

Cleveland Surveying News

JUNE 2004



Gerry McIntyre at the 2003 Golf Outing

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Affiliated with:

GOLF OUTING IS JUNE 25



NEWSLETTER OF THE CLEVELAND CHAPTER OF THE PROFESSIONAL LAND SURVEYORS OF OHIO

Greetings Fellow Surveyors and Associates:

News from the State is that the Continuing Education Bill has passed the Senate and will effectively regulate the annual renewal of our licenses. Although it will be several years before this goes into effect, our Chapter (and the State) should start thinking about how we can help our fellow professionals obtain the credits needed to meet the licensing requirements. Keeping in mind the goal is not to just collect credit hours, but to enhance our knowledge as individuals and as a Professional organization.

Not everyone may be able to obtain their credits by attending the Spring and Fall Conferences due to work schedules or personal commitments. Conferences could look at scheduling to span the weekends rather than be limited to the weekdays. Also with the Cleveland Chapter being one of the larger Chapters in the State, we can look to organize sessions throughout the year to provide additional learning opportunities.

Whether it's learning about new technologies that affect the way we survey, providing a refresher on the principals of boundary surveys or improving the way we do business, Continuing Education is important to our Profession.

I hope you have a chance to take advantage of our Chapter events this summer by participating in the annual PLSO William J. Haas Memorial Golf Outing in June or relaxing at our Chapter Picnic in August. See details for both events elsewhere in this newsletter. Volunteers take note, I'm sure Jack Hoy would appreciate some help organizing the picnic.

Have a great summer!

Sincerely,

Mark A. Yeager, P.S.

2004 Executive Committee

President Mark A. Yeager (440) 365-4730 x330 yeager@ksassoc.com	Chapter Delegate Louise A. Veverka (216) 251-6972 Lvsurvey@aol.com
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Secretary Neil M. Juhnke (216) 348-3857 njuhnke@ameritech.net	Program Jack Hoy (440) 877-1434 jrhyoy4800@aol.com

The **General Membership Meeting** was held on May 6, 2004 at Maria's Roman Room Restaurant in Lakewood.

Officers In Attendance: Mark Yeager, John Hoy, Bob Hoy, Jack Hoy, John Bischof, Sean Boland, Joe O'Donnell, and Neil Juhnke. *Also Attending:* Dave Bruckner, Carl Gula, Colin Fletcher, Barbara Lackovic, Charmaine Snezek, Tom Snezek, Rick Zeigman, Pete Zwick, Kathleen McGervey, Gary Tata, and Ralph Stein.

Guest Speaker: Ralph Stein, Certified Financial Planner, Certified Public Accountant. Ralph Stein gave an informative presentation on investments and various investment strategies.



Highlights: 8 of the 11 surveying students passed the final exam and will have their Certificate at the June meeting.

Bob Hoy looked into the purchase of old survey plats. The decision was made to not purchase the plats. Bob informed the committee about the amount of mortgage surveys that we are storing at the data bank. A decision will be made at the next Executive meeting on what to do with these.

A brick will be purchased for the Museum of Surveying for \$150.00 and will read "PLSO Cleveland Chapter"

Tom Snezek informed the committee that USGS & FEMA want to create new flood maps and have placed Cuyahoga County 25th on a national list. Support will be needed to convince the County Commissioners to provide matching funds to enable the county to participate in the program. Tom will try to get a guest speaker on this topic for a future general meeting.

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by Joe O'Donnell

The Executive Committee meeting was held May 17th, 2004 at the Flat Iron Café in the Flats.

Officers In Attendance: Mark Yeager, Jack Hoy, Joe O'Donnell, and Louise Veverka.

Highlights: There were not enough Executive Committee members present at this meeting to except the secretary minutes and the Treasurer's Report. These will be reviewed at the next Executive meeting.

The Continuing Professional Development (CPD) bill has been passed and will be enforced in 2007. It was suggested that The Cleveland Chapter have one or two day seminars that would help Surveyors get their CPD credits. There will be more discussion on this at the next meeting.

Mark Yeager circulated a letter that was addressed to all the graduating students of Cleveland Chapter Surveying course. The letter stated that the students would be receiving their diplomas at the June 3rd, 2004 General Membership meeting. The PLSO will pick up the costs for the students attending the meeting but if they desired to bring a guest that they will have to pay \$10.00.

FIELD TIPS

By Robert G. Hoy

Traditional: Level Readings

Try to keep rod readings on the lowest section of extendable level rods. By observing level readings on solid section of your rod, you will eliminate possible errors associated with extendable rods. Such errors as not fully extending the next section, extending the wrong section, possible incorrect graduation between the rod sections, and the extended fit of the sections.

Total Station: Mapping the Woods

Mapping in the woods can often be frustrating. The instrument operator often spends several minutes locating the rodman. Having the rodman wear a bright vest, tying flagging around the prism, and even new prisms with blinking lights attached help. I have often been on the rod in the woods when the instrument operator is out in the clearing having to look into the sun to find me - quite nasty. Try setting your backsight angle to a magnetic compass azimuth instead of zero degrees. The rodman takes the compass and when he can see the instrument, then radio that azimuth to the instrument operator. That azimuth must be inverted, e.g. 45° radioed in would be used as 225°. The instrument operator would turn to the inverted azimuth and should be able to sight the rodman in a much shorter time than scanning for the point from which the rodman is yelling.

Robotic: Tall Setups

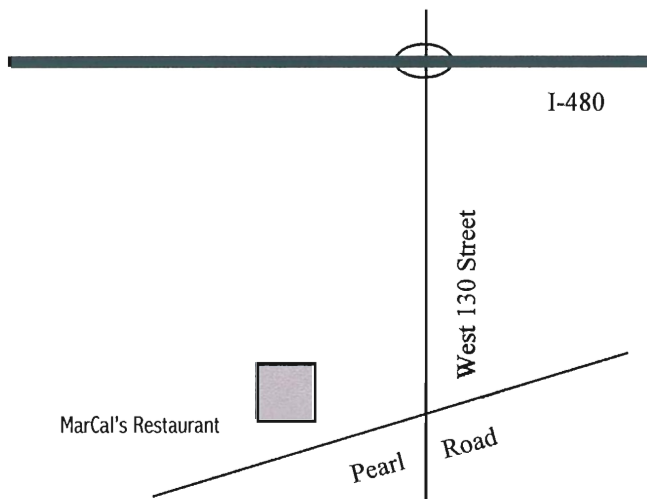
Not needing to sight through the telescope is one of the many advantages of robotic instruments. Tall setups can be quite useful when mapping near close obstructions such as motor vehicles. But how do you level an instrument setup so high you cannot look down on the bullseye bubble on the tribrach without standing on a bundle of stakes? Approach this bubble as you would a vial bubble on traditional total stations. Look at the bullseye bubble from the side of the tribrach which has two leveling screws. Using these two screws center the bubble within the outer edges of the black circle - thinking purely in a one dimensional axis. Move to the side of the instrument to look at the bullseye bubble 90° from the axis you used. Use the other leveling screw this time to move the bubble into the center of the circle in that axis. Compare these two steps to how you level an instrument using a vial bubble, and turn the instrument 90° to level in the other axis. Once you have your instrument centered over your point and roughly leveled with the bullseye bubble, you can fine level it with either the instrument's vial bubble or electronic level depending on your robotic instrument. As a note tripods in length of 12' are available which would involve the need to use a step ladder to even see the side of the bullseye bubble, yet this side leveling technique could still be used.

Cleveland Chapter PLSO GENERAL MEMBERSHIP DINNER MEETING

Thursday June 3, 2004

Location

MarCal's Restaurant
6786 Pearl Road
Middleburg Heights, Ohio



Menu

Choice of:

Sirloin Steak
Chicken Parmesan
Roast Pork Loin
Baked Scrod

Served with: House salad, soup du jour,
bread, coffee, tea & iced tea, soft drinks
and sherbet.

COST: \$20.00

Includes tax & tip

Reservations:

Call John R. Hoy at (440) 877-1434 by Wednesday
June 2, 2004. Please call on time. Thank you.

PROGRAM

Cleveland Chapter
Survey School
Class Graduation

John Bischof, P.S.
Education Trustee

AGENDA

RELAXATION & DINNER	6:00
DINNER	7:00
GRADUATION	8:00
MEETING	8:30

ITEMS FOR DISCUSSION INCLUDE:

Creating a Calibration Baseline
2004 Golf Outing
Summer Picnic & Old Timers Details

THOSE NOT INTERESTED IN JOINING US FOR DINNER ARE ALWAYS WELCOME FOR THE PROGRAM AND MEETING

Protect Yourself. This is a rather interesting way to start a column, but maybe it will draw your attention. Just recently, I ran into this situation.

My firm prepared construction plans and documents for a governmental agency and sent them to the agency to sell the contract. As often happens in governmental projects, there was a long time between our sending the plans and when the contract was actually let.

The contractor signed the contract and hired an out of town surveyor to do his construction layout. I am way too old to become upset over that. What did upset me was the surveyor then called me directly and asked for "a set of digital plans" for his use in the layout. This still did not bother me until I started thinking about it a little bit.

These plans had been away from our office for a considerable length of time and contained several alternates. At this stage, I had no idea of what the contracting agency and the contractor had agreed to. Did they use the base plans? Did they exercise some of the alternates? Had some other changes been made? I did not have an answer to any of these questions.

My suggestion to the surveyor was to go back to the contractor and get the plans the contractor had agreed to. That way both the contractor and the surveyor would be using the exact same set of plans.

I would be willing to turn over a digital set of plans if the contracting agency would give me a letter stating that the plans were exactly as we prepared them. That would protect me not the other surveyor.

Years ago I contracted to do some layout work for a contractor without realizing that the plans he had and the ones I had did not exactly match. This did not come to light until we had something laid out and the contractor called to say that it just did not look right. In checking the plans, we found out that a change had been made and that we had not been notified.

Since then I have been somewhat "gun shy" and have always requested a set of the plans the contractor is using, even if they came from my office. I then spend some time verifying the plans. If I do get an electronic copy, I take the time to verify those also. I guess after being burnt once I am just naturally cautious. It may be a little more time consuming but it is much safer.

I will continue to preach the idea of surveyors minimizing their liability exposure. One of the first things to do to ensure this is to be absolutely certain that what you are doing is not only correct, but is what your client wants and thinks they are getting.

John E. Dailey
Past

2004 Newsletter Advertising rates:

One-sixth page: 3" h. X 3.6" w. \$80.00 yr.
One-half page: 4.5" h. X 7.5" w. \$200.00 yr.
Inserts: 8.5" x 11" both sides \$100.00 each issue
 (accepting only two per issue)
 11" x 17" both sides \$150.00 each issue

Help Wanted or Position Wanted up to 1/2 page:
 \$30.00 per issue

Contact: John G. Hoy, Newsletter Editor
 216-476-3600
 hoy7419@cs.com

Sustaining Chapter Members

Individual members willing to support their newsletter can become a Sustaining Member by making a donation (minimum \$50.00).

Mark A. Yeager, P.S., KS Associates
 John G. Hoy, P.S., John R. Hoy & Associates, Inc.

PROFESSIONAL DEVELOPMENT

The Chapter DATA BANK is located at the offices of Garrett & Associates, Inc. at 2030 West 19th Street in Cleveland. Contact Robert Hoy 440-835-9400 or Richard T. Garrett 216-696-6080 for information concerning the records or to arrange access. When you see Dick Garrett be sure to thank him for his generosity.

- Enclosed in this newsletter are two inserts. The school registration form should be posted at your office where everyone has access to it. The brochure is a draft being distributed for comments from members. Please attend the meeting and/or get your comments to Lou veverka before the July State PLSO meeting.
- This summer's events are the Golf Outing and the Old Timers & Family Picnic. The Golf Outing flyer is on page 9. Many thanks to Colin Fletcher of Leica Geosystems who arranged for the Robotic Total Station as a hole in one prize. If anyone has a suggestions for new hole sponsors please contact myself as soon as possible. The picnic is scheduled for August 5 at Albion Woods in Strongsville. Contact Jack Hoy with any suggestions or to volunteer to help make this a successful event.
- Please take note of the advertisers who have chosen to support our chapter newsletter and thank them by utilizing them for your business needs.

John G. Hoy, Newsletter Editor

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MAY 14, 2004

- 4.1 A vote was made in favor of the Definition of a Professional Surveyor 13 to 3.
- 4.3 The brick inscription at the museum will say "Ohio – First in the Rectangular System".
- 5.1 Motion Passed to welcome new and reinstate old members plus life membership for Glen Young.
- 5.2 OSU's Survey program is in trouble. A new dean is coming on board. Dr. Hazelton is leaving and the program cannot get grant money. It may have to switch from an academic program to a practitioner base program similar to that of Akron or Cincinnati.
- 5.4 Donations were requested to offset the e-bay purchase of a one-of-a-kind "Cleveland Plat", Compass and Staff Circa 1850's. Tim Schram purchased this with his own money for \$1700.00 and wants to donate it to the PLSO but wants to be reimbursed for \$1200.00 of the \$1700.00. No vote was made as of yet.
- 6.2 Core system by ODOT will be up and running in June. CEAO may fund the maintenance.
- 6.3 CPD has passed and will be enforced beginning in 2007.
- 7.11 "So You Want To Be A Surveyor" flyer comments must be into the July meeting of Delegates. They want to publish this in time for school programs in August.
- 7.20 The next Ohio Surveying News deadline is June 1st.
- 7.41 I was asked about the CD development we did for our conference as to why it only had some of the full presentations and not all of them. I explained that some of the instructors did not get their material to us in time to make the CD. Also, some of the instructors did not provide us with material for the CD. Barb Jones needs our final reports by the July meeting.

It was discussed at length that the CPD requirements will begin to drive up the conference attendance starting with the Fall 2006 Conference. We must have a centralized location by then. Some States experienced a 300% increase in attendance with CPD requirements. The State would like the Chapters comments.

WEB LINKS

The following is a compiled list of links from our meeting program last year.

<http://recorder.cuyahogacounty.us/general.cfm>

<http://auditor.cuyahoga.oh.us/auditor/rep/default.asp>

<http://www.lakecountyrecorder.org/recorders/search/index.asp>

<http://www.lakecountyohio.org/auditor>

<http://www.ashtabulacountyauditor.org>

<http://www.co.ashtabula.oh.us/AshCtyWebR53.nsf/Recorder%20Frameset?OpenFrameSet>

<http://onlinedocs.andersonpublishing.com/revisedcode/>

<http://www.medinacountyauditor.org/>

<http://www.loraincounty.com/auditor>

<http://scids.summitoh.net/gpaws2internet>

<http://www.city.cleveland.oh.us/index1.html>

31st ANNUAL PLSO WILLIAM J. HAAS MEMORIAL GOLF TOURNAMENT

JUNE 25, 2004

PLEASANT HILL GOLF COURSE
AQUILLA ROAD
CHARDON, OHIO

27 HOLES OF GOLF & CART
LUNCH & REFRESHMENTS
STEAK DINNER
FREE BAR
HOLE PRIZES – DOOR PRIZES – TROPHIES

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New this year.....
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Address: _____

Dinner Only No. ____ x \$30.00 = _____

Additional Donation = _____

TOTAL AMOUNT ENCLOSED = _____

Phone No.: _____

FOURSOME NAMES

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3496 Colletta Lane
Cleveland, OH. 44111
Home: (216) 671-4902
Work: (216) 348-3846
Fax: (216) 941-2431

Email: tmsnezek@cuyctyengineers.org

Attach a separate list of additional foursomes.

Chairman: Rick Ziegman
Work: (216) 228-6077
Home: (440)734-3624

Preferred Tee Time
(Between 8:00 a.m. & Noon) ____ : ____

**CLEVELAND CHAPTER PLSO
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Calendar

June 3	General Membership Meeting
June 25	Golf Outing
July 9	State Executive Committee Meeting
August 5	Picnic at Albion Woods
August 16	Executive Committee Meeting
August 20	Cleveland Surveying News Deadline

September 2	General Membership Meeting
September 10	State Executive Committee Meeting
September 17	Cleveland Surveying News Deadline
September 20	Executive Committee Meeting
September 30	General Membership Meeting (OCTOBER)

October 7-8	Fall Seminar (Kings Island Resort)
October 8	State Executive Committee Meeting (IF NEEDED)
October 18	Executive Committee Meeting
October 22	Cleveland Surveying News Deadline

November 4	General Membership Meeting
November 12	State Executive Committee Meeting
November 15	Executive Committee Meeting
November 19	Cleveland Surveying News Deadline
December 10	State Executive Committee Meeting (IF NEEDED)
December 7	Executive Committee Meeting (IF NEEDED)

January 14 2005	State Executive Committee Meeting
January 17 2005	Executive Committee Meeting
January 21 2005	Cleveland Surveying News Deadline

February 10-12, 2005	PLSO Annual Conference, Dayton
February 10 2005	State Executive Committee Meeting (IF NEEDED)

This Month's Quote:

"Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful."

Herman Cain