

The Connecticut Surveyor

CALS Prepares for a “50th” Anniversary Celebration



CALS Charter Members taken in 1987.

Back row L-R Lyle Whittlesey, David Bascom, Clayton Barrett, Sabino Panza, Alan Devaul, David Huntington, Robert Devaul, Everett Gardner, Angus McDonald, Bill Riordan, Russ Andres, Rocco D’Andrea, Russell Faulds & Robert Henrici.

Front row L-R Merve Strauss, Henry Cotton, Ben Nascimbeni, Augie Lepore, Carl Mattson, Paul Kay & Ralph Sinay.

The CALS 50th Annual Meeting will be held on Friday, November 3 - Saturday, November 4, 2017, at the Sheraton Hotel in Rocky Hill, CT. This momentous event will be combined with the New England State Societies Convention.
See you there!

Inside this issue

CALS Board of Directors.....	2-4
Professional Development.....	4-7
Announcements	8
Land Surveyor Killed in Airport ...	9
NSPS Trig-star	9
A Survey Marker with a Story	10
Survey Marker Book for Children	11
CALS “50th” Annual Book	11
Classified Ads.....	12-16
Calendar	17

Some interesting facts about the leaders who represent you on CALS Board of Directors

I recently asked our directors some “out of the box” questions and thought that you might find some of their answers interesting.

- New London County Director Jeff Greiner grew up in Sebec, Maine, a small town with a population of just over 600, where he worked for his dad who is a licensed land surveyor. He earned his bachelor’s degree in Fine Art and taught in public schools for 2 years before moving to CT. He enjoys music and plays a variety of instruments (guitar, bass, ukulele, mandolin, drums) but his passion is drawing. I was pleasantly surprised when I visited his Facebook page at Little Cranberry Art (his favorite color is red) and saw his amazing nautical sketches. Jeff has lived in CT for 13 years; “it’s a great place for land records research”. He stated “Where else can you see the town where Benedict Arnold was born (Norwich) and the town he burned to the ground (New London) all in one day”?

It has been his experience that surveyors like to be underestimated. Jeff was doing a boundary survey in a very opulent neighborhood when an abutter was determined to talk to him as if it was his 1st day on the job and she held a Master’s Degree in land surveying. After grabbing a map from his hands and telling him how he was looking in the wrong place, he calmly pointed out that she had the map completely upside down and he was exactly where he needed to be. Seconds later, his co-worker found the drill hole they were looking for. You never saw a more confused person in your life!

New Haven County Director Adam Hoffman grew up in Hamden and learned land surveying while working for his uncle Bernie. He says that he drives a 15 year old car but I have seen him tooling around in a shiny Audi! His quick wit protects him from two of his pet peeves - clients who don’t pay their bills, and surveyors who do shoddy work. He loves the outdoors especially in the winter when he can ski and hike - Canada is the best!

Adam remembers one time when he and his uncle walked into a neighbors back yard to find an 80 year old woman sunbathing topless; she said “Don’t worry young boys, they don’t bite” (his uncle was 60 at the time)!

Hartford County Director Dean Martin started out studying civil engineering. The first company that hired him was as a rod man and after 1 year he realized that surveying was going to be his career. Two things that drive him crazy are laziness and ignorance. He hates snakes and loves to snow-mobile in Northern Maine.

One of Dean’s most interesting experiences took place when he was working on an as-built inside the Middletown power plant; he was off the week of the explosion!

CALS Treasurer Alan Fenrow is licensed in Mass. & RI as well as CT. He grew up in Willimantic and studied Computer Science, Mechanical & Civil Engineering along with land surveying.

Alan loves to fix old trucks and cars and will travel to nearby states looking for parts for his 2 antique pickup trucks. One is 47 years old and the other is 70 years old. He also loves to garden, play the fiddle and sing in a music group.

One of Alan’s most unusual experiences was surveying the inside of a supermarket early in the morning to help engineers fix a floor that had more waves than an ocean. Alan’s pet peeve is people who complain about things and don’t offer any solutions!

Rick Howard, NSPS Foundation Trustee, grew up in Alton, NH on Lake Winnepesaukee and was one of the 1st members of his family to move off the street. He is the only surveyor in his family and is licensed in CT, MA & NY. He recently upgraded his blue 2000 Chevy Silverado to a 2013 edition but it is still blue. He has a strong aversion to snakes and hates wasting time. Rick loves to fly fish for trout. He has not been out since he began his own surveying business in 2007 but would love to rectify that this summer if anyone is interested!

An unusual surveying experience for Rick was on the River Cross sections on the CT River in Northern MA. They involve steep banks, lots of vines and poison ivy, wading, hydrographic surveying, river navigation/boating and dealing with a river that can have flows as low as 2000 and as high as 140,000 cfs (and higher.)

Tolland County Director Jay Ussery grew up in Ellington, CT. He graduated from Paul Smiths College in 1975 and began his career in land surveying. His oldest son Joe is following in his footsteps.

Jay is afraid of snakes, is not color blind, and drives an 11 year old black truck. His favorite pastime is golfing, preferably at Myrtle Beach, SC.

An interesting experience was after he picked up his partners TV from the repair shop and when to work. The resident was not home and a neighbor saw some "strange men" walking around the house and called the police. It took Jay a few minutes to convince the officer that he was not stealing electronics from the house!

Tolland County Director Larry Geissler grew up in Mansfield, CT. He received his A.A.S. Degree in Forestry and Land Surveying from Paul Smiths College and is now a licensed land surveyor in CT, MA & RI.

He drives a 2013 Ford F-350 pick up truck and is not color blind, although his wife may disagree when it comes to decorating!

He enjoys boating on the CT River, Long Island Sound and Lake George, NY. He also likes to fish, do wood working and wood turning projects, welding projects and spending time with his family and in particular his grandchildren.

Brian Florek represents the Public Sector Council. He grew up in Waterford, CT and studied Civil Engineering & Business Administration. He is now the Supervisor of Surveys for the CT DEP-LAM. One of his pet peeves is people who don't listen. He is the only surveyor in his family, drives a 2005 green Chevy 1500 pickup truck, and is afraid for Fisher Cats! His favorite hobby is surf fishing but he won't tell us his favorite spot!

An unusual experience he had while surveying was finding actual gun barrels which were used as iron pipes.

Litchfield County Director Tim Wyllie grew up in Oxford, CT and has lived in CT his whole life. Before becoming a licensed land surveyor he attending a drafting technical school. On weekends he like to brew beer. Sounds like a fun way to relax!

CALS Board of Directors

- Wayne Zirolli, President
wzengineering@optimum.net
- Susan Mattern, 1st Vice President
susan@matternstefonsurveyors.com
- Chris Juliano, 2nd Vice President
cjuliano@julianoassociates.com
- Bob Baron, Secretary
Robert.Baron@ct.gov
- Alan Fenrow, Treasurer
afenrow@gmail.com
- Fairfield County Directors
Mike Shevlin mike@shevlinls.com
Roger Stalker
surveying@sbcglobal.net
- Hartford County Directors
Dean Martin
martinsurveying148@yahoo.com
Reese Roberts
reese.roberts@snet.net
- Litchfield County Directors
Bill Hall surveyors350@hotmail.com
Tim Wyllie twyllie1234@yahoo.com
- Middlesex County Directors
Norm Bolduc nb12survey@yahoo.com
Rick Martel martelnorthstar@aol.com
- New Haven County Directors
Mike Garon gren1414@comcast.net
Adam Hoffman
ahoffman@godfreyhoffman.com
- New London County Directors
Craig Bigger
cbigger@cmeengineering.com
Jeff Greiner jgreiner2009@gmail.com
- Tolland County Directors
Paul Archer
archersurveying@yahoo.com
Jim Rossman
jrossman@stadiaeng.com
- Land Surveyors in Private Practice
Mark Lebow ml@wvs-ls.com
- Midstate Assoc. of Private Practicing Surveyors
Alan Bongiovanni al@bgils.com
- Legislative Chairman
Bob Dahn bdahn@mehangoodin.com
- NSPS Representative
Jeff McDougal jm@wvs-ls.com

CALL US!

WE ARE HERE TO HELP!

Interesting facts about your Board of Directors

LSPP Director Mark Lebow was raised in Stamford, CT. He studied architecture & construction management at Norwalk State Tech. College and is now VP of William W. Seymour Assoc. in Darien, CT. He is the only surveyor in his family, he runs from yellow jackets which always seem to nest in a wood pile where he has to pin a corner!

Clients who ignore his advise and then ask him to bail them out of trouble drive him crazy.

Until this year Mark drove a 16 year old green car but now he has a shiny new blue one.

He loves to ski in the winter and ride his motorcycle in the summer.

Mark once worked on an interesting project where a two-family house straddled a property line, with two different owners and one side encroached on the other. They ultimately tore down half of the house and reconfigured the lot line to match the remaining wall.

New London County Director Craig Bigger grew up in Vermont and is licensed in CT & NY. Craig did construction work after high school until one day during the winter shut down a friend asked him if he wanted to work on his father's survey crew. He took the job, liked it much better, and the rest is history!

Things that drive him crazy are shoddy work, property corner pincushions and bad drivers. He loves to ski in Vermont but enjoys skiing trips out west the most.

Craig works for the CTDOT. Recently he was asked to survey a drainage culvert that is about 600 feet long and required him and his crew to traverse through it. The system had large deposits of sediment, which combined with low light and tight space, made the job rather challenging.



PERMIT DIVISION HOURS

PERMIT DIVISION WILL WORK WITH WALK-IN CUSTOMERS ONLY DURING THE FOLLOWING TIMES:

MONDAY: 8:30 AM TO 12:00 PM

TUESDAY: 8:30 AM TO 12:00 PM

WEDNESDAY: NO WALK-IN HOURS

THURSDAY: 8:30 AM TO 12:00 PM

FRIDAY: NO WALK-IN HOURS

- Inspections may be scheduled for anytime during business hours (8:00 AM – 3:30 PM) with 24 hours minimum notice.
- Cancellation of scheduled inspections needs to occur ASAP, but certainly before 8:30 AM the morning of the scheduled work.
- For all permits related to emergency work please apply within 24 hours.
- To schedule appointments outside of walk-in hours please call Customer Service at 203-854-3200

ENGINEERING DIVISION HOURS

ENGINEERING DIVISION WILL WORK WITH WALK-IN CUSTOMERS ONLY DURING THE FOLLOWING TIMES:

MONDAY: 9:00 AM TO 12:00 PM

TUESDAY: 9:00 AM TO 12:00 PM

WEDNESDAY: NO WALK-IN HOURS

THURSDAY: 2:00 PM TO 4:00 PM

FRIDAY: 9:00 AM TO 12:00 PM

- To schedule appointments outside of walk-in hours please call Customer Service at 203-854-3200

CALS Secretary, Bob Baron is Manager of Survey Operations for the CT DOT in Newington. He served in the US Army as a Demolition Engineer and studied Environmental Engineering until "he realized how much he hated chemistry" and took some survey classes and thought they were "really cool"! Bob Drives a new gray Tacoma; he doesn't care for "selfish people" and he is somewhat color blind in that he can't see orange on green backgrounds very well such as flagging on trees.

Besides spending time with his granddaughter, Bob enjoys salt water fishing, boating and going to the beach. His favorite place is Napatree Point in Westerly, RI.

While working on the last phases of the field survey portion of the geodetic conversion to NAD 83, Bob was a triangulation tower climber, or as he says, "an observer for a couple of years"!

CALS 2017 Annual Reference Book



Copies of the Annual Reference Book were distributed at the Annual Meeting.

This book is filled with important information that you will have at your fingertips throughout the year.

If you were not able to attend, please stop by the CALS office to pick up your copy or call your county director to arrange to pick it up closer to home.

Our Treasurer Alan Fenrow has worked very hard to lower our expenses - translation - **NO INCREASE IN DUES!** So, we are no longer mailing copies each year. However, if you would like your copy sent to you, please mail \$2.75 to the CALS office and Kathy will be happy to send your book right out to you.

EGR 410 Boundary Law

Online Asynchronous Text Based Course

15 Weeks, 3 Credits, Cost \$1,148 +book
Spring Semester Starts January 15, 2017 and Ends May 4, 2017
Charter Oak State College, CT
www.charteroak.edu

Textbook: *Evidence and Procedures for Boundary Location, 6th Ed., Robillard et al*

This course is not an FS review course but an in depth 15-week class on boundary law and history in both public lands and metes and bounds states. It has proven helpful in mastering boundary law issues for the FS and PS examinations.

Instructor: Jay Doody PLS & PE (CT). For more information contact Jay Doody at jjdoody@snet.net

“Education is not a luxury, it is a responsibility that society owes to itself.”

Professional Development

The University of Maine Surveying Engineering Technology (SVT) invites the New England surveying community to take any of the following on-line classes Fall 2017 starting on Jan. 17

SVT 201 – Adjustment Computations

SVT 331 – Photogrammetry

SVT 352 – Practical Field Operations

SVT 532 – Survey Strategies in Use of Lidar

SVT 541 – Geodesy

All five classes can count toward a BS in SVT. The 500+ courses count toward a Professional Science Masters Degree (PSM) in Surveying Engineering. If you wish to take a class or classes please contact Ray Hintz (Raymond.hintz@umit.maine.edu) and I will set it up for you. The lectures, homework's, and exams exist on an internet site and you have no exact lecture times. All homework and exams have exact due dates. Questions are presented via e mail and phone.

For Maine residents cost is simple – in state tuition. For the rest of New England it is complicated.

Simply taking a class you will pay out-of-state tuition.

Applying to U Maine as a SVT undergrad will reduce tuition to the “NEBHE” rate – in state *1.5.

Applying to U Maine as a PSM graduate student will reduce tuition the E tuition rate – in state * 1.25

Applying for admission to a degree program immediately will be approved before classes begin – see

<https://go.umaine.edu/apply/> or

<https://umaine.edu/graduate/apply/>

For Tuition questions see

<http://umaine.edu/bursar/tuition-and-fees/>

All veterans of the US Armed Forces pay in state tuition!

The future!!!!

Our Industrial Advisory Committee (IAC) wants us to have an on-line SVT degree option and an 18 credit on-line SVT certificate program as soon as possible. The certificate would meet

current educational requirements of all New England states. The conventional SVT BS degree will still exist for students who chose to be in Orono. We realize many people want the education but cannot relocate so we are bringing the classes to you. The classes offered spring 2017 will count toward the BS degree or certificate.

We cannot proceed with such a major effort unless we hear from you. In other words we need a guaranteed interest level. Thus if you are interested in an on-line SVT BS degree or an on-line SVT certificate (specify which one) it is imperative that you e mail Ray Hintz (Raymond.hintz@umit.maine.edu) with your intent today! I will keep you on a mailing list that will provide you with our target dates for implementation. If we do not receive a requisite interest level in these on-line options we will not be able to move forward with their implementation.

Thanks

Ray Hintz

SVT program coordinator



Affording a Surveying Education

By Knud E. Hermansen, P.L.S., P.E, Ph.D., Esq.

I am a faculty member in the surveying program at the University of Maine and a parent of three college educated children. I am often asked, mostly by parents, what financial aid is available for their children. I will share the guidance I provide on the subject of how to afford a quality four-year surveying education.

Apply for Surveying Scholarships — Almost every state surveying society has scholarships available for aspiring surveyors. National professional societies such as the National Society of Professional Surveyors have scholarships available to students. Scholarship committee members often lament how few scholarship applications they receive. The fact is that a majority of surveying students do not apply for the numerous surveying scholarships that are available.

In order to encourage students to apply for scholarships, I will often suggest to students that the hour or two that may be required to prepare a complete and quality application will often garner some of the best hourly pay the student will ever earn. To obtain a \$2,000 scholarship for two hours of effort is equivalent to \$1,000 per hour.

My advice is usually ignored. (I suspect if the parents heard my advice, more scholarship applications would be forthcoming from their children.) Accordingly, those students that do apply for a scholarship have an excellent chance to obtain a scholarship. The odds of receiving a scholarship are much better than any lottery.

Apply for Work Related Scholarships — Many employers offer scholarships to employees. In the past, the Bureau of Land Management (BLM) provided educational funding for students that worked for the BLM as summer survey interns. Several private surveying firms often provide scholarships to summer interns upon their return to college after working for the firm during the summer so long as there is a commitment to work for the firm in the future.

The most notable work related scholarships available to employees are National Guard and military reserve scholarships. Serving one weekend a month and two weeks a year will often provide a student with full tuition toward a four-year degree.

Apply for General Scholarships — Numerous colleges offer general scholarships to students. Scholarships are often available to students that are in certain disciplines, the residents of certain towns, members of certain minority ethnic groups, or have achieved notable academic standards.

Community College — Students can save considerable tuition expense by attending a community college. Tuition is often considerably less at community colleges when compared to the tuition for similar courses at a four-year university. Students should be encouraged to take as many credits as possible at a community college. Mathematics, English, speech, physics, and many other general subject classes can be taken at a community college. These courses will usually transfer to a four-year surveying program. If there is some doubt, check on transfer credits at the four-year program before taking the course at a community college.

Students that are intending to embark on a surveying career should consider getting an associate degree in surveying at a community college before transferring to a four year surveying degree program. In the alternative, the student can take almost all their general course work at a community college and take the engineering and surveying courses at a four-year college in order to complete a degree requirement leading to a bachelor of science degree in surveying.

Affording a Surveying Education Contin-

By Knud E. Hermansen, P.L.S., P.E, Ph.D.,

Advice to My Children — While I have given this advice to many students and parents, parents are curious and have asked me what advice I gave to my own children. How did I handle financing my children's education? My advice to my three children was simple and direct. They could go to any college they could afford.

I see so many young students enroll in university programs that have very little future for employment (not so in surveying). Students enrolled in majors without future employment prospects will pile up debt with little hope for paying off the student loans in a reasonable period, if at all. At least half of the students at the campus where I teach would have a much brighter economic future and more rewarding career had they gone to a technical school and learned a trade rather than attend a university where they majored in, for example, Medieval Literature.

To further compound their future financial difficulty, many students attend expensive private colleges where the students enroll in majors with little prospect for future employment.

My advice and opinions were communicated to my three children. My daughter and son became engineers. My youngest son is a nurse. All are gainfully employed without student loan debt. Two financed their education with Army scholarships. One financed her electrical engineering education with a merit scholarship that covered all four years of her education.

In closing, you might ask how I funded my own education. I used the G.I. Bill (Marine Corp veteran). I followed the advice I gave. I earned a two-year degree before transferring to a four-year program. My graduate degrees were funded by my employment as a teaching assistant. I will also give credit to my wife who also worked to support the family while I attended college.

I hope this advice helps prospective students and parents. We need more surveying students. In 2016, surveying graduates had at least three employment offers each. Surveying is a great major and rewarding career. Encourage more students to enroll in a surveying program and give the prospective students and parents my advice.

To apply for a scholarship from CALS go to (http://ctsurveyors.org/wp-content/uploads/2016/10/2017_scholarship_application_02.pdf).

You create your own opportunities - Apply for a Scholarship Today!

Notice to Surveyors with antique compasses in working order



I am performing research on the accuracy of compass needles of various lengths and have established a compass calibration range in West Haven. If you have an 18th or 19th century compass you would like to have tested for needle accuracy, please contact me at jjdoody@snet.net or 203-933-3850.

Jay Doody, PS, PE

“All men who have turned out worth anything have had the chief hand in their own education”

Sir Walter Scott

Continuing Education Credits in New York

Continuing Education Chairman Jay Doody has completed a lengthy application to have CALS sponsored seminars receive professional development credits in New York State. We expect to receive approval well in advance of the Annual Meeting in November.

Looking for Old Survey Equipment & Books

A long-standing member of CALS is decorating his office and is looking for memorabilia to decorate his office. If you have anything that you would be willing to part with please contact him at joe.pereira@pereiraeng.com.

Licensed Land Surveyor Killed at Fort Lauderdale Airport

According to family members, Michael Oehme was killed. His wife, Kari Oehme, survived after being shot in the neck.

The Oehmes were in Fort Lauderdale, Florida because they were leaving for a cruise.

Michael, 57, was a land surveyor and owned a business in Omaha, Nebraska.

Mark Lea was also at the Fort Lauderdale airport on Friday. He says he had a conversation with the Oehmes and helped them after they were hit by bullets. He says he saw the gunman, identified by police as 26-year-old Esteban Santiago, shooting people in the baggage claim area and rushed over to help the couple.

"There was a couple of older ladies that I helped out, get outside, ran back inside, tried to get a couple other people out toward the door, as well as stay out of the line of fire from the shooter," Lea said.

Lea says the whole incident lasted less than a minute.

"Didn't matter you were a man, woman, child, white, black, whatever - didn't make a difference. If you were in his path, you got shot," Lea said.

Authorities say five people were killed and six were injured in Friday's shooting. Security is being stepped up at airports across the country.

Taken from Fox News, January 6, 2017



TRIG-STAR
A High School Trigonometry Skill Awards Program
Administered by the National Society of Professional Surveyors

★★STATEWIDE SPONSORSHIP APPLICATION FORM★★

The TRIG-STAR contest allows NSPS State Affiliates to sponsor unlimited TRIG-STAR contests by operation under a yearly state site license granted by NSPS. A local sponsor is still needed for each participating High School to administer the tests. Only one TRIG-STAR contest will be allowed per participating local high school per year. The state affiliates must apply to NSPS on this application form to be eligible for a site license. A package containing TRIG-STAR contest instructions, a TRIG-STAR test problem, and a sample TRIG-STAR news release will be delivered in camera ready format for the state affiliates to copy and distribute within the state at the state affiliates discretion. The local TRIG-STAR contest sponsors will be responsible for making all the local arrangements. The state affiliate society will determine the state TRIG-STAR contest winner who is eligible to compete in the NSPS National Trig-Star Contest.

STATE _____ DATE _____

AFFILIATE (SPONSOR) _____

State TRIG-STAR Coordinator _____

Mailing Address _____
City _____ State _____ Zip _____

Phone Number () _____ Fax Number () _____

Email address _____

TRIG-STAR contest materials will be sent to the State TRIG-STAR coordinator.
Sponsorship fee: \$500.00

Please send my packets: email mail
Number of packets by mail: 5 10 15 20 Other _____

Make checks payable to NSPS TRIG-STAR or pay by Visa, MC, Amex, or Discover
Card # _____
Security Code _____ Expiration Date ____/____/____ Billing Zip Code _____

Name on Card _____ Signature _____

Email Address for Receipt _____

Send To: TRIG-STAR, 5119 Pegasus Court, Suite Q, Frederick, MD 21704
Phone: 240-439-4615 * Fax: 240-439-4952

A Survey Marker With a Story

In March 2011, a 9.0-magnitude undersea earthquake occurred off the east coast of Japan and triggered a powerful tsunami. The immediate aftermath of the event left behind widespread destruction and devastation, but some good did come of the tsunami years later; it involves a survey marker, an across-the-ocean journey, and a creation that could help spark more interest in surveying as a career the world over.



Little Orca's 5,000 Mile Odyssey

It all happened one summer night in 2012 as John Hohol, president of the International Federation of Surveyors (FIG) educational foundation and head of the National Society of Professional Surveyors (NSPS) delegation to FIG, was browsing the Internet searching for surveying-related items. He came across a video interview of a charter boat captain from Orcas Island, a part of the San Juan Islands in Washington state. The captain, Tom Avena, was explaining that he had found a plastic object floating alongside his dock and wasn't exactly sure where it came from.

It didn't take long for Hohol to recognize the object. He has worked with Ripro Corporation, the maker of the survey marker, since the early '80s, so he made it a point to contact Kengo Okada, the CEO of the Okayama, Japan-based company. He told Okada about the recently discovered marker.

"It was a very unique kind of marker and Ripro has been making these 100-percent recycled markers for quite a number of years," Hohol says. "It's definitely, so to speak, foreign to anything in the U.S., so it was easy for me to recognize."

Okada didn't hesitate to start trying to figure out where in Japan the survey marker came from, where it was originally installed. He says Ripro produces 3 million number plates for survey markers annually, so researching the marker sales list for it was no easy feat.

"Number 52 was a lucky number. I realized I could focus on two surveyor customers," Okada says. In August 2012 he called Izumi Kaitani, one of the two customers linked to the number 52 that the marker found in Washington was marked with. He explained the story to Kaitani who checked his map history for the survey markers he had installed. After finding where this particular boundary marker had been placed, he traveled to the site in Hidaka, a city in southern Saitama Prefecture, Japan, and found that it was missing. Kaitani let Okada know about the confirmed disappearance of the 30-by-30-by-400-millimeter #52-4557 survey marker and Okada visited the site for himself.

Okada reconnected with Hohol, sharing the news that the origin of the survey marker had been found and that it had been uprooted in the 2011 typhoon, then journeyed around 5,000 miles across the Pacific Ocean to Washington state.

"It had quite a voyage to actually get out into the ocean because it had to go down several canals and out into a bay before it actually reached the ocean and managed to cross it. ... There are a lot of nooks and bodies of water to maneuver around. So it's something that it ended up floating along his dock like that," Hohol says.

Hohol contacted Avena and coordinated a trip in which he and Okada would visit the site in Orcas Island where the marker had been found. In July 2013, the three met up, visited the spot where the marker had been found and went on a whale watching tour hosted by Avena.

Survey Marker Book for Children

While on the whale watching tour in Washington, Averno's son and Okada came up with the nickname "Orca" for the marker. Okada remembered that back in Japan, while carrying out a Power Point presentation on the story behind the lost survey marker, the surveyor customer who had initially staked the marker found it hard to understand. At the time, Okada's son was two years old and he had taken him to the library to show him a children's comic book, traditionally referred to as Manga in Japan. Thinking back to that on the boat with Averno and Hohol, Okada came up with the idea to make a children's Manga book about the Orca marker as an easy way to explain the story to everyday people.

Upon his return to Japan, Okada started to write the story and had a friend illustrate the drawings. He got help from U.S. friends with the English translation process. In November 2014, he finished the book, titled "Little Orca's 5,000 Mile Odyssey." Now it is distributed by Japanese bookstores and the government library in Japan. It is also available on Amazon and directly from Ripro.

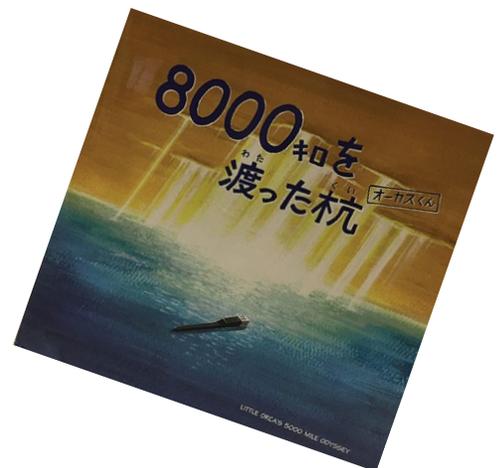
"It has been well received by people from all over the world," Okada says. "Everyone agrees that this is an unbelievable and fun story."

Hohol points out that surveying, worldwide, is an aging profession and that it is something he as an FIG representative spends a lot of time working to address. He says a lot of discussion has been made about going into high schools and getting adolescents to understand surveying so that some of them ultimately explore it as a career. In addition, he says a lot of talk has been focused on what age group or groups should be targeted. In his opinion, a children's book is a great opportunity to reach younger audiences without being boring.

"Just like learning a foreign language, you can never be too young to start. In some cases, they're looking at ways they can go into grade schools to show them the coolness of being a surveyor and the tools and so-called toys surveyors use. So it's very important to be able to find ways to communicate that, especially to younger kids, to get them enthused as well."



Kengo Okada, Tom Averno and John Hohol





DEEP Survey, Stafford, CT. Submitted by Mike Gosselin

CALS “50th” Annual Reference Book

CALS Secretary has already begun working on the next Annual Reference Book.

He would like to include some “really cool” surveying and outdoor photos from our members such as instrument setups, old recovered survey markers, sunsets, etc.

Please help us and share some of your photos with us. Pictures, along with a brief description, can be sent to kathy@ctsurveyors.org.

Classified Ads

Fairfield County

- **Licensed Land Surveyor** - Arcamone Land Surveyors LLC located in Norwalk, CT is looking to hire a full or part time CT licensed land surveyor. Responsibilities include performing land title search, zoning location surveys, property surveys, topographic surveys, construction layout and staking and elevation certificates. Knowledge of AutoCAD and data collection in processing and preparation of all surveys is required. Robotic/GPS experience a plus. Arcamone Land Surveyors offers a competitive salary, paid vacation, paid holiday and health club benefit. Please submit resume to Wayne Arcamone P.L.S./Owner at wayne@arcamonesurveyors.com.

Classified Ads

Fairfield County

- **Licensed Land Surveyor** - S.E. Minor & Company, based in Greenwich, CT seeks to hire a full time CT licensed land surveyor. Experience with all phases of land development is essential. Needs to be able to communicate effectively with survey and engineering staff, clients, municipal review boards and other design professionals. Requires ability to work independently and with a team, assist in establishing project budgets, schedules, and meet established deadlines. Minimum 6 years relevant experience; L.S. required. Requires excellent verbal and written communication skills as well as proficiency in the use of AutoCAD and related software.

Competitive salary commensurate with experience; health and 401k benefits package offered. Candidates should email resumes to: resumes@seminor.com.

-
- **Pereira Engineering, LLC** is an established Civil/Environmental/Land Surveying firm located in Shelton, CT and we are looking to fill the following position:
 - **Civil Engineer** - experienced in various types of site development projects including residential, commercial, and municipal projects. Responsibilities include the design of site layouts, subdivisions, septic systems, storm and sanitary sewers, storm water management systems, grading, roads, and hydrologic/hydraulic studies. Duties will include preparation of plans, specifications, and calculations as well as coordination with other design professionals and public officials. Qualified candidate must have a B.S. in Civil Engineering from an accredited engineering program and must be proficient with AutoCAD Civil 3D and other commonly used design and drainage analysis software. Candidate must be organized, highly-motivated, and detail-oriented.

Pereira Engineering offers a very competitive salary and benefits package including Major Medical Insurance, 401(k) Profit Sharing Plan, Life Insurance including Short-Term Disability and AD&D coverage, paid Vacation, Holidays, Sick Days, Direct Deposit for payroll, and a Health Club membership. Please email resume and salary requirements to: joe.pereira@pereiraeng.com or fax to: (203) 944-9945.

Immediate Need for multiple positions at a relaxed and friendly land survey firm. Positions include:

- **Entry Level Field Surveyor** (willing to train the right candidate)
- **Experienced Party Chief** with research and AutoCAD abilities.
- **Survey/Field Technicians** to join the Redniss & Mead Team of Land Surveying, Civil Engineering, and Land-Use Planning professionals in a growing firm located in Fairfield County, CT. Candidates should have 3+ years experience in the surveying field and experience in the processing and preparation of all types of surveys, including boundary surveys, topographic surveys and construction layout. Knowledge of AutoCAD and Data Collection is required. Responsibilities include performing fieldwork, processing and mapping of fieldwork, coordination with clients and in-house staff. Work for this position will be on a variety of project types including residential, commercial and institutional. For consideration, please forward your resume to Lawrence W. Posson, PLS, Director of Surveying: L.Posson@rednissmead.com. We are an Equal Opportunity Employer and offer a competitive compensation package including salary, medical benefits, paid vacation, paid holidays, performance bonuses, 401K retirement plan, direct deposit, and a health club membership.

Classified Ads

- **Project Manager / Party Chief BSC Group** - Join our dynamic group of Professional Surveyors, Landscape Architects, Engineers and Environmental Scientists with offices in Connecticut and Massachusetts. The company is currently in search of talented Surveyors to join the growing Survey group in Glastonbury, CT, and support ongoing projects that will contribute to our expected growth in the public and private sectors. We currently have a full-time **Land Survey Project Manager** position open in our **Glastonbury, CT** office. All levels of experience are encouraged to apply.

The successful candidate must have a minimum of 5 years' experience in management of Land Survey projects. The ideal candidate will be well-versed in all levels of survey operations including, preparation of field crews; land records research; boundary calculations; survey adjustments; and construction layout. Additional management skills may be required, including preparation of proposals; estimating project costs; managing project budgets as well as maintaining client contact. The Project Manager may also be expected to function as a Party Chief in field operations. Knowledge of Robotic Total Stations, RTK GPS and AutoCadd Civil 3D with field-to-finish survey techniques is desirable, along with a willingness to adapt to changing technologies. Candidates must have, at a minimum, an Associate's Degree in a related field of study with 8 years of progressively responsible experience in Land Surveying. Requires excellent client relations with effective communication skills. Land Surveyor licensed in CT or MA (or LSIT) is preferred. Candidates must also possess a valid driver's license with clean driving record.

About this Company - BSC Group is a collaborative practice of planners, engineers, and scientists who are thoughtfully transforming our environments with projects in site development, transportation, and energy. Founded in 1965, the firm offers the services of more than 130 professionals operating from four offices in Massachusetts and Connecticut.

Our consulting staff represents the best talents in planning, engineering, regulatory permitting and ecological science, landscape architecture, land surveying, and spatial information systems. We truly believe our greatest strength lies in our collaborative approach to projects, involving all members of our multidisciplinary staff as necessary, leading to better and more creative solutions throughout the life of the project. We also encourage the involvement of our clients in every step of the process, resulting in high quality planning and design that is technologically and environmentally sound, economically feasible, and aesthetically pleasing.

BSC offers excellent benefits including medical, dental, 401(k), and group life insurance, as well as a competitive salary.

No telephone calls, no recruiters, please.

BSC is proud to be an Affirmative Action/Equal Opportunity employer. Women, Veterans, minorities and persons with disabilities are encouraged to apply.

-
- **Survey Crew Chief** - S.E. Minor & Company, based in Greenwich, CT seeks to hire a full time survey crew chief. Experience with GPS and Total Station data collection required. Requires ability to work independently and with a team. Requires responsible individual who can manage a survey crew, work efficiently and diligently, and perform required calculations for surveys and staking. assist in establishing project budgets, schedules, and meet established deadlines. Minimum 5 years relevant experience; Associate or Bachelor's degree a plus.

Competitive salary commensurate with experience; health and 401k benefits package offered. Candidates should email resumes to: resumes@seminor.com.

Classified Ads

Hartford County

- **Survey Technician/ Draftsman** - Anchor Engineering Services, Inc., a multi-discipline Engineering, Surveying and Environmental firm working on a wide and varied list of projects, is seeking a qualified, motivated Survey Technician / Draftsman. Anchor Engineering Services, Inc. provides land surveying services throughout Connecticut and western MA on a wide variety of projects including, subdivisions, bridges, railroads, utilities, boundary surveys, ALTA surveys and many others. This is a great opportunity for career development: Requirements include: 5+ years exp. GPS, Data collector, total station exp. required, CAD experience required, Microstation experience preferred. Pay commensurate with experience. Benefits including health/dental insurance, 401(k) plan and vacation. Please send resume to: Anchor Engineering Services, Inc., 41 Sequin Drive, Glastonbury, CT 06033. careers@anchorengr.com EEO/AA

-
- **Survey Crew Chief** - Anchor Engineering Services, Inc., a multi-discipline Engineering, Surveying and Environmental firm working on a wide and varied list of projects, is seeking a qualified, motivated Survey Crew Chief. Anchor Engineering Services, Inc. provides land surveying services throughout Connecticut and western MA on a wide variety of projects including, subdivisions, bridges, railroads, utilities, boundary surveys, ALTA surveys and many others. This is a great opportunity for career development: Requirements include: 5+ years exp. Data collector, GPS, total station exp. require, CAD experience helpful. Pay commensurate with experience. Benefits including health/dental insurance, 401(k) plan and vacation. Please send resume to: Anchor Engineering Services, Inc., 41 Sequin Drive, Glastonbury, CT 06033. careers@anchorengr.com EEO/AA

Middlesex County

- **Instrument Person** - AI Engineers, Inc. (AI) is a growing and dynamic 160 + person engineering firm specializing in bridge/highway, civil/site engineering, survey, bridge inspection and bridge rating. Our Middletown headquarters is looking for an experienced survey instrument operator to perform a variety of tasks associated with land surveying. Applicant must be responsible, highly motivated, and a detail oriented individual interested in joining our Land Surveying department. Applicant must be able to work in a team environment as a key member of a survey crew assisting in the performance of boundary, topographic, and construction surveys utilizing the latest equipment and surveying technology. The position has opportunity for advancement for a motivated individual willing to grow with the changing skills and technology required of a Land Surveyor. Please send resumes and cover letters to jfeder@aiengineers.com. AA/EOE
- **Instrument Person** - We currently have an opening for an Instrument Person in our Cromwell, CT office. Practical knowledge of land surveying practices is required. Skills in using total stations, GNSS equipment, robotic instruments and data collectors a plus. Applicants should have the ability to travel for work. A high school diploma or equivalent is required. A minimum of three (3) years of survey experience is preferred. OSHA 40 hour training and OSHA construction certificate a plus. All successful applicants will have back ground checks, will be drug tested and will be subject to random testing throughout the year. The LRC Group is an Affirmative Action/Equal Opportunity Employer.

Classified Ads

Middlesex County continued

- **Party Chief** – We currently have an opening for an Survey Party Chief in our Cromwell, CT office. The Survey Party Chief would be responsible for overseeing a survey field crew on projects ranging from construction stakeout, utility, boundary and topographic survey, right of way surveys. Skills in using total stations, GNSS equipment, robotic instruments and data collectors a requirement. Applicants should have the ability to travel for work. A high school diploma or equivalent is required. OSHA 40 hour training and OSHA construction certificate a plus. The ideal candidate should have 5 or more years of surveying experience in the fields listed above. All successful applicants will have background checks, will be drug tested and will be subject to random testing throughout the year. The LRC Group is an Affirmative Action/Equal Opportunity Employer.

Please send resumes to: contact@lrconsult.com

- **Survey Project Manager** - BL Companies, an ENR Top 500 Architectural, Engineering, Environmental and Land Surveying Consulting Firm has an exciting career opportunity immediately available for a Survey Project Manager to join the firm's growing survey division in its Meriden, Connecticut office. The selected candidate will have at least 8 years' experience and will be responsible for managing the successful delivery of survey projects. The position includes the preparation of proposals, estimating project costs, managing project budgets, resource planning, and client contact. Excellent verbal and written communication skills along with organizational skills are required for this position. Professional license is not required but desirable.

This individual will work closely with BL's Survey Management team and will participate in overall operations of the department. The candidate will also participate in BL's leadership development programs and will have a unique opportunity to make a broad and significant contribution to BL's growth while advancing their leadership skills.

BL Companies offers an excellent benefits package and fosters a growth-oriented work environment. Please send resume to: Human Resources, BL Companies, 355 Research Parkway, Meriden, CT 06450, via fax to 203-630-2615 or e-mail resumes@blcompanies.com. EOE. Visit our website at www.blcompanies.com. An Employee Owned Company.

New London County

- **Crew Chief** - Small, progressive surveying firm located in Preston, CT, is seeking a person experienced in all facets of land surveying. Successful applicant must be proficient in the use of data collectors, robotic total station and GPS equipment. AutoCAD experience required. Final drafting skills are a plus. Excellent, long term career opportunity for someone aspiring to become a PLS.
Mattern & Stefon Land Surveyors, LLC, 148 Route 2, Preston, CT, 860-889-1999
- **Survey Crew** - a progressive Land Survey Company located on the Connecticut Shoreline looking for a highly-motivated person to join our team. The candidate must have experience in AutoCAD and field work. This position is open immediately, salary is dependent on experience. Call the CALS office for more information.



February 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
				1 Groundhogs Day	2	3	4
	5	6	7	8	9	10	11
	12	13	14 Valentine's Day	15	16	17	18
	19	20 President's Day	21	22	23 CALS BOD Meeting CT Laws & Regs. Seminar -	24	25
	26	27	28				



PLEASE SUPPORT YOUR SUSTAINING MEMBERS

**BEARINGSTAR
INSURANCE GROUP**
**Home, Auto & Other Personal
Insurance Needs**

Avon, CT
Evan Cooper - 800-300-4180 x 7806
www.arbella.com/
evan.cooper@bearingstar.com

BERNTSEN INTERNATIONAL
Survey Markers & Monuments

Madison, WI
Tim Klaben - 800-356-7388
www.berntsen.com/
tklaben@berntsen.com

BL FINANCIAL ARCHITECTS

South Windsor, CT
John Carbone - 860-432-1991 x 355
blfinarc.com/jcarbone@blfinarc.com

CADNET SERVICES, LLP
IT Infrastructure & CAD Technology

Manchester, NH
Rick Ladd - 603-296-2376
www.cadnetservices.com
rladd@cadnetservices.com

CARLSON S SOFTWARE
Surveying Software

Jim Carlson - 800-283-0023
www.carlsonsw.com/
jcarlson@carlsonsw.com

DESIGN PRODUCTS, CO.
Engineering Equipment & Supplies

Newington, CT
Tim Lagosh - 860-666-8573
www.designproductscompany.com/
tim@dpccct.com

EASTERN TOPOGRAPHICS
Aerial Photogrammetry Services

Wolfeboro, NH
Wayne Kelloway - 603-569-2400
e-topo/
wkelloway@e-topo.com

FENNER & ESLER AGENCY
**Professional Liability for
Engineers & Surveyors**

Oradell, NJ
Timothy P. Esler - 201-262-1200
www.fenner-esler.com/
tpesler@gmail.com

GEO MAPS INTERNATIONAL
Aerial Photogrammetry Services

Bethpage, NY
William Crawbuck - 516-827-9100
www.geomapsintl.com/
billc@geomapsintl.com

GOLDEN AERIAL SURVEYS
Aerial Photogrammetry Services

Waterbury, CT
Lenny Johnson - 203-426-3322
www.goldenaerialsurveys.com/
lgjohnson@goldenaerialsurveys.com

**KEYSTONE PRECISION
INSTRUMENTS**
Surveying Instruments & Supplies

Eric Bieler - 860-558-5700
www.keypre.com/
ebieler@keypre.com

MAINE TECHNICAL SOURCE
Surveying Instruments & Supplies

Woburn, MA
Mike Gage - 800-322-5003
www.maintechnicalsource.com/
mgage@mainetechnical.com

REYNOLDS STRATEGY GROUP
Counselors at Law

West Hartford, CT
Kevin Reynolds - 860-308-2388
www.rsgllc.com/index.php/
kreynolds@rsgllc.com

SMITH BROTHERS INSURANCE
an affiliate of CAMILLERI & CLARKE

Insurance Center
Glastonbury, CT
Scott Smith - 860-430-3287

SUPERIOR INSTRUMENT
Surveying Instruments & Supplies

A full-line Topcon Dealer
Milldale, CT
David Schor - 888-852-7377
Wwww.superiorinstrument.com/
dschor@superiornetwork.com

TOPCON SOLUTIONS STORE
Surveying Instruments & Supplies

Newington, CT
Paul Morin - 860-388-9008
www.topconsolutions.com
pmorin@topconsolutions.com

WADDELL & REED
Financial Services

Manchester, CT
Matthew Peak - 860-432-8111
Wwww.waddell.com/
peak@wradvisors.com

WPS/PARSONS BRINCKERHOFF
**Multi-disciplinary
Engineering Services**

Charlton, MA
Ted Covill - 508-248-1970
www.wspgroup.com/
Ted.covill@wspgroup.com

USI, INC.
**Laminating, Foam Boards,
3-D Printers**

Madison, CT
Greg Sottile—203-245-8586 x7250
www.usi-laminate.com
gsottile@usi-corp.com



Connecticut Association of Land Surveyors
78 Beaver Road Suite 2-J, Wethersfield, CT 6109
Phone: 860/563/1990 Fax: 860/529/9700
Website: www.ctsurveyors.org
email: kathy@ctsurveyors.org
