 2015 Capitol Plaza, Montpelier, Vermont

Executive Committee Members

Present: Brad Holden, Keith Van Iderstine, Mark Day, Gayle Burchard, Lisa Ginett, Ian Jewkes

Absent: Ryan Cloutier

This meeting was called to order at 1:00 p.m.

SECRETARY'S REPORT

Members reviewed minutes from the general membership meeting on September 18, 2015. Upon motion duly made and seconded, it was unanimously

RESOLVED: to approve as written the minutes from the general membership meeting on September 18, 2015.

TREASURER'S REPORT

The membership accepted the treasurer's report prepared for the period ending December 17, 2015. Gross Net Worth equals \$61,936.98, and Net Income equals \$-1,639.52. Treasurer Keith Van Iderstine notes that there will still be more income from the Round Tables Seminar.

2016 VSLs BUDGET

Brad Holden asked that members review the proposed budget for 2016. Upon motion duly made and seconded, it was unanimously

RESOLVED: to approve as written the proposed VSLs budget for 2016 being approximately \$55,450.

2016 SLATE OF OFFICERS

Upon motion duly made and seconded, it was unanimously

RESOLVED: the secretary shall cast their one ballot to elect the 2016 slate of officers (Gayle Burchard, President; Mark Day, Vice President; Lisa Ginett, Secretary; Keith Van Iderstine, Treasurer; Brad Holden, Director; Ian Jewkes, Director; Nate Yager Director).

Incoming president Gayle Burchard presented Brad Holden with a gift

back containing a personalized VSLs survey marker to recognize his six years of service as the president of VSLs.

EDUCATION FOUNDATION BUSINESS

Upon motion duly made and seconded, it was unanimously

RESOLVED: to elect Mike Raboin as the third member of the Education Foundation Committee.

Pete Chase provided a report about the Foundation and the recipient of the 2015 Education Foundation Scholarship – Lance Elithorpe. Lance was unable to attend the meeting to accept his award, but more information about him will be provided in the next *Cornerpost*.

Pete and Keith Van Iderstine spoke about the possibility of holding a gun raffle to raise money for the Foundation. They also polled the room to see who would be interested in selling tickets; about 15-20 people indicated that they might sell tickets. Several members spoke about the sensitivity surrounding guns and suggested we hold a raffle for something else, including other sporting equipment or survey equipment. The Foundation will consider all this going forward.

There being no further business, the meeting was adjourned at 1:45 p.m.

Respectfully Submitted,
Kelly Collar
Secretary Pro-Tem



St. Johnsbury Breakfast Continues

BY ANDREW DUSSAULT, L.S.

In early June 1989, Robert W. Smith, L.S. # 209, (1933–2003), contacted me to schedule a 6 a.m. breakfast meeting later in the week. Bob wanted to discuss a project that we'd worked on together during my tenure with Truline, Inc., from 1973 to 1984. Following our get-together, we decided to make the early breakfast meeting a monthly event.

Our next meeting took place on July 10, 1989 and included William A. Willis, L.S. This coming June will make 27 years that this assembly has been held without missing a month. Usually, we have six to eight attendees, a few times there have been only three or four, and our largest group has been eleven. Initially, we met at 6 a.m., then 7 a.m., and eventually 8 a.m., which is where we are today.

The crew includes: five licensed land surveyors, two professional engineers, three surveying technicians, and one dual licensee, Richard "Dick" Bohlen, L.S. #7, PE #707. Dick started his land surveying career in 1950 when he introduced Truline Surveyors to the St. Johnsbury area and beyond. We have discussions that include the weather, politics, hunting and, of course, opinions about land surveying decisions. With all the balding and white-haired participants present, the talk always reverts back to, "do you remember when...?" 🌲



At Tim's Deli in St. Johnsbury

TOP PHOTO: standing, from left, Philo Marcotte, L.S.; Shane Clark, L.S.; Craig Weston, Tech.; Nate Sicard, P.E. Seated, from left: Tim Ruggles, P.E.; Andy Dussault, L.S.; Bill Willis, L.S.; Bill Evans, Tech. **BOTTOM PHOTO:** from left, Mike Hemond, L.S.; Dick Bohlen, L.S., P.E.; and Mike Bruton, Tech



Survey Markers

Memories from the Field

One morning I got a call from a man traveling north on U.S. Route 3 in New Hampshire. He wanted to meet with me to discuss some survey work that he wanted done near St. Johnsbury. He was pressed for time and asked if could work him into my schedule.

I agreed to meet him at 1 o'clock, and we decided to make the meeting at Aime's Restaurant, now Petticoat Junction. This worked well for him, as he was going on to northern New Hampshire.

The question arose as to how we would know each other. I drove a green Chevrolet Blazer at the time, so I told him that I would be in a green blazer. He thought that to be fine and said that he would be in a red blazer. Great! The meeting was set up.

I had some things to do in St. Johnsbury, so I took two men with me,

got the work done on the way, and arrived at Aime's at about a quarter to one. No red blazer. We waited. No red blazer at 1:00, none at 1:15, none at 1:30! It looked like it was a no-show, and I was about to leave when I saw a man come out of Aime's, stand on the porch, and look around. I drove up to the porch and asked him if he was looking for Dick Bohlen. He answered that in the affirmative, and we made our contact. My next question was, "where is your red blazer?"

"Why," he said, holding out his jacket, "I'm wearing it! Where's yours?"

"My blazer?" said I.

"Well...I'm sitting in it!" 🌲

PHOTO AT LEFT: Dick Bohlen (seated in car) with Jack Perry, who worked with Dick during his "shop weeks" from Trade School, September 1959.



BY DICK BOHLEN, L.S. #7, *retired*

In 1975, *thereabouts*, Gravett and Swett built us a new office building on Memorial Drive (U.S. Route 5), on a parcel of land in front of what is now EHV. There were several men working with me, and Bob Smith was my "right arm." We were involved with a number of projects, and Bob and I did the scheduling.



Spring Seminar

Friday, April 8, 2016

Three Stallion Inn, Randolph



Program Schedule

- 7:15 AM** Registration, Coffee & Pastries
- 8:00 AM** Railway Issues: Working Within the Vermont Railway System
- 10:00 AM** Case Study: the Importance of Communication and Current Research in Land Surveying
- 12:00 PM** Lunch and VSLs Business Meeting
- 2:00 PM** A Guide to the Vermont Shoreland Protection Act
- 3:00 PM** Conclusion and Announcements

Registration Fee	Through March 28	After March 28
Member in good standing	\$140.00	\$165.00
Non-member	\$190.00	\$215.00
Life Member	\$105.00	\$130.00
Non-member technical staff attending with member	\$112.00	\$137.00
Three attendees from same firm (one must be member)	\$112.00	\$137.00

Payment will be refunded in full if cancellation is received at least 72 hours prior to the event. Substitutions are allowed.

Railway Issues: Working Within the VT Railroad System

Dan Delabruere, Rail Program Manager, Vermont AOT

This seminar will cover the unique issues relating to railroad property, requirements for entering AOT land, and the various web-based resources that are available to assist surveyors. The session will also provide information about VTrans ownership of the Railroad corridor and it's relationship with the operating Railroad.

Case Study: the Importance of Communication and Up-to-Date Research in Land Surveying

Thomas Mullard, Principal, Poole Professional Ltd.

This case study will cover a well-respected engineering firm in the Florida panhandle that was contracted to evaluate the potential for a lowland, waterfront residential sub-division. Retirement delaying issues arose, stemming from poor internal communication, contracting practices, outdated reference materials, lack of documentation or QA/QC procedures. The seminar will offer strategies for avoiding delays through proactive communication and research methods.

A Guide to the Vermont Shoreland Protection Act

Misha Cetner, Environmental Analyst, Vermont Department of Environmental Conservation, Watershed Management

This session will provide an overview of the Shoreland Protection Act, specifically its regulatory requirements. The Vermont Legislature passed the Shoreland Protection Act on July 1, 2014. The intent of the Act is to prevent degradation of water quality in lakes, preserve habitat and natural stability of shorelines, and maintain the economic benefits of lakes and their shorelands. The seminar will provide information on how surveyors can best work within the new guidelines.



This event has been approved for 5.0 PDH credits by the Vermont Board of Land Surveyors.

Registration (please complete this form and mail it with your payment, or register online at vsls.org)

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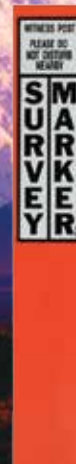
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