

**MINTUES OF A PUBLIC MEETING OF THE ARIZONA
GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE - State Plane Coordinate Systems 2022 Workgroup**

Pursuant to A.R.S. §38-431.02, notice is hereby given to the members of the Arizona Geographic Information Council and to the public that the Arizona Geographic Information Council will hold a meeting open to the public.

Meeting Time:

Wednesday, February 28, at 9:00 am – 10:00 am (MST)

Meeting Location: Google Meets

Web and Tele-Conference Information:

Google Meet joining info

Video call link: <https://meet.google.com/sth-aakf-orx>

Or dial: (US) +1 513-781-9544 PIN: 856 010 394#

More phone numbers: <https://tel.meet/sth-aakf-orx?pin=5496837014212>

Table 1: Committee Voting Members

Member Agency/Company

Brian Fisher, Co-chair AZ Geodetic Coordinator

Jack Avis, Co-Chair APLS

Mike Fondren RLF Consulting

Nathan Gardner Wilson & Co

Kent Groh Santec Consulting

Jenna Leveille AZ State Land Department

Patrick McGarrity Retired

Aaron Michalenko DBE Surveying

Dave Minton Maricopa County Assessor's Office Skip Pomeroy

Self

Antonio Wickliff Central Arizona Project

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Items on the agenda may be heard out of order. The Committee may discuss and act on the following items. The agenda of the meeting is as follows:

This meeting was recorded. The recording may be reviewed [here](#).

9:00 am Call to Order and Introductions; establish a quorum

Call to Order at 9:03AM; Attendees: Tony Wickliff, Brian Fisher, David Minton, Doug Schneider, Keith Kohl, Michael Dennis, Mike Fondren, Nate Gardner, Pat McGarrity, Sam Kitchen, Sarah Burgi, Skip Pomeroy, Troy Wiora, Virgil Coxon, Brian Dalager, Aaron Michalenko, Jenna Leveille

Approval of the January 2024 Meeting Minutes

Brian Fisher motioned to approve the January meeting minutes as written and distributed prior to the meeting, Virgil Coxon seconded. Motioned passed unanimously.

9:10 Update on current state of the SPCS2022 activities (Brian Fisher)

- Review of preliminary data as posted on the NGS website:
<https://alpha.ngs.noaa.gov/SPCS/index.shtml> Participants have reviewed this and had no questions for discussion
- Review of the Excel file emailed from Michael Dennis (Arizona_SPCS2022_2023-07-05.xlsx) Excel spreadsheet was provided to participants prior to the meeting. Brian shared he screen and provided instructions on how to read/interpret the file. Brian also prepared a pdf sent to participants prior to the meeting. He reviewed how to read/interrupt this document (min/max coordinate in each box).
- Review of the calculation graphic from Brian Fisher (AZ-SPCS2022_ZoneBoxReview_20240227-BSF.pdf)
 - CAP to have easting of about 21,000,000'
 - 33°41'58.15"N 112°04'15.37"W
 - This is the CAP Phoenix HQ campus
 - Similar exercise to PHXQ to shift the zone to a more intuitive middle of the zone (pump plant).
 - COLO to have northing of greater than 16,000,000'
 - 34°18'11.69"N 114°08'17.82"W
 - This is the county line at the Colorado & Bill Williams rivers
 - Similar exercise to PHXQ; sifting to have confluence as the center; helps for referencing county lines.
 - PHXQ to have easting of greater than 24,000,000'
 - 33°33'57.67"N 113°20'00.00"W
 - This is the county line at I-10
 - Q means quartzite – zone spans two counties, lat/long above is generally determined to be in the center extent of the zone. Recommendation to have the longitude be close to the county line; meant to be a convenience for surveyors. Zone shifted to the east; documented as a green line on the pdf.
 - COCH to be centered in the “box” (move south ~ 200,000') – zone was substituted in; previous designs were created previously and were used for the final zones; flagged because it was close to the edge of the bounding

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box; no changes were made to avoid a negative northing.

- GC1, GC2, GC3, GC4
 - Set each zone to be in its approximate same box location as the data on GC zone
 - Original overall zone is higher than the 20 ppm, but the individual zones are small (10-20ppm); shifted for unique solutions
- Floor open for additional discussion and/or comments; Virgil commented – appreciation for Brian’s work on this; Will there be an opportunity to change anything in the future? Michael Dennis shared that the intent is to finalize the designs so they can be released and integrated into software. There will be mechanism in the future to submit requests for changes. Virgil clarified he was interested in understanding future state and potential needs for changes. Brian commented that these designs will be functional for 95% of use cases. Michael commented and stressed that approval would include all parts of the submission (names, zones, parameters, etc).
- Vote to approve the “preliminary” design to be “final” with the above comments (and additions, if discussed and approved)

Mike Fondren motioned to approved, Nate Gardner seconded. No additional discussion. Motion approved unanimously. Michael will send out the final parameters to the group in the near future.

9:30 am Discussion on next steps for updating the statutes

No major update from the January meeting; this topic was discussed at length during that meeting. Jenna shared that the AGIC Council approved a letter of support for the proposed Title 33 changes. ADOT’s letter is pending.

9:55 am Information or Topics for Future Meetings

Next meeting will be 90 days out – APLS geospatial committee will be invited to an AGIC SPCS2022 WG meeting to discuss updates.

10:00 am Adjourn 9:42am

A copy of the agenda background material provided to working group members is available for public inspection at the Arizona Geographic Information Council's office at 1110 West Washington Street, Phoenix, AZ 85007.

The Arizona Geographic Information Council does not discriminate on the basis of disability in the provision of its programs, services, and activities. Persons with disabilities who require accommodations for effective communication and participation in the meeting may request a reasonable accommodation by contacting the ADA Coordinator at (602) 542-2629. Requests should be made as early as possible to arrange the accommodation

Members of the Committee will attend either in person or by telephone conference

call. Questions regarding the meeting may be referred to Jenna Leveille at

602-364-3747.

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This agenda will be posted at Arizona State Land Department, [AGIC website calendar](#), 1110 W Washington St, Phoenix, AZ 85007 by Jenna Leveille on 24 hours prior to meeting.