



NEW HAMPSHIRE LAND SURVEYORS ASSOCIATION

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NHLSA FALL QUARTERLY BUSINESS MEETING & SEMINAR

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603-627-1181

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ADMINISTRATOR

BARBARA CORMIER
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603-895-4822

The **Fall Quarterly Business Meeting & Seminar** will be held on **Thursday, September 17, 2020** at Contigiani's Conference and Event Center at the Pheasant Ridge Golf Club located at 140 Country Club Road, Gilford, NH.

Although we attempt to have a Case Studies seminar during the fall, it's been a little difficult with no Education Director to lead the effort. Therefore, we've planned an all day Seminar with the Business Meeting to follow. We also plan to have a cash bar, a Foundation benefit raffle, and plan to invite the Moran Family & Richie Ladd Memorial Scholarship recipients.

Seminar:

Session 1: "The State of Vermont v. The State of New Hampshire" 289 US 593

This case was decided by the United State Supreme Court in 1933, determining the location of the boundary between Vermont and New Hampshire. The court considered a long and meandering history. But the US Supreme Court's decision raises several interesting questions. We will explore some history and some of these questions that have left some not-so-obvious legacies for the land surveyor to stub her or his toes on.

Brian Nelson Burford, NHLLS 646 has been a licensed land surveyor since 1983 in New Hampshire, and throughout much of the 1990s tangled with hostile Vermont land surveyors on the joint canoe trip on the Connecticut River over where the line true should be. Most recently, he has worked for the New Hampshire State Archives for a few weeks short of 25 years, guarding the records of this and other significant cases for posterity.

Session 2: LiDAR, Photogrammetry, Drone/UAV, conventional airplane, ground survey, existing data – which one do I use?

In the last few years a variety of overlapping technologies have evolved to create deliverable 3-D survey products. The differences in deliverable between the technologies will be discussed. The use of airborne GPS-IMU (inertial) will be discussed as an addition or alternative to survey ground control. Differences in product from a conventional CAD type ground survey (points and lines) to a dense digital 3-D model (.las/.laz) will be discussed. The success and failure of automated procedures in classification of .las/.laz files will be presented. The possibility of using existing public domain data sets in lieu of field data collection needs to be quantified. The line between UAV use and conventional airplane in an economic sense will be examined.

Raymond Hintz, PLS, PhD, Professor of Surveying Engineering Technology, University of Maine.

Session 3: FEMA and flood – the do's and don'ts for surveyors.

Have you been asked to file a LOMA but just not quite sure how to do it? In this course we will discuss all of the basics of how the process works, what the regulations are, and answer any questions about the FEMA process you may have, such as flood map changes, datum shifts and approximate Zone A determinations.

Mark Condodemetraky, NHLLS 1002 is one of the principals of G.C. Engineering Inc. located in Laconia, NH. Mark's career has been working within the realms of FEMA and the National Flood Insurance Program (NFIP) focusing on Regulatory Compliance and FEMA Flood Insurance Mapping. Mark has been on multiple boards and commissions nationally and has provided testimony to congress for NFIP reauthorization and has been included on multiple panels for NFIP regulatory change. He has also provided expert witness testimony for flood related litigation nationwide. Mark has been a member of NHLSA since 2014 and is the current Government Affairs Director.

Session 4: Lines of Possession

Survey practitioners often encounter situations where occupation exist on or near the boundary. The session will explain and discuss the analysis, reporting, use, and importance of lines of possession when providing surveying services to reestablish the location of boundaries. The session will also discuss doctrines that cause the occupation lines to be the lines of ownership.

Knud E. Hermansen, is an attorney, professional engineer, and professional land surveyor. His education includes a Ph.D. in Civil Engineering from the Pennsylvania State University and a J.D. (Doctorate of Law) from West Virginia University. Knud is a retired professor at the University of Maine and operates a consulting firm offering surveying, engineering, and legal services. Professional membership includes the National Lawyers Association, National Society of Professional Surveyors, National Society of Professional Engineers, American Society of Civil Engineers, and several state professional associations. He is the author of numerous books and articles.

Tentative Seminar Schedule - 2.0 CEUs

7:30-8:00 am	Registration & Continental Breakfast: assorted bagels with cream cheese, peanut butter, butter, and jams; assorted muffins, breakfast breads, served with freshly brewed coffee, teas, and orange & cranberry juice
8:00-10:00	Brian Burford
10:00-10:15	Morning Break; sliced melons and fresh fruit display & fresh brewed coffee and tea
10:15am-12:00 pm	Ray Hintz
12:00-1:00	Lunch: Build your own Italian Sausage or Steak Sub, salads: traditional caesar salad & baby red skin potato; soda and water
1:00-2:15	Mark Condodemetraky
2:15-2:30	Afternoon Break: baked cookies and brownies, coffee and tea
2:30-4:00	Knud Hermansen

For those attending virtually through Zoom, you may use the raise your hand and/or chat button to ask a question and the speakers will answer either at the time, or reply by email, depending on time constraints. The speakers will have a list of all attendees emails so the question and answer will be sent to all so that everyone can be included.

Interested in becoming an Officer, Director, or joining a committee?

The following positions are open:
Vice President, Secretary, Education Director

Vacant positions remain for the following committee chairs:
History, GIS, & Merchandising

Why not sit in on the Executive meeting and get your questions answered.

Just a few of the safety precautions:

- Nobody will be serving themselves.
- Masks are required only when you're in the lunch or bar line.
- Hand sanitizer will be available.

Meeting Schedule - 50% of Meetings to receive 1.0 CEU

4:15-5:00 pm Business Meeting with cash bar and raffle
5:00-6:00 Executive Committee Meeting

Questions? Call: The NHLSA Office @ 603-895-4822

Thursday, September 17, 2020

RESERVATION DEADLINE:

Please make every effort to mail, fax, or email your registration before September 9th

Make checks payable to **NHLSA** and mail to PO Box 689, Raymond, NH 03077

NAME: _____

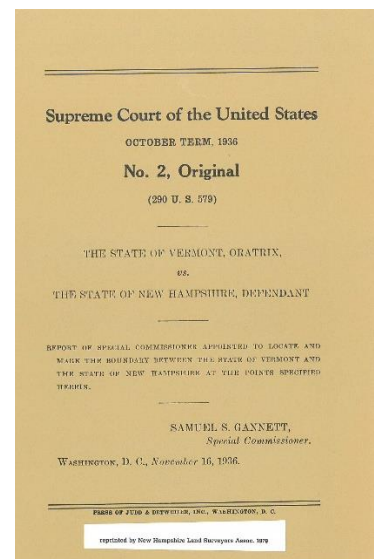
ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

COMPANY: _____ TELEPHONE: _____

EMAIL: _____

The original price for this book is \$33. For Brian's session, we are offering it for \$20. For those attending via Zoom, a \$5 S&H charge will be added. If you would like to purchase this book, please add it to your registration form.



**DON'T FORGET TO SIGN IN AT THE BEGINNING
OF THE SEMINAR AND/OR MEETING AND SIGN OUT AT THE END**

NESS members may take advantage of the member rate!

Seminar (member)	_____	x	\$150.00	_____	
Seminar (non-member)	_____	x	\$250.00	_____	
Seminar (SIT member)	_____	x	\$ 75.00	_____	SIT # _____
Seminar (student member)	_____	x	\$ 50.00	_____	
Use Funds from Spring Quarterly <i>(if not used, will be saved for next Spring Quarterly)</i>	_____	x	\$ 150.00	_____	
Zoom Seminar (member)	_____	x	\$ 80.00	_____	
Zoom Seminar (non-member)	_____	x	\$120.00	_____	
Book <i>(The State of Vermont, Oratrix vs. The State of New Hamshire, Defendant)</i>	_____	x	\$ 20.00	_____	
Zoom attendees (S&H)	_____	x	\$ 25.00	_____	
Business Meeting <i>Please check for handouts planning purposes</i>	_____				N/C
Food Restriction <i>(call office)</i>					TOTAL: _____
					Check# _____

If paying by CREDIT CARD, FAX completed registration form to: 603-386-6856

Indicate credit card: ___ Visa ___ Mastercard ___ AMEX ___ Discover

Card Number: _____ Exp. Date: _____

Name on Card: _____ Security Code: _____

Billing Address for Card *(if different from above)*: _____

Signature: _____

[CARDMEMBER ACKNOWLEDGES RECEIPT OF GOODS AND SERVICES
IN THE AMOUNT OF THE TOTAL SHOWN HEREON AND AGREES TO PERFORM
THE OBLIGATION SET FORTH BY THE CARDHOLDER'S AGREEMENT WITH THE ISSUER]

IF A RECEIPT IS REQUIRED, PLEASE LET US KNOW AHEAD OF TIME,
SO IT WILL BE READY AT THE REGISTRATION DESK –
CREDIT CARD RECEIPTS WILL BE EMAILED WITH A VALID EMAIL ACCOUNT

Quick Directions: Take I-93, Exit 20 onto Rt. 3, proceed to Laconia by-pass, take Route 11A, Exit East, Right on Country Club Road.

Call 603-524-7808 or visit <http://www.playgolfne.com/>