

**MINUTES OF MEETING OF THE ARIZONA
GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE – AZCORS WORKGROUP**

A public meeting of the Arizona Geographic Information Council was convened **March 22, 2022**, at **2:00 PM** on Webex. Present at the meeting were the following members or designees of the AGIC **Data Committee – AZCORS WORKGROUP**:

Table 1: Committee Voting Members

Member	Agency/Company	In Attendance
Jenna Leveille, Interim Chair	AZ State Land Department	Yes, phone
Jack Avis	Pima County	Yes, phone
Brian Fisher	AZ Geodetic Coordinator	Yes, phone
Antonio Wickliff	Central Arizona Project	Yes, phone

Table 2: Public At-Large

Name	Agency/Company	In Attendance
Lynda Bell	NOAA – NGS	Yes, phone
Brian Conway	ADWR	Yes, phone
Virgil Coxon	ADOT	Yes, phone
Michael Dennis	NOAA – NGS	Yes, phone
Sage Donaldson	ADOT	Yes, phone
John Galetzka	NOAA – NGS	Yes, phone
Mike Fondren	RLF Consulting	Yes, phone
Larry Fox	Bad Elf	Yes, phone
Nathan Gardner		Yes, phone
Tom Gettings	Wood & Patel	Yes, phone
Tom Homan	Gila County	Yes, phone
Cory Homuth	AZ State Land Department	Yes, phone
James Meyer	ADOT	Yes, phone
Phil Ponce	EMS	Yes, phone
Stephanie Sherwood	True North Mapping	Yes, phone
Bill Stull	Branco Machinery	Yes, phone
Gene Trobia		Yes, phone
Brandon Van Horn	Yavapai County	Yes, phone
Steve Whitney	Pima County	Yes, phone

- I. **Call to order:** Meeting was called to order at **2:01 pm**; Introductions were made by Jenna; this being the first meeting, few committee voting members have not yet been established.

- II. **Announcements:**
 - John Galetzka (NOAA/NGS) talked about the upcoming NGS CORS Desert Hills Braced Monument Workshop – March 23 & 24th (7a – 12p)

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- III. **Housekeeping:** Jenna talked about open meeting laws and the need for a quorum, also asking for voting members, committee chairs, and input on meeting frequency (quarterly meetings were proposed). Virgil Coxon (ADOT) and Brian Fisher (AZ NGS Coordinator) volunteered to be co-chairs, and it will be on agenda to be voted on for the next meeting.
- IV. **AZ CORS background and current status:** Former State Cartographer Gene Trobia and Virgil Coxon (ADOT) talked about the history of AZCORS. Gene's involvement started in 2006 with the Arizona Height Modernization program, which started with earmarked funding and relies on site partners to maintain the stations. In 2010 it moved to grant funding, and in 2013 ADOT took over. The servers for the AZCORS system currently reside at ADOA. Some locations don't have land lines, so cradle points are used (requiring cellular service). Some of the expenses involved with the AZCORS system were discussed (\$40,000/yr for Lyca servers, \$1,500/mth ADOA servers, \$300/mth cellular service, \$30,000-40,000 per receiver to purchase for new stations) There are no leasing costs for the stations because they are all located on government buildings, ADOT Yards, etc.
- V. **NGS CORS:** John Galetzka (NOAA/NGS) & Lynda Bell (NOAA/NGS) discussed the NGS CORS network, focusing on growing the network, improving the network, and recycling the network. They talked about the potential of using a subscription model to defray the costs of running the network. They mentioned that there are 1900 stations in the NOAA CORS network and that they are mostly crowdsourced (not owned by NGS), but John would like to see the number of stations increase to 25,000. He also proposed a 3-tier system of CORS stations (1-Foundation CORS (the best, stable, federally owned), 2-Definitional CORS (like AZCORS, well built, well maintained and operated), 3-Community CORS (not as precise or as well maintained)).
- VI. **Workgroup Goals Discussion:** The goals that were discussed are the need to identify use cases, and funding issues such as, where to find the money to fund the AZCORS system. It was mentioned that North Carolina DOT has a good system and we could potentially get ideas from them or other states.
- VII. **Next Steps:** Get committee chairs established. Create a questionnaire to poll the community for use cases. The PIMA CORS station is down, work on getting all 6 downed stations operating again and getting updated contacts for the station stewards. It was suggested that the next meeting be in 30 days.
- VIII. **Information or Topics for Future Meetings:**
- a. NGS suggestions for Arizona.
 - b. Funding ideas/solutions (NCDOT)
- IX. **Adjourn:** Meeting adjourned at **3:29pm**.