

FieldNotes...

Affiliated with the
National Society of
Professional Surveyors

The Monthly Newsletter of the **Maine Society of Land Surveyors**

Volume 32 Number 7

Summer, 2025

Maine Society of Land Surveyors
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The In and Out of Preventing Tick Bites *Adapted Maine State Info*

Before you go out

- Know where to expect ticks. Ticks live in grassy, brushy, or wooded areas, or even on animals.
- Treat clothing and gear with products containing 0.5% permethrin. Permethrin can be used to treat boots, clothing and camping gear and remain protective through several washings. Alternatively, you can buy permethrin-treated clothing and gear.
- Avoid contact with ticks. Avoid wooded and brushy areas with high grass and leaf litter. Walk in the center of trails.
- Use Environmental Protection Agency (EPA)-registered insect repellents containing DEET, picaridin, IR3535, Oil of Lemon Eucalyptus (OLE), para-menthane-diol (PMD), or 2-undecanone. EPA's helpful search tool can help you find the product that best suits your needs. Always follow product instructions. Do not use products containing OLE or PMD on children under 3 years old. When used as directed, EPA-registered insect repellents are proven safe and effective, even for pregnant and breastfeeding women.
- If you are using sunscreen, apply sunscreen first and insect repellent second.



After you come in

- Check your clothing for ticks. Ticks may be carried inside on clothing. Any ticks that are found should be removed. Tumble dry clothes in a dryer on high heat for 10 minutes to kill ticks on dry clothing after you come indoors. If the clothes are damp, additional time may be needed. If the clothes require washing first, hot water is recommended. Cold and medium temperature water will not kill ticks.
 - Examine gear and pets. Ticks can ride into the home on clothing and pets, then attach to a person later, so carefully examine pets, coats, and equipment cases.
 - Shower soon after being outdoors. Showering within two hours of coming indoors has been shown to reduce your risk of getting Lyme disease and may be effective in reducing the risk of other tickborne diseases. Showering may help wash off unattached ticks and it is a good opportunity to do a tick check.
 - Check your body for ticks after being outdoors. Conduct a full body check upon return from potentially tick-infested areas, including your own backyard. Use a hand-held or full-length mirror to view all parts of your body. Check these parts of your body for ticks:
- | | |
|-------------------------------|-------------------------------|
| <i>Under the arms</i> | <i>In and around the ears</i> |
| <i>Inside belly button</i> | <i>Back of the knees</i> |
| <i>In and around the hair</i> | <i>Between the legs</i> |
| | <i>Around the waist</i> |

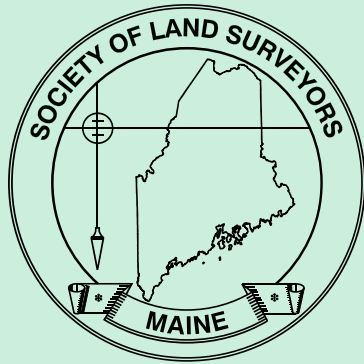
**FALL
MEETING
SAVE THE
DATE**

The Maine Society of Land Surveyors Fall Meeting hosted by Crown of Maine Chapter will be on **October 10, 2025** in Houlton. It is a glorious time of the year to visit the County!

We are fortunate to have Donald Wilson, an MSLS founder, speaking on *Basic legal concepts every surveyor should know, title vs. location and Ambiguities and relative importance of conflicting elements*. **More details coming soon!**

MSLS Contact Information

Levi Ladd, President	416-5644
Jonathan Stewart, Vice President	947-0019
Kevin Farrar, Secretary	215-6340
Jimmy Courbron, Treasurer	200-1678
Ellen Brewer, Director At Large	767-0821
Judd Vear, Director At Large	200-5877
Keith Morse, Androscoggin	754-5937
Spencer Caron, Crown of Maine	532-7313
Karl Olson, MidCoast	882-7008
Wayne Wood, Narragansett	657-3330
Rich Vannozzi, Penobscot	(617) 429-7036
Stephen Gould, Somerset	474-6223
Matt Ek, NSPS Director	831-9470
Cassandra Quintal, Immediate Past Pres.	577-5840
Daniel Bernier, Esq., Legislative Monitor	877-8969
Bruce Bourgoine, Executive Director	882-5200
director@msls.org	



Legislative Committee
(Jonathan Stewart - Chair & Daniel Bernier, Esq.)

Nominating & Membership Committee
(Cassandra Quintal - Chair)

Budget & Finance Committee (Jimmy Courbron)

Board of Licensure (Jonathan Stewart - Liaison)

NSPS (Matt Ek, NSPS Director)

SVT at UM (Stephen Gould - Liaison)

GIS (Greg Copeland - Liaison)

FEMA (Mark Carpenter - Liaison)

DOT (Guy Ladd - Liaison)

Education Committee - (Cassandra Quintal - Chair)

Scholarship Committee
(John Lloyd & Stephen Gould - Co-Chairs)

Historical Committee - (Tom Blake - Chair)

Benevolent & Betterment Benevolent Fund Com't
(Matt Ek - Chair)

Program Committee
(Steve Gould & John Lloyd Co-Chairs)

Publications, FieldNotes and Website
(Bruce Bourgoine)

Executive Committee Meeting Minutes

Wayne Wood's home – Gray, Maine
July 31, 2025

Members Present

Officers -	
President	Levi Ladd
Vice President	Jon Stewart
Secretary	Kevin Farrar
Treasurer	Jimmy Courbron
Directors -	
Crown of Maine	Spencer Caron (Zoom)
Narragansett	Wayne Wood
Penobscot/Hancock	Rick Vannozzi
At Large	Judd Vear
NSPS Director	Matt Ek
Past President	Cassandra Quintal
Also attending -	
Executive Director	Bruce Bourgoine

The meeting was called to order by President Ladd at 6:06.

Legislative Committee (Jon Stewart) – The session is over. This is the final listing of bills this session. The next session will begin next Dec/Jan. Wayne Wood asked about LD 1829 which he says in the description changes the definition of subdivisions to allow for more dwelling units (not lots) within a 5 year period. Jon Stewart said that he'd look that up and get the wording of the bill out to ExCom in an email.

The following bills which can be researched at the following web address are included on the emailed list. <http://www.mainelegislature.org/LawMakerWeb/search.asp> Once at that web address, add the LD# and hit search.

LD 1 – “An Act to Increase Storm Preparedness for Maine’s Communities, Homes and Infrastructure” was assigned to the Appropriations and Financial Affairs Committee. A public hearing was held on February 27th. It has been enacted as Public Law 33.

LD 36 – “An Act to Clarify Processes of the Board of Environmental Protection” was assigned to the Environment and Natural Resources Committee. A public hearing was held on January 27th. It received an “ought to pass as amended” recommendation and was enacted as Public Law 52.

LD 39 – “An Act to Require Forest Landowners to Report the Registration or Sale of Their Forest Carbon Credits” was assigned to the Agricultural, Conservation and Forestry Committee. A public hearing was held on January 28th. It has been engrossed.

LD 65 – “An Act to Update the Definition of ‘Coastal Wetlands’ Under the Natural Resources Protection Act” was assigned to the Environmental and Natural Resources Committee. A public hearing was held on January 27th. It received an “ought to pass as amended” recommendation and has been engrossed.

LD 121 – “An Act to Include Brush and Yard Debris in the Definition of Litter” was assigned to the Criminal Justice and Public Safety Committee. A public hearing was held on February 3rd. It has been engrossed.

LD 128 – “An Act to Support Permitting of Certain Multifamily Housing Developments Under the Site Location of Development Laws” was assigned to the Housing and Economic Development Committee. A public hearing was held on March 11th. Workshops have been held on May 6th and 16th.

LD 161 – “Resolve, Directing the Department of Agriculture, Conservation and Forestry to Convene a Stakeholder Group Tasked with a Comprehensive Overhaul and Modernization of the State Subdivision Laws” was assigned to the Housing and Economic Development Committee. A public hearing was held on February 27th. Workshops were held on March 6th, March 11th and May 6th.



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LD 353 – “Resolve, to Establish the Commission to Recommend Methods for Preventing Deed Fraud in the State of Maine” was assigned to the Judiciary Committee. A public hearing was held on February 12th. It received an “ought to pass as amended” recommendation and has been engrossed.

LD 358 – “An Act to Increase the Fees Paid to Registers of Deeds” was assigned to the State and Local Government Committee. A public hearing was held on February 24th. It has received an “ought to pass as amended” recommendation.

LD 398 – “An Act to Amend the Definition of ‘Transient Occupancy’ in the Laws Governing the Maine Land Use Planning Commission” was assigned to the Housing and Economic Development Committee. After a public hearing it was enacted, Public Law 61.

LD 413 – “An Act Regarding Disclosure by Sellers of Residential Real Property of Notices of Shoreland Zoning Ordinance Violations” was assigned to the Housing and Economic Development Committee. After a public hearing, the bill has been enacted as Public Law 69.

LD 530 – “An Act Regarding Occupational Licensing Reform” was assigned to the Labor Committee. After a public hearing, the bill has been engrossed.

LD 531 – “An Act Regarding Dam Ownership” was assigned to the Environment and Natural Resources Committee. A public hearing was held on March 31st. It received an “ought to pass” recommendation and has been engrossed.

LD 578 – “An Act to Improve Occupational Regulation” was assigned to the Labor Committee and is now DEAD.

LD 870 – “An Act Regarding the Membership of the Maine Land Use Planning Commission” was assigned to the Agriculture, Conservation and Forestry Committee. After a public hearing, the bill has been engrossed.

LD 928 – “An Act to Maintain Public Access to Town Ways in Maine” was assigned to the State and Local Government Committee. After a public hearing and workshop, the bill received an “ought not to pass” recommendation.

LD 958 – “An Act to Prohibit Eminent Domain on Tribal Lands” was assigned to the Judiciary Committee. After a public hearing and two workshops, the bill has been engrossed.

LD 997 – “An Act to Allow Residential Use Development in Commercial Districts” was assigned to the Housing and Economic Development Committee. After a public hearing and workshop, the bill received a divided report.

LD 1026 – “An Act to Provide Mapping Services for Aquaculture Lease Siting” was assigned to the Marine Resources Committee. A public hearing was held on March 27th.

LD 1247 – “An Act to Restrict Municipal Ordinance Requirements Regarding Housing Developments” was assigned to the Housing and Economic Development Committee. A public hearing was held on April 25th and workshops were held on May 9th and 16th.

LD 1562 – “An Act Regarding Municipal Road Standards” was assigned to the Transportation Committee and has been engrossed.

LD 1882 – “Resolve, Directing the Department of Environmental Protection to Conduct Rule Making Regarding Significant Vernal Pools” was assigned to the Environment and Natural Resources Committee. After a workshop and public hearing the bill is DEAD.

Secretary Report (Kevin Farrar) – The minutes from the June 12, 2025 ExCom meeting held at ‘The Cabana’ on Sabattus Lake in Wales were accepted as printed. Motion to accept was made by Wayne, seconded by Matt, approved unanimously.

Treasurer’s Report (Jimmy Courbron) – There is \$34,042.34 in the Checking Account. The scholarship fund currently contains \$255,413.18, a gain of about \$9500 over the last reported amount. There is \$9200.61 in the Bereavement and Betterment Fund. Jimmy said that he’s having a few difficulties lining up invoices and deposits in QuickBooks but is working through it with Bruce. His goal is to have everything reconciled through July by our next meeting. He added that another goal of his is to have a draft 2026 budget for initial discussions by our next meeting. Jimmy wants to collaborate with the bank and Bruce to allow for Bruce to make electronic deposits (via phone). There are times when Bruce only has a check or two but has to make a fairly lengthy drive to make deposits. Jimmy moved and Matt seconded adding this to the agenda for the next ExCom meeting. Moved to accept treasurers report by Wayne, seconded by Rich V., approved unanimously.

Executive Dir. Report (Bruce Bourgoine) – Bruce’s written report is below. Bruce said that MemberClicks (our website host) has been working great with regard to collecting dues payments.

From: Bruce Bourgoine, Executive Director
Regarding: June & July 2025 Report
Date: July 28, 2025

Here are the items focused upon during June and July:

- Finalize annual meeting venue contract.
- Special ExCom follow-up Zoom meeting arranged.
- Routine matters of ExCom meeting preparation, deposits, broadcast e-mails, website updates, FieldNotes publication, and handling external and member communications as required.

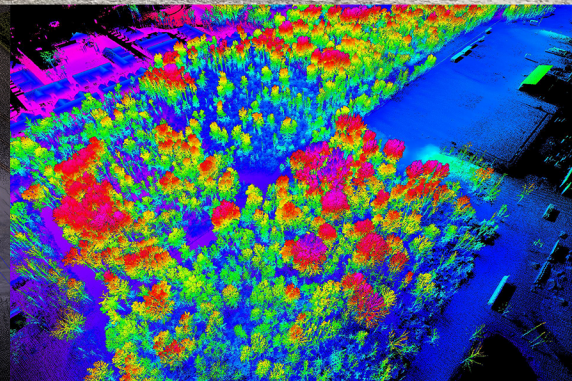
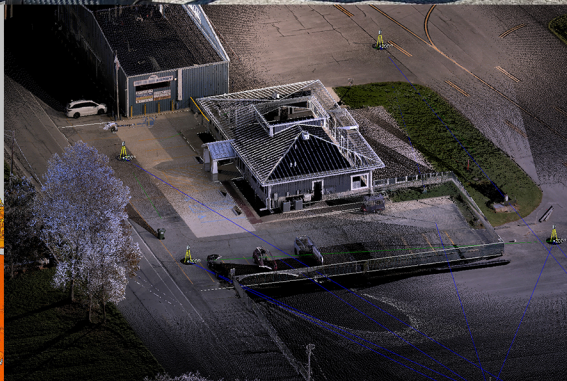
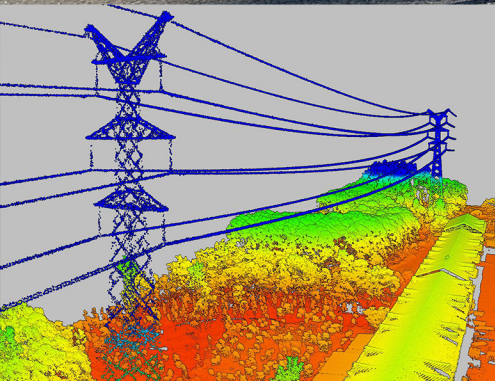
Looking ahead, the following item will be of intermediate focus:

- Supporting the Fall Meeting Chapter Host, Crown of Maine Chapter.
- Looking ahead, the following items will be of long-term focus:
- Broadening MemberClicks use and participation.

As always, I appreciate your feedback to help us meet ExCom’s goals on behalf of our members.

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Nominating & Membership Committee (Cassandra Quintal) –
July 2025 Report

Member type	July	June	+/-
Associate	19	19	0
Complimentary	2	2	0
Honorary	8	8	0
Life	10	10	0
Life Charter	2	2	0
Out of State	20	20	0
Out of State Charter	1	1	0
Regular	166	166	0
Retired	35	36	0
Student	17	16	+1
Sustaining Individual	1	0	+1
Sustaining	7	7	0
<hr/>			
	288	289	-1



Education Committee (Cassandra Quintal) – No report.

Benevolent & Betterment Fund Committee (Matt Ek) – No report. The total in this fund as reported in the Treasurers Report is \$9200.61

Historical Committee (Tom Blake) – No report.

Program Committee (Steve Gould & John Lloyd – MSLS Annual Meeting) – Rich said that he saw a presentation by a professor from Toronto who teaches courses on-line for the University of New Brunswick. He spoke about “artificial intelligence” and surveying. Rich said it was very interesting and he recommended him as a possible future speaker (no name given at the meeting).

Pending General Membership Meeting Planning (MSLS Fall Meeting, Crown of Maine) – The Chapter is looking at either Oct 10th or 17th. A quick poll of ExCom indicated that the 10th would be better. Spencer said that the Chapter is planning to use the traditional venue, the Elks Lodge in Houlton.

LIAISONS –

Board of Licensure (Jon Stewart) – The last meeting was held on June 24th. There were three complaints heard. Two were dismissed with a “letter of guidance” and one was dismissed due to a lack of evidence. Chairman, Jay Raitt will be attending the NCEES Annual Meeting in New Orleans, LA on August 19-22. The Board approved granting a license to an applicant from another state who passed the Maine specific exam, after finding the applicants experience in his home state met Maine’s experience standards. The next meeting is scheduled for August 26, 2025.

NSPS (Matt Ek, Director) – Matt’s emailed the below report prior to meeting. He also highlighted these items at our meeting.

NSPS Report, July 31, 2025

June 19, 2025, I received an email from the NSPS regarding the Department of Transportation - Federal Highway Administration notice of “PROPOSED RULE” (23 CFR Part 630, [Docket No. FHWA-2025-0020] RIN2125-AG28) titled “Rescinding Requirements Regarding Geodetic Markers” with a comment period of 30 days, ending on June 30, 2025. I forwarded the email to the ExCom and a quick online meeting was set up for June 24, 2025. We discussed our support for the edits the NSPS recommended for the proposed rule change. I drafted letters showing our support to the Maine Department of Transportation (MDOT) and the Federal Highway Administration (FHWA). Levi reviewed and cosigned with me on behalf of the MSLS

June 26th, I attended the NSPS Townhall Meetings on-line. Here’s a list of topics that were discussed:

New Executive Directors monthly on-line meetings announced.

Marketing update by Elaine Ball: Website updates on-going, many more hits on social media.

FHWA USDOT rules change discussed.

NGS NSRS modernization discussed (NGS is short staffed now)

Dave Doyle, is getting many requests to speak at state societies but there is no compensation from NGS for travel, so it would be up to the states or Dave to foot the bill.

Seneca Holland and Rich Vannozzi are co-chairs of the Education committee now.

Gary Kent is working on 9 videos (40-60 minutes each and a potential 2 day seminar)

Model Law discussion prior to July 1 deadline.

July 8th, I attended the Workforce Development Committee Meeting on-line

Updated Committee Charges

IPLSA Tech Training Program

Springpod: Surveying Virtual Work Experience



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July 24th, I attended both the Hiring our Hero's and NSPS Townhall Meetings on-line.

Hiring our Hero's events are scheduled in 13 locations currently from June 4th through September 11th. The closest to Maine is Fort McGuire Dix Lakehurst in New Jersey July 31st. All have volunteers to man the booths.

Townhall Meeting:

13 of the Directors have attended all 4 meetings so far, including 4 from the NESS. ME, RI, CT, NY.

Transcripts from that meeting have not been released yet.

Matt Ek – Maine Director of NSPS

SVT at UMaine (Rich Vannozzi) – Rich said that the University has hired a new faculty member for the SVT program. Rich now has tenure with the University. There are 30 people in the Doctorate program, 30+ in the Master's program. There are about 370 undergrads (Bachelor and certificate). A majority of these students are on-line. There are currently about 30 students on campus. The University wants to increase the on-campus footprint for the program. The classes are full and the program is doing great.

Central Maine Community College (Cassandra Quintal) – Summer break right now. Tara Mullen will be teaching the survey course within the “building trades” program this fall.

GIS (Greg Copeland) – No report.

FEMA (Mark Carpenter) – No report

MDOT (Guy Ladd) – No report.

Registries (Kevin Sargent) – No report.

Chapter Reports –

Androscoggin Chapter (Keith Morse) – No meeting.

Narragansett Chapter (Wayne Wood) – No meeting. They may schedule a meeting for September.

Crown of Maine (Spencer Caron) – Chapter has been working on ideas for the fall meeting.

MidCoast Chapter (Karl Olson) – No report.

Penobscot/Hancock Chapter (Rich V) – No meeting. No report. Rich has taken on more responsibility with the UMaine program and he will be speaking with someone to try and fill this position.

Somerset Chapter (Steve Gould) – No meeting. No report.

Unfinished Business –

Publish proposed online voting language for Fall Meeting in FieldNotes: Bruce included proposed wording for on-line voting to be published in FieldNotes. This will be the proposed wording to be voted on at the Fall General Membership. Moved by Jimmy, seconded by Wayne.

New Business –

Next ExCom meeting – September 11th at The Cabana in Wales.

Correspondence – Thank you letter from Andwell Hospice House for MSLS gift on behalf of William Saucier.

Consent Agenda -

July 31, 2025

From Whom	MSLS Committee	Amount
Bruce Bourgoine	Executive Dir. Expenses ~ June & July	\$236.75
Bruce Bourgoine	Executive Dir. Services ~ June & July	\$3,000.00
Matthew Ek	NSPS Fall Mtg travel	\$1,004.62
Total		\$4,241.37
Additions at meeting – None		
Grand Total		\$4,241.37

It was moved to accept the consent agenda by Wayne, seconded by Jimmy, and passed unanimously.

Moved to adjourn at 7:02 pm, seconded and passed unanimously.

Respectfully Submitted

DRAFT

Kevin Farrar – MSLS



James H. (Smith) Kachnovich
October 30, 1943 - July 16, 2025



Livermore – James H. (Smith) Kachnovich, 81, of Livermore, passed away Wednesday, July 16th at Marshwood Center in Lewiston, surrounded by his loving family. He was born October 30, 1943, in Chelsea, Massachusetts, the son of James and Marion (Kachnovich) Smith.

James was a 1962 graduate of Waterville High School and proudly won the State Football Championship his Senior year. He served in the National Guard from 1966 to 1972. He furthered his education at Maine Maritime, then graduated from Paul Smith's College in New York, earning a degree in Forestry. In 1969 he began his career in forestry working for the International Paper Company, eventually moving to the power plant as the power plant control room operator at the Androscoggin Mill in Jay.

James was a licensed professional land surveyor from 1976 to the present and helped form Kachnovich Land Surveying, Inc with his son, Toby.



In 1970, James married Marilyn Simpson, and had two sons, Timothy and Toby Kachnovich. They divorced in 1990. James later married Deborah A. Lane in 2000. James served on the Jay planning board for over 30 years, he was a member of the International Paper Company Quarter Century Club, Amvets Post 33 in Jay, George Bunton American Legion Post 10 in Livermore Falls, Maine Society of Land Surveyors, Lithuanian Heritage Club in Rumford and Wilton Fish and Game. He enjoyed watching his grandchildren play sports, going to camp on Pleasant Pond in Caratunk, hunting, fishing, gardening, and loved working on his wood pile.

James is survived by his wife, Deborah Kachnovich of Livermore, sons, Timothy Kachnovich and wife Jessica of Livermore, and Toby Kachnovich and wife Jennifer of Jay, two bonus children, Courtney Chasse and husband Bruce of Madawaska, and Owen Keene of Lewiston, grandchildren, Tyler and his wife, Renae, Ainsley, Aubrey, and Alaina, bonus grandchildren, Kobe, Mason and Samantha Chasse, and his nephew, Peter Hitchcock and wife Joyce of Rutland, Massachusetts. He was predeceased by his parents, and half-sister, Colleen Hitchcock.

Proposed Bylaws Amendment language to allow electronic voting for officers

ARTICLE III: Election of Officers

Section 4. At least 45 days prior to the Annual Meeting, the Secretary shall prepare and send to each voting member of the Society a paper ballot containing the names of all nominees with instructions that secret ballots must be returned to the Secretary at least fifteen (15) days prior to the date of the Annual Meeting. (See Article VI) Each paper ballot shall be returned in an envelope endorsed with the member's signature. The Secretary shall deliver all paper ballots unopened, together with a list of all eligible voters to a Special Tellers Committee, which shall include at least three (3) members of MSLS in good standing, to be appointed by the President prior to the Annual Meeting and disclosed to the membership also prior to the Annual Meeting, who shall canvas all ballots and the result shall be announced by their Chairman at the Annual Meeting. The candidate receiving the largest number of votes for each office shall be elected. In the event of a tie for any office, the eligible members at the Annual Meeting shall proceed to elect such officer or director by ballot from among the candidates so tied, a simple majority of the votes cast being required to elect. The Secretary shall preserve all ballots for one year.

ARTICLE VI: Balloting

Section 1. All matters coming before the Society requiring a poll of the membership may be answered by a mail ballot or by electronic means as approved by the Executive Committee.

- a) Mail ballots shall be prepared by the Executive Director and forwarded by first class mail to the last known address of all members eligible to vote under the provisions of Article III, of the Constitution. Mail ballots shall contain the question(s) to be voted, together with a statement explaining the matter prompting the poll. Mail ballots shall also contain instructions indicating the majority required to move the question and the last postmark date for the return of the ballot. Ballots posted after the date specified shall be considered invalid. Ballots shall be returned in the same manner as ballots cast in the election of Officers of the Society as provided in Article III, Section 4, of the Bylaws. Results of mail ballots shall be announced at the next general membership meeting of the Society and in the next edition of the Society newsletter.
- b) Electronic Ballots shall be allowed for any elections or votes of any nature by the general membership. The Executive Committee may review and approve an electronic method that offers the best solution and is simple for members to use. Paper ballots shall be available for any member wishing to use a paper ballot instead of an electronic ballot.

Motion to Amend: Strike Article III, Section 4 and Article VI, Section 1, Part a current language in the left column and replace with the new language and edits in the right column as recommended by ExCom, published in the August 2025 issue of FieldNotes and made available here today.

ARTICLE III: Election of Officers

Section 4. At least 45 days prior to the Annual Meeting, the ~~Secretary~~ **Society** shall prepare and send to each voting member of the Society a **secure electronic or** paper ballot containing the names of all nominees with instructions that secret ballots must be returned to the ~~Secretary~~ **Society** at least fifteen (15) days prior to the date of the Annual Meeting **and the proper procedure of how to cast a valid ballot.** (~~See Article VI~~) ~~Each Paper ballots~~ shall be returned in an envelope endorsed with the member's signature. ~~The Secretary shall deliver All electronic results and~~ paper ballots unopened, together with a list of all eligible voters **shall be delivered** to a Special Tellers Committee, which shall include at least three (3) members of MSLS in good standing, to be appointed by the President prior to the Annual Meeting and disclosed to the membership also prior to the Annual Meeting, who shall canvas all ballots and the result shall be announced by their Chair~~man~~ at the Annual Meeting. The candidate receiving the largest number of votes for each office shall be elected. In the event of a tie for any office, the eligible members at the Annual Meeting shall proceed to elect such officer or director by ballot from among the candidates so tied, a simple majority of the votes cast being required to elect. The Secretary shall preserve all ballots for one year.

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Lyme Disease

Fact Sheet

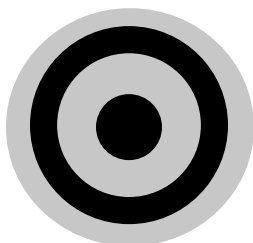


Lyme disease is an illness caused by the bacteria *Borrelia burgdorferi* and *Borrelia mayonii*. It is spread by the bite of an infected *Ixodes scapularis* tick (also called the deer tick).



Anyone can get Lyme disease, but children ages 5-14 years and adults over the age of 65 years are at the highest risk.

Early Signs and Symptoms



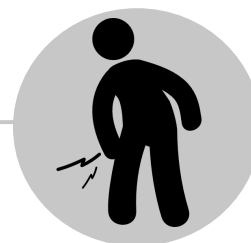
Rash (Usually a "Bull's Eye")



Fever and Chills



Fatigue (Feeling Very Tired)



Muscle or Joint Soreness

Early signs and symptoms of Lyme disease occur within the first month after a tick bite.

Other Signs and Symptoms



Arthritis



Neurologic, Memory, and Concentration Problems



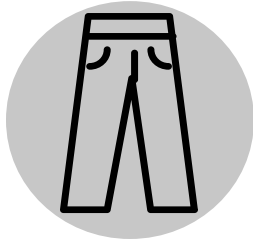
Heart Problems

These symptoms may appear weeks, months, or years after a tick bite if a person is not treated early.



Talk to your doctor if you have any of these signs or symptoms after being bitten by a tick. Lyme disease is diagnosed based on signs and symptoms and confirmed through blood tests. It is treated with antibiotics.

Preventing Tick Bites



Wear light-colored, long-sleeved clothing. Tuck your pants into your socks.



Use an EPA approved bug spray.



Rake your leaves and keep your lawn mowed.



Do daily tick checks and check your pets too.

Safe Tick Removal



Use a tick spoon or fine-tipped tweezers to remove a tick.

-Using tweezers, grab the tick by its mouth and use firm, steady pressure to pull the tick out. Do not use twisting motions.

-Using a tick spoon, line the notch of the spoon up with the head of the tick and gently scoop.

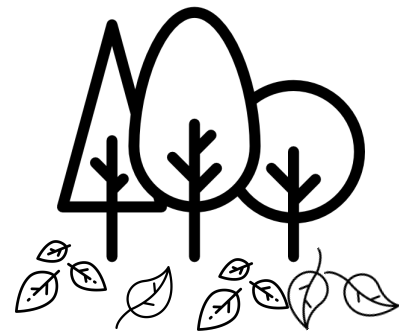
Do not use nail polish, matches, or petroleum jelly to remove the tick. These methods increase the risk of localized skin infection.

Where are Deer Ticks Found in Maine?

Deer ticks, which can carry the bacteria that cause Lyme disease, are found everywhere in Maine. Areas where deer ticks live include:

- Wooded or forested areas
- Wild, unmaintained landscapes with high grass
- Brush or leaf piles

Ticks are active at any temperature above freezing.



For More Information, Visit:



1. www.maine.gov/lyme
2. www.maine.gov/dhhs/tickfaq (For frequently asked questions about ticks)
3. www.cdc.gov/lyme
4. www.ticks.umaine.edu (To submit a tick for identification and testing)
5. www.epa.gov/insect-repellents/find-repellent-right-you (For EPA approved repellents)

You can also call Maine CDC at 1-800-821-5821.

Were you just diagnosed with Lyme Disease?



MaineHealth
Institute for
Research



We are doing a research study to understand why some people diagnosed with Lyme Disease get better quickly with antibiotics, while others take longer to recover. We hope you can help us.



Example of
Erythema Migrans
**LYME
DISEASE
RASH**

YOU MAY BE ABLE TO JOIN THE STUDY IF YOU HAVE:

- ✓ A recent Lyme Disease diagnosis
- ✓ A “bulls-eye” Lyme rash
- ✓ Been on antibiotics for under 72 hours (or haven’t started them)
- ✓ You are 18 years or older

BEING IN THE STUDY INVOLVES:

- Start-up visit with evaluation
- Health questionnaires
- Biopsy of your rash (up to 3, optional)
- Blood, urine, and optional stool samples
- Up to 5 visits over 15 months



blacklegged (deer) tick female

PLEASE SCAN TO INQUIRE
OR CALL OUR TEAM AT
(207) 301-8959



COMPENSATION PROVIDED
FOR PARTICIPATION

MaineDOT CORS Network Update – IT and Data Management Changes and Consideration of Subscription Model.

Since 2007, the Maine Department of Transportation (MaineDOT) has operated a network of Global Positioning System (GPS) Continuously Operating Reference Stations (CORS) to support real-time positioning applications across the state. Currently (September 2025), MaineDOT maintains 19+ CORS sites that collect, store, and stream GPS satellite data to users via a real-time network. Users connect through a cellular data link to a centralized server in Augusta, receiving Real-Time Kinematic (RTK) position corrections to enhance location accuracy.

For the past 18 years, this service has been provided at no cost to users, requiring only the necessary GPS equipment and a cellular data connection. However, due to growing demand, and increasing operational complexity and cost, MaineDOT has had to make changes aimed at ensuring the continued reliability and sustainability of the network.

Key Updates Under Consideration

- **Licensing and Infrastructure Management**
The increasing number of users has prompted consideration of additional software licenses to support expanded access. Additionally, because State IT resources are no longer available to provide system IT infrastructure management, MaineDOT has contracted Trimble Navigation to manage the backend operations using Trimble Pivot software. This arrangement includes storing data on two separate servers to ensure redundancy and system resilience. Under this model, Trimble oversees core system operations, while MaineDOT's RTN (Real-Time Network) Team continues managing user accounts, including login credentials and troubleshooting system access issues.
- **Subscription Model Introduction:** Due to the changes noted above, the cost to operate the network is increasing by at least \$150,000 annually. MaineDOT is considering introducing a subscription access model to cover the added cost. Under this model, users would be required to pay an annual fee of **\$500 per user account** for access to the RTK correction service.

Users who **stream and redistribute MaineDOT CORS data commercially** would be subject to a **\$500 annual fee per CORS station** accessed for reselling or restreaming purposes.

With the implementation of the subscription model, new user accounts for existing users will be required. While the new accounts are required early-on we do not intend to implement a payment requirement until **August 1, 2026**.

Federal, State and other government bodies as well as, municipalities, and quasi-municipal utility organizations may apply for a fee waiver, subject to review and approval.

- **Satellite System Enhancements**

MaineDOT is also planning enhancements to the CORS network by integrating satellite data from multiple global systems, including:

NAVSTAR, the US DOD constellation, (denoted as G)

GLONASS, the Russian constellation (denoted as R)

Galileo, the European constellation (denoted as E)

BeiDou, the Chinese constellation (denoted as C)

NAVSTAR, GLONASS and GALILEO are currently available, and we are planning on adding BeiDou in 2025.

Access to multiple satellite constellations significantly improve reliability and accuracy, especially in challenging environments such as under dense tree canopies.

These improvements aim to ensure the MaineDOT RTN remains a reliable, modern, and sustainable resource for the surveying and geospatial community across Maine. We appreciate your ongoing support and welcome any feedback as we consider these next steps in network development.

For additional information, please contact the MaineDOT RTN Team at rtnsupport.medot@maine.gov.

We have attached instructions on how to sign up for the new MaineDOT RTN.

Respectfully,

Your Trimble Pivot Team

Address:

MaineDOT Property Office

16 State House Station

Augusta, ME 04333

Email: rtnsupport.medot@maine.gov

Survey, Control and Right of Way webpage:


www.maine.gov/mdot/surveyinfo/

CORS DATA (RINEX): <https://mdotcors.maine.gov/>

Create Account-Login Data

Create Account

Register a new account:

Login Data	
Organization:	<input type="text" value="Bobs Survey Co."/>
User Name:	<input type="text" value="BobC"/>
Password:	<input type="password" value="....."/>
Confirm Password:	<input type="password" value="....."/>
	
Security code shown above:	<input type="text"/>
<input type="button" value="Previous"/>	<input type="button" value="Register"/>

Organization is your Company Name.

User Name can be your first and last name, however no spaces or underscore is allowed. Ex. JimGlaser.

Passwords must be at least 8 characters and shall not contain spaces or underscores.

User Error: If you get a User Error, you may have to clear your computers cache and reboot.

If Organization needs to set up multiple accounts, please use the same Organizaton name each time. Please be consistent

Register: Enter Security Code and hit Register

You will receive email that you have Registered (Approval and Activation may take several days)

MaineDOT



Maine Real-Time Network

[Home](#) > [Register](#)

- Home
 - Sensor Map
 - Login
 - Register**
- Additional Links
 - Trimble



Create Account

Register a new account:

Complete
You have successfully registered. You will get an e-mail when the account is activated by the administrator.

To use your account Sign in to the Network

medotrtn.maine.gov – Port 2101

Pivot Network connects you to the closest Mount Point to your current location.

This is for Single-Vector or you can choose VRS Mount Point (recommended)

Multiple Accounts

Users wishing to have multiple accounts with the same company/organization, such as accounts for other individuals or for equipment that requires multiple GPS receivers/antennas, will have to complete the process each time for each receiver will have to enter a Fake Email in the Personal Account.

They will have to put a Valid Email in the Additional Email cell in order to receive notifications from Pivot or the RTN Operators. This Email can also exist in another Personal Account profile.

Create Account

Register a new account:

Personal Data

First Name:

Last Name:

Address:

Zip Code:

City:

State:

Country:

E-Mail:

Separate multiple e-mails by ","

Additional E-Mail:

Phone Number Home:

Phone Number Business:

Phone Number Mobile:

GSM Phone Number for TNC: **Leave Blank**

Language:

Personal Data – Additional Account

Please fill in Personal Data.

This has to be done for each account.

When you hit Next, you will then fill in Organization, User Name and Password.

Email: If email address has been used before, you must enter a **Fake Email**, such as Fake200@gmail.com. In order to receive notifications, you MUST enter a Valid Email in the Additional E-Mail cell.

Once completed, Hit Next

Login Data – Additional Account

Create Account

Register a new account:


Login Data

Organization:

User Name:

Password:

Confirm Password:



Security code shown above:

Same Organization can be on multiple accounts

User Name: Might be BobC2, or Dozer1, Dozer2, Dozer3 etc.

Passwords must be at least 8 characters and shall not contain spaces or underscores. Same password may be on multiple accounts.

Enter Security Code. If you get a User Error, you may have to clear your computers cache and reboot.

If Organization needs to set up multiple accounts, please use the same Organization name each time. Please be consistent

Register: Enter Security Code and hit Register

Questions? Please email: rtnsupport.medot@tgmaine.gov

Calendar Notes...

MSLS September ExCom

September 11 at 6:00 PM

At the Cabana, Wales

Zoom access will also be available

MSLS Fall Meeting

SAVE THE DATE of October 10, 2025

The Elks Club in Houlton, hosted by Crown of Maine Chapter, **more info soon!**

NSPS Certified Floodplain Surveyor (CFS) Training and Certification Program

September 16 - 18 (See msls.org for details)

Heritage Hotel & Conference Center, 522 Heritage Road, Southbury, CT

**Please send your Calendar Notes for FieldNotes
and our online calendrer to: editor@msls.org**

The Parting Shot...



This photo appeared in an issue of the TBM published by the New Hampshire Land Surveyors Association asking what each item is. Marc Cheves, PS and Editor of The American Surveyor weighed in "as a surveyor since 1963" to note that he had used a slide rule in high school, used logarithms in the Army, used a Curta, used both hand crank and electric Monroes, and used all manner of HP computers and calculators!

Email your interesting surveying or Maine "Parting Shot" to editor@msls.org!