

Cleveland Surveying News

June 2011



- June Dinner Details
- Golf Outing Registration Form
- Historic Navigator of Lake County
- 2011 ALTA/ACSM Survey Standards



Cleveland PLSO

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Recalling the motivation for this chapter's existence and the response we've had to date, our motto should be -

"United we stand, divided we perish."

- William J. Haas, 1974

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Everything seems to be going electronic anymore, including PLSO Cleveland Chapter! We already have an Internet Web presence but have recently added to it. Rob Krause, who has donated his time to maintain the web site, has agreed to donate the web domain www.plso.com to the Cleveland Chapter so that we can manage it directly. On behalf of the Cleveland Chapter of PLSO, I would like to extend our gratitude to Rob for his donation and thank him for the many years of maintaining the web site for our chapter. Prior to receiving www.plso.com, the chapter acquired the rights to www.plso.info and www.plso.net. Soon they will both point to our main page, www.plso.com which will provide access to all things surveying!



Dino Lustri
President

We have additional good news about the database portion of our web site. Before our last meeting, a preview was given of the web database which is not yet accessible. This database effort allows us to host any donated survey records. The searchable databases will allow for quicker access to records that we already have and also for records we may receive in the future. Soon I will be looking forward to telling you that it is live and available for your benefit! Until then, please let me know if you or anyone with surveying knowledge can help with the indexing/scanning of previously donated records.

Dino Lustri, P.E., P.S.
Chapter President

Editor's Notes

This is a good time to mention hyperlinks in our newsletter since we've gained readers over the past few months. Any text that is underlined in this PDF is a hyperlink of some sort. If a name is underlined clicking on it will bring up that person's email address in your default email venue. Other underlined text is either a hyperlink to a website or to another page in this document. And clicking on *Cleveland Surveying News* at the top right of every page conveniently takes you back to the Table of Contents (page 2).

The Cuyahoga County GIS has a special note about internet browsers. Their GIS can only function if a visitor is using Internet Explorer version 8 (or 7) or Firefox version 3.5.x. The thing is, the current version of Internet Explorer is 9 and Firefox is 4.0.x (there was also a 3.6.x version also incompatible). If you have current version browsers, you cannot use their GIS. And it is not possible to have two different versions of Internet Explorer or Firefox installed on your computer. Hopefully Cuyahoga County will get this issue corrected soon.

Constitution Review Committee

A committee has been formed to update our operations and simplify our chapter's constitution and by-laws. If you have any ideas, please pass them along to the committee chair.

Robert Hoy, Chair
Ken Hejduk
Michael Ackerman

Advisers
John Dailey
Jack Hoy

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Education Appreciation Dinner

Thursday June 2nd

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440-886-5050
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Cost: \$22

Come enjoy the June Social and Scholarship Recognition dinner. Share surveying stories and congratulate our scholarship recipient Jake Korngable in the covered and heated beer garden/patio.

Door Prizes to be given away are graciously donated by [Roberts Surveying Supplies](#).

Reservations Required

Scott Casey:
216-299-9555
scott@caseyps.com

Schedule

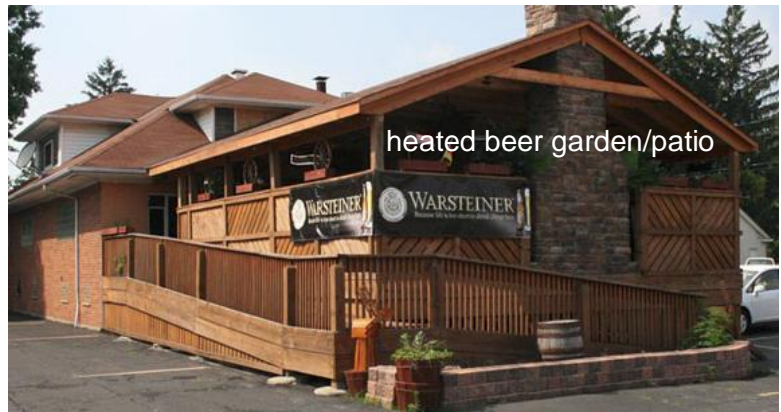
5:30 Social Hour
6:30 Dinner
Followed by Scholarship recognition & Chapter announcements

Chicken Paprikash
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Eggplant Parmesan

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Scott Casey
Program



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This year's recipient of the Cleveland PLSO Scholarship fund is Jake Allen Korngable. The scholarship committee, comprised of Scott Casey, Ken Hejduk, George Hoffman, Bob Hoy and myself, met on May 10th to review this year's applicants. The scholarship committee recommended Jake Korngable to the Executive Committee on May 17th's monthly meeting and approved the motion to award Jake a \$1000 scholarship.

Jake Korngable is a sophomore at the University of Akron and expects to receive his Associates degree in 2012 in the Land Surveying and Mapping Program with his Bachelors degree in 2014. Jake is 19 years old and is originally from Lore City, Ohio. Jake is an active member of the University of Akron PLSO student chapter and is also a member of the University of Akron GPS, which stands for Gathering of Potential Surveyors. Jake has a long term goal of one day becoming a county surveyor of Ohio.



Christopher Tomko
Education

Please consider joining us at our Scholarship appreciation dinner on June 2nd at the Das Schnitzel Haus to congratulate Jake in person. On behalf of the Cleveland Chapter of PLSO, I would like to congratulate Jake Allen Korngable on this important achievement and wish you the very best in your future education at the University of Akron!

Christopher J. Tomko, P.E., P.S.
Cleveland PLSO Education Trustee

From the Chair - reprinted from the PLSO Newsletter Cleveland Chapter, Vol. 3 March 76 No. 3

Several weeks ago a Crew Chief visited my office. This man is not registered, but is sincerely interested in the Surveying Profession. During the course of the conversation, he inquired as to what the PLSO was doing to improve the image of the Profession.

As this man was sitting opposite me, I noticed that his shirt pocket was torn and there was an off color patch on his trousers.

How can any Profession improve its image if its individual members and there help do not project the proper image? All the members, with whom I am acquainted, act in a manner which becomes the Surveying Profession. But, to the public, anyone standing near an instrument is a Surveyor.

I am not suggesting that everyone wear a suit to work, but the appearance of our crews is important. However any improvement of our standing in the community must start with each individual member.

Let us first examine our personal demeanor. Second the image of our firm or organization. Then what steps the PLSO may take in the area of public relations.

This has been written in the hope of starting a controversy. Let me hear your opinions.

Jack E. McFadden, P.S.
Chapter Chairman 1976

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38th Annual WILLIAM J. HAAS MEMORIAL GOLF TOURNAMENT



Cleveland Chapter of PLSO

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Historic Navigator of the Lake County GIS

The Historical Web Viewer application was a natural extension of the Lake County GIS Department's mission to provide historical geographic information. This effort began with the scanning and registration of historical aerial photos from various archives, including 1985, 1973 and 1951. The 1967 and 1932 aerials were incomplete and poorly indexed to support digitization. These data were served up on our main public portal, Lake Navigator.


The next phase of our initiative included old atlases from 1915, 1907 and 1898. These were all carefully scanned and geo-referenced. Optimal geo-referencing such old documents took specialized skills developed in the previous aerial photograph geo-registration effort conducted by Cody Pike of our staff.

Given that Lake Navigator is built on GIS technology from 2000, it was decided to develop a new historical website using the newer ArcGIS Server Flex technology using open source programs. Open source has advantages including no cost, no restrictions, availability of source code, free support and updates. Adobe Flex was chosen as the viewer development software as it is based in Flash which is on 97% of PCs, has an open source Software Development Kit, is the most used Internet Rich Application and comes with sample viewers, lots of widgets (self contained functions) and is fully customizable.

Users are given the ability to apply transparency to any of the layers to allow for referencing the older documents to more recent aerial photography, parcel lines, range lines, lots and tracts, etc.

This effort has expanded to include a focused effort in the Lake County Engineer's Office to organize and develop efficient access to various road records. This project's objective is to develop a system to organize and retrieve all the documents necessary to support a county survey project or to fulfill a request from an independent surveyor for public documents and reduce the amount of time it takes to retrieve

(Cont'd on Page 12)



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38th Annual William J. Haas Memorial Golf Tournament

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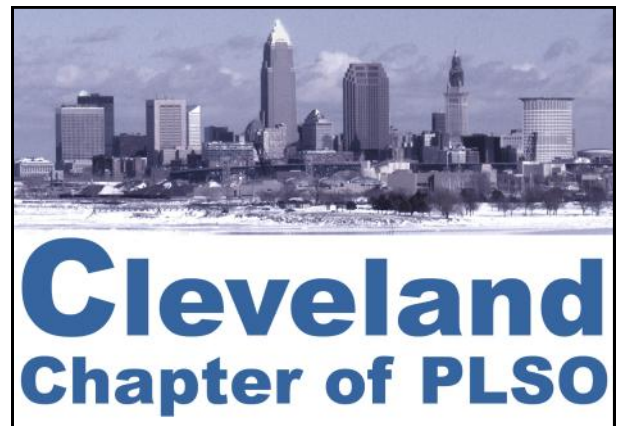
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Meeting Highlights

May 16, 2011

Imaginit Technologies' Office

In attendance: Dino Lustri (via phone), Robert Hoy, John Bischof, Michael Ackerman, Thomas Snezek, Michael Straub, Scott Casey, George Hofmann, and Jack Hoy.

Chapter Delegate:

The interference from the LightSquared project and how it will affect GPS was reviewed. House Bill 32 was introduced to the House.

Communication: Invoices have been sent out to advertisers

Program:

Tom Snezek reported the County Test Lab Facility is still available for seminars. He volunteered to be at the facility so the chapter would not have to pay for a county worker to lock the site after meetings. The State chapter was notified in order to use the room; we would need to provide our own insurance.

Old Business:

Kevin Grigsby gave an overview before the meeting about the new web data base design. He was asked to present another update before our next meeting.

The web site content is now in the Cleveland PLSO Chapter's control. Dino again stressed the need for a long term plan on running the web site and control of its content.



Michael Ackerman
Secretary

Lake County Historic Navigator (cont'd from [Page 9](#))

available survey related documents. County Engineer staff is leading this effort but are working closely with GIS staff to ensure optimal web access to these resources:

Documents & Data (Digital & Indexed, Partially Scanned or Un-indexed, Analog)

Pre-Survey

- GIS Data – Parcel Boundaries, Owner Info, Contour Information
- Existing Surveys
 - Tax Map scanned surveys – archived and new split surveys
 - Private surveys provided to County Engineer's office
- Archived Tax Maps
- Plat Records
- GPS Monumentation
- Road Records / Apperature Cards
- Field Book Research
- Roll and Flat Files
- Bridge Database
- Documents Available Through LAREDO Software (1996 through current)
- Deed Records (A-Z and 1-900) up to 1982 and Official Records (1-1205) up to February 1996
- Easement Research

Post-Survey

- Level Data Sheets (Original and Excel Format)
- Manhole Data Sheets
- Final Field Book File (.FBK) and Raw Data File (.RW5)
- Survey Control Schematic Sheet
- Copy of Final Base Map with TIN

(Cont'd on [Page 13](#))

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Lake County Historic Navigator (cont'd from Page 12)

- Completed Easement Drawings and Documents
- Commissioner's Resolutions

We recognize that the Engineer's Office phase will certainly take time to accomplish; developing an organized work plan will guide the process through to completion. It is envisioned that all these historical documents will be accessed through the Internet, thereby freeing all interested parties from the time consuming manual document location process in use today.

Dick Kotapish, GISP

The Lake County Historic Navigator can be entered through the link on the upper right corner of the page of: www.lakegis.org As Dick mentioned, the Historic Navigator has modern Flash based controls, that allows the user to zoom in and out with the scroll wheel of a computer mouse. (Make sure your browser Flash player is current, visit <http://get.adobe.com/flashplayer/> if it's not).

The Historic Navigator starts with a base image of their 1898 Atlas. One of the main uses of this GIS is historic comparison of image overlays, which involves transmitting a lot of data when panning and zooming so be patient with screen refreshes especially when you have more than one graphic layer turned on. It shares data and layers from the Lake Navigator, the standard GIS of Lake County.

(Cont'd on Page 14)

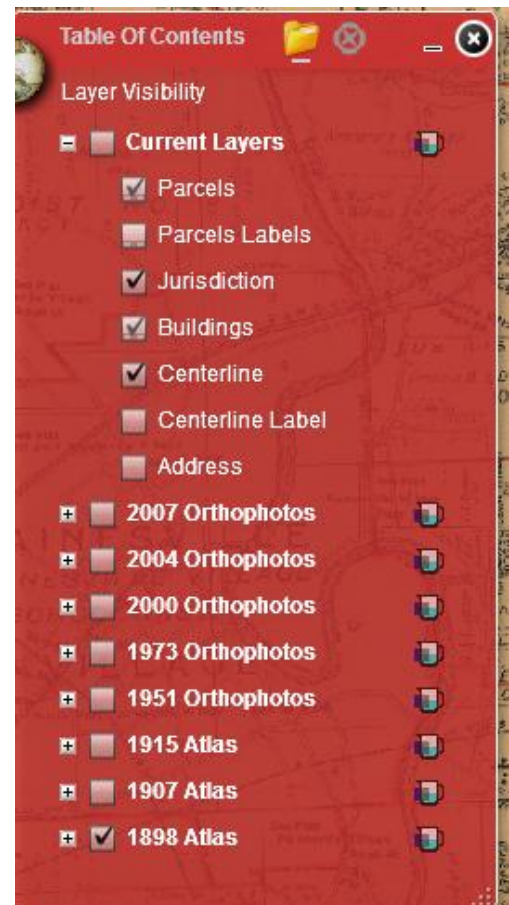
Lake County (cont'd from Page 13) Historic Navigator

Layer Control (Table of Contents) is shown at right. This window can be moved anywhere within your browser and can also be dynamically resized by clicking (hold) the bottom right corner of it and dragging it to the size you desire. A nice feature of a modern Flash system. You can see the orthophotos in this GIS are from the Lake County GIS.

The icon to the right of each layer (looks like a measuring cup with liquid) is layer transparency. This is what really makes the Historic Navigator attractive. By having one of your visible layers with about a 50% transparency, you can see orthophotos overlaid onto the old atlas/taxmaps as shown below. You saw the disclaimer when you entered this GIS that stated how documents are old, hand drawn, and may not line up with current more accurate depictions of improvements. There are roads that have not moved for decades that may not line up well with the scanned maps.



There are other features to this GIS that area at the top of the screen in the middle, shown above, but there are “tool tips” that appears on-screen when your mouse pointer is over the icons that I don’t need to describe them. And the different functions in the “draw and measure” are well setup and even tell the user how to use each function.



This is an excellent source for visual historic property information accessible from your home or office. It allows the visitor to more easily view changes in land use (orthophotos) than a standard GIS because of the great layer transparency option. The Atlases are source of information where waterways possibly were in decades past.

This new GIS works extremely well when the browser is maximized because it’s a modern Flash design. It also works well with Firefox browser version 4.0 which is something that the Cuyahoga County GIS cannot do that you read earlier in this newsletter. Their standard GIS, the Lake Navigator, will eventually be switching to this newer open source Flash based interface. Keep in mind the Historic Navigator is still “Beta” which means it is still being tweaked and is not yet in its final form.

I look forward to the Lake GIS team continuing to improve their GIS, and this shows that getting into the GIS game early benefits your county by the depth of records that can be added over time. A job well done by Mr. Kotapish and his GIS department.

Robert Hoy
CSN Editor

Random Lines

by John Dailey, P.S.

First off, let me apologize for an error in last month's column: In that column which was primarily about Riverside Cemetery and Brooklyn Township, I stated that "James and Mary Fish of Groton, Connecticut, were the first purchasers of land in Range 13, Township 7 in the Connecticut Western Reserve in the wild west territory of Ohio which eventually became Brooklyn Township. They were the first "legal" and permanent settlers west of the Cuyahoga River.... Isaiah Fish was born 1814 making him the first white child born west of the Cuyahoga River in the Western Reserve"

This seems to have upset some inhabitants in Columbia Township (in Lorain County) who pointed out correctly that there was a family of "legal settlers" living in Columbia Township in 1807, possibly making them the first settlers West of the Cuyahoga River.

I probably should have said that the Fish family was the first "legal" settlers in Brooklyn Township, which is in Cuyahoga County. I did not intend to get the Columbia-ites in a snit and I apologize for any discomfort that I may caused them.

Now, on to other matters. Every year, PLSO honors a "Surveyor of the Past" at the Annual Conference. Over the years, several Northeast Ohio surveyors have been honored, most recently William Stinchcomb and Ahaz Merchant. I am searching for information on other surveyors who have practiced in the Cleveland Chapter area. I would like to find information on Elmer B. Wight, Hosea Paul and any other antiquarian surveyor. (Don't be a wise guy and suggest me. I don't qualify. I really did not start with Moses Cleaveland as has been erroneously reported.)

I know that some of you are successors to some of these older companies and may have access to the records of several possible Surveyors of the Past. I am looking for suggestions and background information. Please help me out.

This has been a busy time for PLSO. The PLSO Past Presidents' Council (PPC) met recently to discuss PLSO operations and to develop a "Strategic Plan" for PLSO. We had an all-day meeting with a

Cleveland Surveying News



John Dailey, P.S.

facilitator and tossed around a lot of ideas. The facilitator is putting all these ideas together in some semblance of order so that the PPC can make a suggestion to the State ExCom. The PPC is advisory only. We can only suggest but the ExCom has to decide whether or not to accept these suggestions. A Strategic Plan is a general road map suggesting where the organization should go and how to get there.

On the Chapter level, a committee is reviewing the Chapter Constitution and By-Laws to determine what, if any, changes should be made.

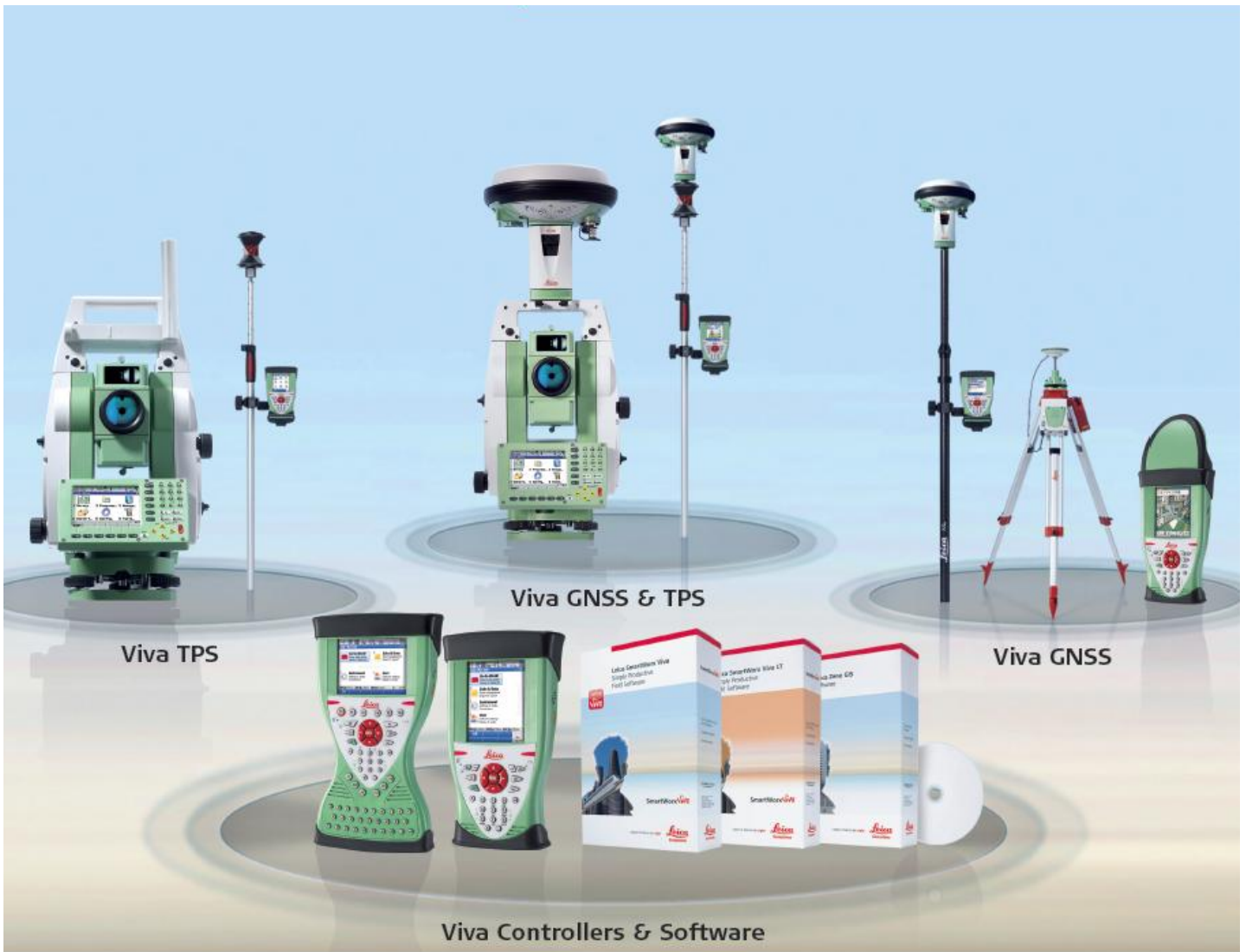
In both these cases, your input would be greatly appreciated. In the former, contact either Jack Hoy or myself with any ideas. Jack and I are the only living Past Presidents from the Cleveland Chapter. For the Chapter Constitution and By-Laws, contact Chair Bob Hoy. As I said, your input would be greatly appreciated.

The Surveyors Historical Society is coming back to Ohio in September at Shawnee State Park near Portsmouth. I will warn you in advance, attendance at one of these "Surveyor's Rendevous" can be addictive. They include a great educational opportunity, some interesting history, a chance to see some really great equipment and they are a lot of fun. The people who attend are really great.

If you dare, contact the Surveyor's Historical Society office in care of Roger Woodfill, 628 Ridge Avenue, Lawrenceburg, Indiana, 47025. Phone is 812-537-2000 and e-mail is shs9@embarqmail.com. Try it, you will like it.

And, in closing, it was nice to see a picture of our own Bob Karoleski of Robert's Surveying Supplies in the May 18, 2011 edition of the "Gazette," a local newspaper covering the South Central part of Cuyahoga County. He is pictured with Parma Mayor Dean DePiero. Looking good, Bob.

John Dailey, P.S., Past
idaileye@sbcglobal.net



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Cleveland Chapter's Delegate Report

Executive Committee Meeting - Friday May 13, 2011, 6:15 P.M.

The report included herein is offered only as informational to the members of the Cleveland Chapter. The reader is deferred to the approved minutes of the P.L.S.O. for any clarifications.

Seven officers and nine delegates, quorum established.

Minutes from the April meeting reviewed and approved.

Treasurer's Report – Accepted subject to Finance Committee review.

Web site – Facebook and Twitter are up and running. Published events are linked to web-site.

Statute of Limitation Issue – No report.

New Members – Motions passed to accept 4 professional, 1 re-instatement, 3 associate, 1 Student and 1 life members.

New Item – Considerations are being discussed to create a "Communication Committee". More to come at future meetings.

Inter-Association Delegates –

- C.E.A.O. – No report.
- O.D.O.T. – No report.
- State Board – Director Gilpin reported state CPD audits are on-going. H.B. 32 discussed, (see Legislation section).
- O.G.R.I.P. – No report.

Committee Reports –

- P.A.C. – No activity.
- Standards – No report.
- State Line – No report.
- Historic Review – Director Gilpin handed out new flyer for the Surveyor's Museum.
- Newsletter – Next deadline; July 1st 2011.

N.S.P.S. Governor's Report –

- Trig*Star a great success and growing.
- CST Coordinator – Not in attendance, a written report submitted.
- Geocaching – Went well. Many Chapters conducted sessions. Next year will be bigger.
- New Item -On-going issue with proposed National phone system was reported on. "Lite-Squared" was tested in New Mexico with little success and a lot of questions to be resolved. P.L.S.O.'s concern is with signal ban overlap and how it might impact our G.P.S. functionality. More to come.

Standing Committees –

- Program – 2012 Annual Conference contract signed for Northpoint in Columbus. 2011 fall conference budget review was conducted. 2013 Annual Conference in Cincinnati committee is meeting and progress is being made on their format.
 - Membership – Discussion on reorganizing the committee, more to come.
 - Inter-professional Affairs – No report.
 - Education – The Central Office reports that the one-day CPD class conducted in April went very well.
 - Legislation – H.B. 32 was introduced on May 4th. Bryan Ellis, John Greenhalge, Melinda Gilpin and Frank Snyder all gave testimony. A technical amendment was added at the last minute which would give the Health Departments authority. The entire House will vote soon. Our efforts will need to be strengthened when this goes to the Senate floor.
 - Finance – No report.
 - Past Presidents Council – Strategic Planning Workshop went well. It was attended by 23 with 19 being Past Presidents. A lot of ideas were discussed. Reports will be rolling out soon.
- A request to go into Executive Secession to discuss a personnel matter was sub- (Cont'd on [Page 18](#))



Thomas Snezek
Delegate

mitted and accepted. Minutes were suspended.

- Scholarship – The committee recommended to award 3 - \$2000 and 3 - \$1000 scholarships. If approved the scholarship balance will be around \$80,000.
- Scholarship Fund Board - 10 applications were received. 6 qualified for \$2000 and 4 for \$1000.
- Fundraising – No report.
- Management Review – Tentatively scheduled for third quarter.

Chapter Delegate's Reports –

- Most chapters submitted written reports which are available on the state web-site.

PLSO Staff Report – Director is continuing to work on up-coming one day CPD events.

President's Report – Don attended ODOT Chapter 11 open-house. He reported that they are locating section corners when they prepare ROW plans. He is considering submitting an abstract the forthcoming conference in San Diego.

Adjournment - 9:20 PM

Respectfully submitted,

Thomas Snezek, Cleveland Chapter Delegate

ALTA/ACSM Land Title Standards Update

Effective February 23, 2011 new 2011 standards are to be used for these surveys. [Click here](#) for the NSPS web page with the new standards. The 2005 standards are now invalid to be certified to.



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Executive Committee Meeting Minutes

April 11, 2011

IMAGINiT, 8001 Sweet Valley Drive, Valley View, Ohio

Meeting called to order at 6:34 p.m.

In attendance: Dino Lustri, Robert Hoy, Michael Ackerman, Michael Straub, Christopher Tomko, Scott Casey, and George Hofmann.

Executive Committee meeting minutes from March accepted as revised.

Treasury:

No report. John informed Dino the bank statements had not arrived in time for the April executive meeting. He did expect to receive \$3000 from the state chapter for the annual conference.

Chapter Delegate:

- George Hofmann read Tom Snezek's report from the April 9, 2011 meeting.
- The statute of limitations bill was tabled by Senator Seitz who has lost his seat as committee chair.
- OGRIP has begun re-flying the four quadrants of the state. One per year will be completed.
- The PLSO proposed amendment to House Bill 32 (the Definition of Surveying) was dropped by Representative Ron Amstutz before sending it to committee. All indications were that the PLSO Definition of Surveying would be added until 48 hours prior to the sponsor testimony on HB 32.

Communication:

- Bob Hoy announced the newsletter deadline will be Monday April 18, 2011.
- No updates on the NSPS Journalism Awards.
- Comments have been received about updating the PLSO logo.

Education:

- Chris Tomko reported one more application for the scholarship has been submitted from the University of Akron.
- Ken Hedjuk, George Hofmann, and Scott Casey have been added as new committee members to choose a scholarship recipient.
- A meeting will be called in order to have recommendations by the May meeting.

Membership: No report

Program:

- Scott Casey announced 18 people attended the April 7 social meeting held at The Harp.
- Have not yet found out if the County Test Lab Facility is still available for seminars.
- The site for the June social meeting will be determined.

Conference Update: No report

Old Business:

- Kevin Grigsby gave an overview before the meeting about the new data base design. Dino stressed the need to have an overall plan on how to maintain the web site and the domain names. Kevin will be at the May meeting around 5:30 to demonstrate the initial web design. When asked about compensation to transfer the current website, Rob Krause replied he was only looking for out of pocket cost. Dino recommended the chapter accept his generosity and add a gift.
- **MOTION PASSED** to approve up to \$200 for added costs to transfer the domain plso.com to the Cleveland Chapter.
- The Mapping/Surveying badges for the Boy Scouts will be tabled until the September meeting.
- The survey education document will be tabled until the next meeting.

(Cont'd on [Page 20](#))



Michael Ackerman
Secretary

- The Constitution Review Committee of Bob Hoy, Mike Ackerman, Ken Hedjuk, Jack Hoy and John Dailey will meet in May.
- The CEAO stated they would not proceed further on the issue of the new county government at this time.
- Scott Casey gave clarification on the difference types of LOMA.

Meeting adjourned at 8:40 p.m.

Respectfully submitted,
Michael Ackerman

Communication Report

This month 21 printed and 29 email copies of the *Cleveland Land Surveyor*, Issue 1, 2011 were distributed. These went to city and county engineers. If you have ideas for ways to promote land surveying and PLSO, please contact me.

Advertisers were sent invoices this month. If you know of potential advertisers, let me know your ideas.

Our PLSO chapter Facebook group has been deleted due to changes in how group pages are organized and displayed. Also Facebook is more a place for family, friends, and companies. Stay tuned for where chapter social networking information may be a part of next.



Robert Hoy
Communication

Cleveland Chapter of PLSO

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unless stated otherwise.

Jun 2 "Education Appreciation" dinner meeting
Jun 24 William J. Haas Memorial Golf Tournament

Jul 7-12 ACSM & ERSI: Survey Summit, San Diego, CA
Jul 8 PLSO Executive Committee meeting

Aug 8 Chapter Executive meeting
Aug 10 Cleveland Surveying News deadline

Sep 1 Seminar meeting
Sep 9 PLSO Executive Committee meeting
Sep 12 Chapter Executive meeting
Sep 15 Cleveland Surveying News deadline
Sep 28 Cleveland Land Surveyor deadline

Oct 13-14 PLSO Fall Seminar, Canton
Oct 13 PLSO Executive Committee meeting

Oct 6 Seminar meeting
Oct 17 Chapter Executive meeting
Oct 19 Cleveland Surveying News deadline
Oct 27 Cleveland Land Surveyor deadline

Nov 3 Seminar meeting
Nov 4 PLSO Executive Committee meeting
Nov 14 Chapter Executive meeting

Dec 5 Chapter Executive meeting (if needed)
Dec 7 Cleveland Surveying News deadline (if needed)
Dec 9 PLSO Executive Committee meeting (if needed)

2012

Jan 13 PLSO Executive Committee meeting
Jan 16 Chapter Executive meeting
Jan 18 Cleveland Surveying News deadline
Jan 26 Annual meeting

Feb 20 Chapter Executive meeting

Note: New Executive Meeting location!
Chapter Executive Meetings are 6 p.m. at

Imaginit Technologies
8001 Sweet Valley Drive, Valleyview

and are open to all Chapter members
who want to attend.