

Wisconsin County Surveyors Association, Inc.

Minutes of the WCSA August 6, 2021, BOD Meeting
 Neillsville, WI – Clark County Courthouse



Board of Directors Attending (*virtual)

Ryan Duckart	Brown County	Tom Leslie	Brown County
Bryan Meyer	La Crosse County	Tom Carlson*	Dunn County

WCSA Members/Others Attending

Steve Geiger	Polk County	Jim Lacy	State Cartographers Office
Cody Brommerich	Jackson County	Terry Lueschow	Seiler Instruments
Tim Brueggeman	Jackson County	Catlon Phelps	Barron County
Tony Dallmann	Lincoln County	Dan Pleoger	Sawyer County
Wade Pettit	Clark County	Gary Dechant	Juneau & Monroe Counties
Jason Houle	Leica Geosystems	Jacob Heck*	NGS (Presenter-virtual)
Mick Heberlein*	WDOT	Glen Schaefer*	Retired

President Ryan Duckart called the meeting to order at 10:00 am

Thank you to Wade Pettit for hosting the meeting thru Clark County

Introductions were made from members in attendance (*“What event would you like to do in the Olympics?”*)

Motion was made, seconded and approved to accept the Minutes from the May 7, 2021 Board meeting

Secretary’s Report: Tom Leslie reported on preparing the last Board minutes; emailing updated paid dues list & related paid map to members, including Membership renewal form. He also forwarded several informational emails submitted by members. Worked on getting WCSA website up and running on WSLs website. Nothing else to report at this time

Treasurer’s Report: Tom Carlson stated there are 57 current members as of 8-6-21. He also gave the following report:

Wisconsin County Surveyors Assoc. Inc.

Treasurer’s Report – August 6, 2021

Current Balances (Westconsin Credit Union) Balances as of August 3, 2021

Checking.....	\$4287.20
Savings.....	\$5658.37

Expenditures 2021 since March Report

3011 7/1/2021 Tom Leslie (Secretarial Services – 3rd qtr.) \$700.00

Dues collected for 2021 through August 3, 2021: \$4800.00
44 of 72 Counties are current members (46%)

Motion was made, seconded and approved to accept the Secretary’s and Treasurer’s Reports

Correspondence:

- Mick Heberlein sent several GPS on Benchmarks updates which were forwarded to the membership

- WRPLA annual ASM is in Door County in mid-September. Ryan D & Bryan M, along with Kevin Slottke and Jim Wallen, will take part in a panel discussion for one of the sessions

WLIC Report:

- No report at this time

Education Segment

NGS Updates: New Coordinate Types, Changes to OPUS Projects, and more with Jacob Heck, Regional Geodetic Advisor NOAA/National Geodetic Survey

- New Coordinate Types
 - Specific to the modernized NSRS, five (5) types of coordinates will be supported: Reported, OPUS, Reference Epoch, Survey Epoch and Active
 - Only coordinates computed by NGS and stored in the NSRS database are “part of the NSRS”, including Reference and Survey epochs and Active. OPUS can be “tied to the NSRS”
 - Discussed differences between Passive and Active Control
 - Transitioning off of NAD 83 will create a slight Shift and Drift
 - Discussed the different types of coordinates in more detail:
 - ❖ REPORTED coordinates might be very wrong. These are used to get you “in the neighborhood” but not for use as geodetic control
 - ❖ OPUS coordinates (Survey Epoch, Reference Epoch and Active Epoch) have not been evaluated by NGS and are not considered part of NSRS
- Changes to OPUS Projects
 - NGS products and services all exist in three environments: Development, Beta and Production, with OP 4.0 in Production, OP 5.0 into Beta and OP 6.0 next in Development
 - Discussed the many things that OPUS Projects can do for you as well as what they cannot do for you
- And More
 - Discussed GVX Format (GNSS Vector Exchange Format) including website, xml language, timeline, contents and related flow chart, design for OPUS Projects and GVX
 - PAGES Suite (Program for Adjustment of GPS Ephemerides), an in-house NGS software package and is “under the hood” for most GPS services at NGS
 - M-PAGES = Multi-GNSS PAGES is capable of: ingesting all GNSS observables, frequencies and constellations; ingesting RINEX 2 or 3; using pseudorange and phase and multi-GNSS processing
 - RINIX 3 – the present and future of multi-GNSS
 - Discussed GPS on Bench Marks Deadline (December 31, 2021)
 - Gave four examples of “Use Cases” how today’s work becomes tomorrow’s work: Time-Dependent Control of Flood Mapping, Passive Control for a multi-year Corridor Project, Transitioning Data to Modernized NSRS and Infrastructure Monitoring
 - In Summary, NGS will continue outreach and education about changes to come, coordinate with users on product/tool testing and provide technical assistance to partners
 - Jacob’s PowerPoint is available on the WCSA website

Old Business

1) Status of County Surveyor Offices

- As of today, there are 36 Full-time and 28 Part-Time County Surveyors, and 11 counties with none
- Catlon Phelps has been hired by Barron County as County Surveyor – CONGRATULATIONS!

2) WCSA Presenter(s) at 2022 WSLI Institute

- Laurence Johns will likely discuss more about PLSS issues while Joe Nelson will discuss more about what goes on in a County Surveyor's day
- WSLs Institute will be held from Jan. 25-28, 2022 in Wisconsin Dells

3) PLSS Workgroup Update

- Group met on July 14, 2021 via conference call
- Agreed that PLSS Forum 2022 should be held in same location (Marinette) in April 2022. Checking to see if venue is still available
- A Tomah elementary school has a government corner within its buildings and could be used as an educational/outreach event. Bryan M will contact and get things rolling
- Bryan M will be speaking on the importance of PLSS at the upcoming WCA meeting in September.

4) WCSA Website

- WCSA website will be up and running soon. Perhaps we can get a more prominent spot on the WSLs website so we are easily noticed and accessible
- Appears there will be no cost to WCSA to tag along with the WSLs website
- Joe Tew has again offered his help and support with setting up the WCSA website

5) GPS on Benchmark

- Latest update was discussed and info has been sent out via email to the membership
- Submit anytime before December 31, 2021 – time is running out so get going!!
- Contact Mick Heberlein with any questions or concerns

New Business

1) Old Survey Records

- Discussed several instances where someone received an old (passed) surveyor's records from the family. We will take 'em if they are offered! It all depends on what the family wants to do with all those old records, notes and surveys. Most in attendance agreed that those records should go to the local County Surveyor who can then get them indexed and out to the public if so desired

Adjournment: A motion was made, seconded and approved to adjourn at 12:22pm

***** Next Meeting is Friday, November 12, 2021 in the River Block Building in Wisconsin Rapids, WI *****