



**RHODE ISLAND SOCIETY  
OF PROFESSIONAL LAND SURVEYORS**

Presents

55th Annual Meeting & Conference

Friday - November 21, 2025

At



801 Greenwich Avenue  
Warwick, RI 02886





# **RHODE ISLAND SOCIETY OF PROFESSIONAL LAND SURVEYORS**

**55th Annual Meeting and Conference**

**Friday - November 21, 2025**

**CROWNE PLAZA HOTEL**

**Warwick, Rhode Island**

## **Douglas L Aaberg, PLS Carlson Software**

### **Biography:**

Douglas L. Aaberg, PLS

Survey/Civil Product Manager

617-393-2300x419 / daaberg@carlsonsw.com



Resume Douglas L. Aaberg, PLS is a licensed Professional Land Surveyor in the Commonwealth of Massachusetts and in the State of Colorado. His career in the Land Surveying/Civil Engineering business spans four decades. Having used Carlson Software exclusively since 1998, Doug is a recognized expert in applying the continually expanding capability of Carlson's programming to the everyday "work flow" of land surveyors and engineers.

After owning and operating his own company for fifteen years, Doug now works directly for Carlson Software as their Survey/Civil Product manager. Besides being involved in development, he dedicates his time consulting to both large and small land survey and engineering firms through on-site training, remote support and individually tailored documentation.

### **Education**

Mesa College, Grand Jct., CO – Electronics Technology

### **Licensure**

- MA PLS #35382
- CO PLS #27595

### **Publications and relevant experience**

- A Practical Guide to Carlson Software Fundamentals – Co-Author - Cadapult Software Solutions
- A Practical Guide to Carlson Survey – Author – Cadapult Software Solutions
- Wentworth Institute of Technology, MA – Adjunct Professor of Land Surveying 2007-2008

### **Seminar Session Details:**

Morning      8:00am— 9:45 am

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## Raymond J Hintz University of Maine

### **Biography:**

Raymond J. Hintz is a professor of surveying engineering technology at the University of Maine and is graduate coordinator for a series of surveying graduate degrees that houses 65 surveying students. Prior to his present position from 1983 to 1987 he was an assistant professor of civil engineering at the University of Florida. He has B.S., M.S., and PhD degrees in Civil and Environmental Engineering with emphasis in surveying and photogrammetry from the University of Wisconsin. His research interests lie in automation of data collection and processing of surveying and photogrammetric information. Specific to the topic of interest, he has been responsible for development of the Cadastral Electronic Field Book, which enables automatic entry of measurement and automated field note information into Cadastral Measurement Management (CMM). At the heart of CMM is a least squares analysis driver for conventional survey measurements and GPS. Both products were developed for the Bureau of Land Management. In conjunction with the Bureau of Land Management, he has developed Geographic Measurement Management which is an approved tool for development of their Geographic Coordinate Data Base. GMM has a least squares analysis system which is designed for record survey information. A third project was partial responsibility for the development of Florida Department of Transportation's Electronic Field Book, data processing, and topographic data modeling software system. His primary involvement in this project was the Electronic Field Book Processer (EFBP) which is the least squares analysis engine for an automated link from raw data to final coordinates. EFBP has been adapted to also accept SDMS (AASHTO) format data and various vendor raw survey data formats. He was the primary researcher for survey software development for AASHTO which included support from the Maine Department of Transportation. He has published more than 50 articles in journal and conference proceedings and is a registered land surveyor in the states of Maine and Florida.



### **Presentation:**

#### **Managing Upcoming Datum Changes**

In the foreseeable future at a federal level the implementation of new datums will happen. Essentially, we are joining the rest of the world in accepting where the current center of the ellipsoid is. Since 1983 the National Geodetic Survey has created a process in surveying where we can work in an older coordinate system, but its maintenance has reached a point of impossible nature. Likewise incredible changes in technology of gravity measurement have changed the logic that we apply to what in surveying we have always called elevations. Finally, it has come time to recognize what we always knew – that continental drift and uplift/subsidence – is a reality that in most cases follows mathematical models. But in surveying we need to take this global effort and apply it locally to a state like Rhode Island, and perhaps New England or the Northeast, which can simplify the process. The move in some states to Low Distortion Projections as a new form of state plane coordinates will also be presented. The presentation will be very question and answer format and will even contain occasional “quiz questions” to examine how these complex issues are being absorbed.

#### **Approximate Schedule**

10:00 – 11:30 ITRF – the International Reference Frame; how much change exists across your area; can velocity be associated with coordinates

11:30 – 2:00 Lunch etc.

2:00 – 3:00 Redefining how gravity measurements are made and converted into survey products; why it is all right to eliminate the need for hybrid geoid models

3:00 – 3:30 Break

3:30 – 4:45 How do we convert to or from the “New Datums”?; the redefinition of projection coordinates in some states and could it be applied in New England; questions and answers



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#### Registration Information:

- Please Note the for this years convention IN PERSON at the CROWNE PLAZA HOTEL
- A luncheon buffet will be served w/ awards, 50/50 raffle etc. and there will be no evening banquet.
- A Continental Breakfast, Lunch, am & pm snack breaks are included in your Full Day Registration
- Limited seating for Seminar. You must register to attend, no walk ins.
- Registration **Deadline is November 10, 2025** Late Fee of \$10 will be added if received after 11/10/25
- Active Members of CALS, MALSCCE, MSLS, NHLA, NYSAPLS, and VSLS can attend for the RISPLS Member rate—Check appropriate box on next page registration.
- Make reservations early to eliminate late fee, reserve seating and to be able to pick up your attendance certificate at the end of the meeting.
- Be sure to stay after picking up your certificates as we will be holding the annual Scholarship Auction w/ cocktails & hor d'oeuvres immediately following Certificate Pickup. **\*\*Our Auction will be a SILENT AUCTION this year.. We will have a sheet at each item for bids to be written throughout the day.**
- All Reservations are non-refundable and non-transferable.
- CHECK OR CREDIT CARD NOW ACCEPTED (CC payments a 3.5% transaction fee will be added to your total)
- Please make checks payable to **RISPLS** and mail with completed Registration Form to:

**RI Society of Professional Land Surveyors (RISPLS)**

**410 Tiogue Avenue, Coventry, RI 02816**

Email any questions contact Sherri at the RISPLS office 401-294-1262 or rispls@hotmail.com

- **All Donations are welcome for our Annual Scholarship Auction** that will be held during the Cocktail Hour immediately after the end of day certificate pickup.

Each year a benefit auction is held to raise funds for scholarships to students enrolled in approved surveying and engineering programs. Items are donated by members, friends, exhibitors, suppliers and others in the surveying community. We welcome all items, both new and used. Past items have included surveying software, books, maps instruments, gift baskets, boat trips, gift cards, wine, handmade items and more. If you or your company would like to donate, please bring the item(s) the day of the convention. A table will be set up. Thank you!



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Name:		
Name on your identification badge to appear as:		
Company (will appear on Badge)		
Street Address		
City	State	Zip Code
Phone Number		
Email Address		

**Registration Information:**

**Full Day Registration Seminar (Access to ALL Seminars, Exhibits, includes lunch & breaks)**

Members: \$290.00 \_\_\_\_\_ Non-Members: \$305.00 \_\_\_\_\_

**Luncheon & Award Ceremony Only** \$ 160.00 \_\_\_\_\_ Non-Members: \$175.00 \_\_\_\_\_ (11:30-2pm)

**Exhibit Hall Only (no lunch):** Members:\$75.00 \_\_\_\_\_ Non-Members:\$100.00 \_\_\_\_\_ (11:30-2pm)

Students are FREE \_\_\_\_\_ Students with an ID can attend Seminar & Exhibits FREE! (**Must RSVP Below**)

- Active Members of CALS, MALSCE, MSLS, NHLSA, NYSAPLS, and VSLS can attend for the RISPLS Member rate

**Attending / Sponsorships / Payment**

**Guest Speakers for the Day:**

Seminar I	8-9:45am	Douglas Aaberg, PLS	Carlson Software
Seminar II	10-4:45 pm	Raymond Hintz, PLS	University of Maine

**8am—4:45 = All Day Seminar for (7 PDH)**

**SPONSORSHIPS**

**SPONSOR A STUDENT :** STUDENT LUNCH \$100.00 \$ \_\_\_\_\_

**SPONSORSHIP FOR CONFERENCE BREAKOUTS:** \_\_\_\_\_ Amount \$ \_\_\_\_\_

**Total Amount Enclosed \$** \_\_\_\_\_ *\*Late Fee of \$10, if received after November 10,2025*

All Reservations are non refundable and non-transferable. Please make checks payable to **RISPLS** and mail with completed reservation form to:

**RISPLS, 410 Tiogue Ave, Coventry, RI 02816**

Email Questions to Sherri at: rispls@hotmail.com

OR pay with (check one)  VISA  MASTER CARD (*\$3.5% transaction fee will be added*)

NAME ON CARD: \_\_\_\_\_ (3 digit on back of card)

CARD NUMBER: \_\_\_\_\_ EXP DATE: \_\_\_\_\_ CODE: \_\_\_\_\_

BILLING ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



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**SPONSORSHIPS AVAILABLE:**

**RISPLS** has sponsorships available for the conference  
Breakfast, Lunch, Breakouts, Gifts and Student Lunch.

**Please reserve your Personal or Company Sponsorship today!!**

Friday Continental Breakfast	\$100.00
Friday Morning Break	\$100.00
Friday Luncheon	\$200.00
Friday Afternoon Break	\$100.00
Give Away Gifts to all Attendees	\$150.00
Friday Evening Hors d'oeuvres	\$225.00
SPONSOR A STUDENT LUNCH	\$100.00

If you or your company are interested in a sponsorship, please indicate on the Registration page and include with your payment.

All Sponsorships will be recognized in the Convention Program and on display during the day.

RISPLS appreciates your sponsorship contributions to help make our Convention a success!!

Thank you !

**\*\*\*Donations any size are always accepted for our Annual Scholarship Auction \*\*\***

Please know that all proceeds from our Scholarship Auction go towards the Award given each year at our Annual Convention. We gladly accept gift baskets, Gift Certificates, Homemade Items, Equipment new or used, your favorite beverage, etc.

Please Bring with you and drop off at the Registration Table.

We will be holding our Silent Auction immediately after the Certificate Pickup at the end of the Day.



# 2025 RISPLS PLAN CONTEST

## CONTEST RULES

1. Must be a plan of RI, dated between November 2024 and November 2025.
2. Entries must be un-mounted blue or black line prints.
3. Plans must be 1 sheet (no multiple sheets or sets)
4. Each entry must be accompanied by an entry form.
5. No plans will be accepted after the submission deadline (10:00 am November 21, 2025)
6. Check Awards will be mailed.
7. All decisions are final. Award-winning entries and the results will be displayed at the Convention.
8. All entries will become the property of RISPLS, Inc., and will be disposed of after award presentation.

### Awards

Awards will be presented to the first place winners and announced for the second and third place winners in each category.

First Place-----\$100.

Second Place-----\$ 50.

Third Place -----\$ 25.

### Judging

All entries will be checked for compliance with the Procedural and Technical Standards for the Practice of Land Surveying in the State of Rhode Island and Providence Plantations as adopted by the Board of Registration. No plan will be judged if it does not comply with said Standards.

The plan shall be judged and voted on the following:

- Overall appearance, neatness, balance and consistency.
- Lettering - clear and unmistakable.
- Completeness (deed reference, plan references, areas, old property lines, monuments, etc)
- Qualifying notes or statements (clearly and unmistakably stated)  
Signatures and seals.

### Plan Categories

Plan Categories (Property Line, Subdivision, Site Plan) will be judged using either mechanical or freehand methods.

## Entry Form (please print)

Title of Plan:	Category:
Name of Preparer:	Company Name:
Company Address	Company Phone#

Please submit plan to:

Bring with you to the Convention 11/21/25 and hand in at Registration Table.

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**CROWNE PLAZA**

**801 Greenwich Ave, Warwick RI 02886**

**Telephone: 401-732-6000**

**Check out their website at [CROWNEPLAZA.COM](http://CROWNEPLAZA.COM)**

If you plan on staying overnight, please make your reservations early (now) and mention that you are attending the RI Society of Professional Land Surveyors Event on 11/21/25 to be put on the proper group block of rooms. Rooms are filling up fast this time of year.

Please email [Ashley.mizer@crownehotelwarwick.com](mailto:Ashley.mizer@crownehotelwarwick.com) and mention RISPLS Event 11/21/25 and she will assist on booking your overnight room. Overnight stay is **NOT** included in your registration fee to attend the all day seminar.

All guests will receive complimentary Wireless Internet access in their guestroom as well as in the Main Lobby and Alfred's Lounge.

The CROWNE PLAZA has free on-site parking for conference attendees.

**Check In 3PM Check Out 11AM**

The Crowne Plaza holds several events, if overnight rooms are no longer available at the Crowne Plaza, they may be able to make accommodations at their sister property Holiday Inn Express .

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**THE PIERRE H GUILLEMETTE SCHOLARSHIP AWARD**

The RISPLS is pleased to offer a scholarship for the 2025-2026 academic year to a deserving **student** of Land Surveying.

The Pierre H. Guillemette Scholarship is an annual award which is available to any Rhode Island resident who is enrolled in a course of study leading to a certificate program or degree in land surveying offered by a qualified institution of higher learning.

Applicants must submit a statement outlining their qualifications and future career goals, together with their educational transcripts, a resume and any other pertinent information that may assist the review committee in the recognition of their achievements. Depending on the merits of the various applicants, the Scholarship Committee may recommend award of either all or a portion of the scholarship to one or more qualified individuals.

Payment of your award will be made directly to you in one installment after we receive documentation that you have attended a post secondary school or technical program.

To receive your awarded funds, please send a copy of your grades for the prior semester to the RISPLS office address above. The applicant must submit a new application for each new academic year to be considered for the award of the scholarship. The scholarship award marks a continuing commitment by RISPLS toward the advancement of surveying education.

**THE PIERRE H GUILLEMETTE SCHOLARSHIP  
AWARD APPLICATION**

NAME:			
ADDRESS:			
TELEPHONE:		EMAIL:	
EMPLOYER:			
ADDRESS:			
TELEPHONE:		EMAIL:	
EDUCATION			
HIGH SCHOOL:			
COLLEGE:		OTHER:	
SURVEYING BACKGROUND:			

ON A SEPARATE SHEET OF PAPER, PLEASE EXPLAIN WHAT HAS PROMPTED YOU TO PURSUE A LAND SURVEYING CAREER AND PROVIDE SUCH INFORMATION AS YOU FEEL SUPPORTS YOUR APPLICATION.

PLEASE MAIL TO: **RISPLS, 410 TIOGUE AVENUE, COVENTRY, RI 02816**

**\*\* DEADLINE: October 27, 2025 \*\***

Decision will be made at the November BOD Meeting

**NEW ENGLAND SURVEYING SOCIETIES**  
**Hosting Schedule**



**2023 RISPLS**

**rispls.com**



**2025 NHLSA**

**nhlsa.org**



**2027 NYSAPLS**

**nysapls.org**



**2029 VSLs**

**vsls.org**



**2031 CALs**

**ctsurveyors.org**



**2033 MALSCE**

**malsce.org**



**2035 MSLS**

**msls.org**



**RI Society of Professional Land Surveyors**  
410 Tiogue Avenue  
Coventry, RI 02816

Please be reminded, when you are considering the purchase of services and equipment, these companies are RISPLS Members and support the aims and objectives of the society.

## PROFESSIONAL DIRECTORY

### **BLUESKY GEOSPATIAL**

*Aerial Photography, Digital Mapping, Orthophotos*  
808 State Road,  
North Adams, MA 01247  
800/359/8676  
Web Page [www.bluesky-world.us](http://www.bluesky-world.us)

### **CARLSON SOFTWARE**

33 East 2nd Street  
Maysville, KY 41056  
617/852/0246  
tcarlson@carlson.com

### **MAINE TECHNICAL SOURCE**

*Surveying Instruments & Supplies*  
110 Winn Street  
Woburn, MA 01801  
TEL:800/322/1599  
jbosworth@mainetechnical.com

### **CADNET SERVICES LLP**

100 Carl Drive, ste 12  
Manchester NH 03103  
603/296/2376  
rladd@cadnetservices.com

### **KEYSTONE PRECISION INSTRUMENTS**

1670 East Race Street  
Allentown, PA 18109  
TEL:888/443/9840  
Web Page [www.keypre.com](http://www.keypre.com)

### **Topcon Solutions Store**

128 Bartlett St.  
Marlborough MA 01752  
978/897/5006  
jawilson@topconsolutions.com