

Cleveland Surveying News

April 2016



43rd ANNUAL BILL HAAS MEMORIAL GOLF OUTING

[Save the Date](#)

Friday June 17, 2016
Springvale Golf Course
North Olmsted



18 Hole — Four Person Scramble

Includes Lunch, Hole Prizes, Cash Prizes for Winners, Steak Dinner with all the trimmings, and a “Putting for the P.A.C.” prize event in the morning.

Registration forms and more info to come soon.

Cleveland Chapter

Professional Land Surveyors of Ohio

PRESIDENT

Louise Veverka, PS
Veverka.ps7513@yahoo.com

PRESIDENT-ELECT

(VACANT)
 YOUR NAME HERE!

TREASURER

Timothy Feller, PS
timf@mcsteen.com

SECRETARY

Mike Kral, SI
secretaryclevelandplso@gmail.com

DELEGATE

George Hofmann, PS
george_hm@ameritech.net

PAST PRESIDENT

Steven Metcalf, PS
sjmincleveland@yahoo.com

Cleveland Surveying News

Volume 15, Issue 1
 Distribution: 410

Editor: (open if interested)
 Publisher: Louise Veverka

Columnists:

John Dailey, PS
Scott Casey, PS
Michael Straub, PS

Cover Photographer:

2015 Advertising Rates

Full page: 9.6"x7.3" \$400 yr
 1/2 page: 4.8"x7.3" \$200 yr
 1/4 page: 4.8"x3.6" \$100 yr

Email the CSN

Cleveland Chapter of PLSO
 P. O. Box 81713
 Cleveland, OH 44181-0713

Features**Meetings**

April 20, 2016 Social Meeting 3

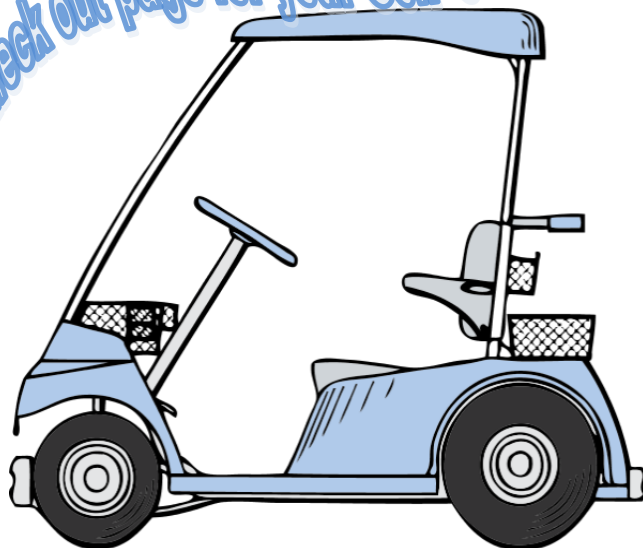
Reports

March Executive Highlights 8
 April Executive Highlights 11

Miscellaneous

www.plso.info 5
 PLSO Spring Workshop 7
Chapter Calendar 12

Check out page for your Golf Outing date

**2015 Advertising Rates**

Full page: 9.6"h x 7.3"w \$400 yr.
 1/2 page: 4.8"h x 7.3"w \$200 yr.
 1/4 page: 4.8"h x 3.6"w \$100 yr.
 Contact: veverka.ps7513@yahoo.com

ADVERTISERS

3	Aerocon Photogrammetry	7	GeoShack
4	City Blueprint of Toledo	9	Precision Laser & Inst.
5	Roberts Surveying Supplies	10	Jake's Stakes
6	Leica Geosystems		

Social Meeting

Wednesday April 20, 2016

Join in for a social event, open discussion of items on your mind.

Moosehead Hoof and Ladder

7989 Columbia Road

Olmsted Falls, Ohio

Order off the menu with separate checks.

Bring colleagues and introduce them to PLSO!
There will be an open discussion on your concerns for PLSO and the surveying profession. Bring your concerns, ideas and lets have a great evening of discussion

Schedule

6:00 Socializing

6:45 Dinner

Followed by: open discussion

**Reservations are not Required
But requested so we have the 20 or
so people we told the restaurant
by noon Tuesday 4/19:**

Contact Mike Kral:

secretaryclevelandplso@gmail.com



Aerocon Photogrammetric Services Inc
Dedicated to providing quality photogrammetric services since 1967

- **Aerial Photography**
- **Digital Orthophotography**
- **Digital Topographic Mapping**
- **Analytical Triangulation**
- **DTM/DEM Surface Generation**
- **LiDAR**
- **Airborne GPS**
- **GIS Services**
- **Volumetric Inventories**

4515 Glenbrook Road
Willoughby, OH 44094-8215
440.946.6277
440.946.2646 Fax
e-mail: skymap@aerocon.com
www.aerocon.com





Sales • Service • Rental • Leasing • Training • Support

Mapping, Scanning and Surveying Solutions

Serving Ohio for over 47 years



Authorized Dealer

3455 Briarfield Blvd – Suite D

Maumee, OH 43537

Tel: 800-548-1503

Fax: 419-243-6418

info@cityblueprintoftoledo.com

www.cityblueprintoftoledo.com

An invaluable tool for Cleveland Chapter members is exclusive access to the Survey Bank containing thousands of surveys in our area. Painstakingly catalogued by member volunteers, this is a searchable database covering Cuyahoga County with overlap into adjoining counties.

Website:

PLSO.info

Free Cleveland Chapter Member login

Contact the Website Committee Chair:
Dino Lustri
dino@dles.co

(Cont'd on Page 7)

HIGH GRADE HARDWOOD SURVEY STAKES

DELIVERY AVAILABLE

- TOPCON DEALER
- SOKKIA DEALER
- FIELD SUPPLIES
- INSTRUMENT SALES, SERVICE & RENTAL
- GPS TECHNOLOGIES
- FIELD EQUIPMENT



ROBERTS

Surveying Supplies

WWW.ROBERTSSURVEYING.COM

5758 Ridge Road Parma, Ohio 44129

Phone (440) 842-2218

Fax (440) 842-0802
(Cont'd on Page 8)

TRADE IN & TRADE UP

NOW THROUGH JUNE 30, 2015

Exchange your out of date robotic motorized instrument (up to 10 years old) and get a complete scanning and surveying package including MS50, data collector, office software, pole, prism, and tripod.

\$55K (\$14,600 savings)



MS50 Features:

- The fastest, most accurate "hybrid" total station available, with robotic surveying/imaging/scanning capabilities.
- With a 1" robot that scans 1000 pts/sec, the MS50 is designed for high precision surveying, yet easy of use to meet your daily needs.
- Enjoy simple workflow and data management without special training. Points, linework, images, and 3d points clouds easily integrate into most major CAD packages.

Terms & Conditions:

- Any Topcon/Trimble/Leica/Spectra Brand Robotic/Motorized Instrument, less than 10 years old and in working condition, will be accepted under this program. Traded-in goods must be received within 30 days.
- Trade-ins are on a one-for-one basis and may not be combined with volume discounts.
- The Trade-in program is only applicable against the purchase of new equipment.
- Other conditions may apply.

**Contact Alex Cherchian
for more info:**



614.264.6722



alex.cherchian@leicaus.com



leica-geosystems.us

- when it has to be **right**

Leica
Geosystems

PLSO Spring CPD Workshop

Friday April 29, 2016

Hilton Garden Inn (Levis Commons) Perrysburg

Topics:

State Board Ethics and the Future of Surveyor Licensure

Perpetuating the Profession

Ground Penetrating Radar and the Surveyor

Grid to Ground and Back Again

Improving Safety and Efficiency in Surveying through UAS-based Measurement

Details and register at
www.plso.com



Solutions Made Simple

Robots • GPS • BIM • Mobile Mapping • Scanning

SALES • SERVICE • SUPPORT • TRAINING



GeoShack is a team of sales and service professionals operating from our 24 retail locations in 9 states and 2 provinces dedicated to serving our customers and providing the best possible solutions.

As the North American industry leader, our team of product specialists will assist you with the latest technology driven productivity tools. **GeoShack** provides expert advice and training on the equipment and software that will make you more productive leading to greater profits for you.

Cleveland

883 Hampshire Rd., Ste. J
Stow, OH 44224
(330) 923-4477

Columbus

5120A Nike Drive
Hilliard, OH 43026
(614) 529-2583

972-918-5300
www.geoshack.com



Executive Committee Meeting Minutes – March 15, 2016 at 6:00 PM

Luna's Restaurant: 6380 York Road, Parma Heights, OH 44130

Meeting called to order at 6:20 p.m.

In attendance: Louise Veverka, George Hofmann, Tim Feller, Michael Kral, Dino Lustri and Tom Snezek

Secretary's minutes:

Executive Committee meeting minutes from January 11, 2016 table until next meeting.

Treasury:

Tim Feller submitted the February 2016 treasury report, report was accepted as provided.

Chapter Delegate:

The state PLSO Minutes and Treasurer's reports both accepted. Fall seminar will be held October 13th & 14th at Stark State College. The State PLSO Executive Meeting for October will be cancelled due to conflict with the fall seminar. The state PLSO fiscal budget will be presented at the September meeting because of the cancelled October meeting. Next year's conferences are February 15-18 at Kalahari Resort, hosted by the Firelands chapter and the fall seminar will be at the Hilton Polaris in Columbus, Ohio. The Ohio Surveying Laws book is going to be republished. Copies of the last publishing are still available. The new ALTA standards have taken effect February 23, 2016. The new standards can be found online. March 20th begins National Surveyors week.

Committees:

Membership Committee:

No new members to report.

Newsletter Committee:

Submit all newsletter items Dino Lustri, he has taken over the responsibility of publishing the Cleveland PLSO newsletter.

Website Committee:

The hosting fee for PLSO.info site is due. Dino is contacting his source to produce an excel spreadsheet to be used for cataloging the scanned survey maps that the chapter has collected. We need to sift through the donated items in George Hofmann's possession to remove the maps for scanning prior to cataloging them. Scanning of the maps needs to be done. A company with the capability and man power to scan maps is needed or the possibility of hiring a company that specializes in scanning may need to be hired.

Education/ Scholarship Committee:

We have several applications in for the scholarship and need to review them for the reward.

Finance:

Finances discussed in treasures report.

Elections:

Louise Veverka has stepped up to take the position of Cleveland Chapter PLSO president. We still need a president elect.

Old Business:

The Cuyahoga County office is still looking for a surveyor to fill the open position.

Meeting Adjourn 7:35



**Precision Laser
& Instrument, Inc.**

www.laserinst.com

Construction • Survey • GIS

Sales • Service • Rentals • Training • Support



NEW!

SP60 GNSS Receiver *Simply Versatile*

See Us at Booth #'s 1 and 2
for the PLSO's 2016 Conference!



The SP60 solution offers superior flexibility for any survey demand, from simple post-processing via standard UHF or unique Long Range Bluetooth base and rover systems, to complex RTK and CenterPoint RTX capable rover solutions.

Combining all-signals-tracking and processing Z-Blade GNSS-centric technology and L-band capability for satellite-delivered CenterPoint RTX service, the SP60 provides supreme measurements and accuracy under any conditions.

Key Features:

- Extended Survey Scalability
- New 240-Channel 6G ASIC
- Z-Blade GNSS-Centric
- CenterPoint RTX Capable Rover
- Internal TRx UHF Radio
- Long Range Bluetooth
- Anti-Theft Protection

Robotic
Total Stations



FOCUS 35

Underground/
Magnetic Locators



DML2000-XR

Mechanical
Total Stations



NPL-322+

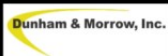
GNSS
Receivers



SP80

Locations:

Ambridge, PA: 724.266.1600
Columbus, OH: 614.759.1000
Cincinnati, OH: 513.539.0022
Akron, OH: 330.633.4900
Charleston, WV: 304.776.1831
Bridgeport, WV: 304.933.3036



Shop Online!
laserinst.com



"We're focused on YOU!"

Executive Committee Meeting Highlights

January 11, 2016



Mike Kral
Secretary

Executive Committee Meeting Minutes – April 12, 2016 at 6:00 PM

Neff and Associates 6405 York Rd, Parma Heights, OH 44130

Meeting called to order at 6:05 p.m.

In attendance: Louise Veverka, George Hofmann, Tim Feller, and Michael Kral,

Secretary's minutes:

Executive Committee meeting minutes from January 11, 2016 and March 15, 2016 both accepted as provided by Michael Kral, PLSO Cleveland Chapter Secretary

Treasury:

Tim Feller PLSO Cleveland Chapter Treasurer submitted the March 2016 treasury report, report was accepted as provided.

Chapter Delegate:

The State Chapter met at EMN&T. The State PLSO office is looking for a new location, preferably one with conference space to hold the state PLSO meetings. The State of Ohio line survey group is looking for volunteers to assist; the date of the survey has yet to be determined. Bob Atkins is working with the CTS program and reports that the Military is requiring the tests to be taken by those involved with surveying. The CTS test is available to be taken at The University of Akron. The 2017 annual PLSO Conference to be held at Kalahari and organized by Rich Frederickson. A motion for the annual PLSO conferences for the years of 2019, 2020 and 2021 to be held in Columbus, because of the central location was passed. The PLSO is pursuing booking the event at The Hilton Easton for all 3 years. FEMA is currently 24 Billion in debt with its future in question; there is talk of possibly giving it to private business with the government overseeing the operation. The Ohio PLSO would like to change the look of its website to be more interactive and similar to KAPS, Kentucky's land surveyor's organization. Mike Besch is looking for Professional Surveyors, for 3 continuing education credit hours to review UA student presentations. The presentations are April 28th from 2:30-5:30 and May 3rd 2:30-5:30; please contact Mr. Besch at besch@uakron.edu or (330)714-2172 if you can sit for either session.

Committees:

Membership Committee:

No new members to report.

Newsletter Committee:

Submit all newsletter items Louise Veverka, she has volunteered to publish the Cleveland PLSO newsletter.

Website Committee:

Nothing new

Education/ Scholarship Committee:

We have several applications in for the scholarship and need to review them for the reward.

Finance:

Finances discussed in treasures report.

Elections:

Louise Veverka has stepped up to take the position of Cleveland Chapter PLSO president. We still need a president elect.

Old Business:

Tom Snezek is working with Avon schools to institute a Trig-Star program there. We need to follow up with Pete Zwick and Trig-Star at St Edwards.

Meeting Adjourn 6:57

Cleveland Chapter 2016 Calendar

Thursday - January 28 – Annual Meeting and installation of officers

February - PLSO State conference in Dayton, Ohio

Friday, March 11 – State PLSO Executive Meeting

Tuesday, March 15 – 6 p.m. Cleveland Chapter Executive Meeting

Friday, April 8 – State PLSO Executive Meeting

Tuesday, April 12 – 6 p.m. Cleveland Chapter Executive Meeting

Wednesday, April 20 – Cleveland Chapter General Meeting & CPD

Friday, May 13 – State PLSO Executive Meeting

Tuesday, May 17 – 6 p.m. Cleveland Chapter Executive Meeting

Friday, July 8 – State PLSO Executive Meeting

Thursday, July 14 – 6 p.m. Cleveland Chapter Education Recognition Meeting

Friday, September 9 – State PLSO Executive Meeting

Tuesday, September 13 – 6 p.m. Cleveland Chapter Executive Meeting

Friday, October 13 – State PLSO Executive Meeting (at the fall conference)

Tuesday, October 18 – 6 p.m. Cleveland Chapter Executive Meeting

Wednesday, October 26 – Cleveland Chapter General Meeting & CPD

Friday, November 11 – State PLSO Executive Meeting

Tuesday, November 15 – 6 p.m. Cleveland Chapter Executive Meeting

Friday, December 9 (tentative) – State PLSO Executive Meeting

Tuesday, December 13 (tentative) – 6 p.m. Cleveland Chapter Executive Meeting

2017

Friday, January 13 – State PLSO Executive Meeting

Tuesday, January 17 – 6 p.m. Cleveland Chapter Executive Meeting

Thursday January 26 – Cleveland Chapter Annual Meeting and installation of officers