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

A public meeting of the Arizona Geographic Information Council was convened **October 18, 2022**, at **3:00 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
Virgil Coxon, Co-chair	ADOT	Yes, phone
Brian Fisher, Co-chair	AZ Geodetic Coordinator	Yes, phone
Jack Avis	APLS	No, without notice
Lynda Bell	National Geodetic Survey	Yes, phone
Tom Lute	City of Mesa	Yes, phone
Pat McGarrity	EPS Group	Yes, phone
Brandon Van Horn	Yavapai County	Yes, phone
Antonio Wickliff	Central Arizona Project	Yes, phone
Jenna Leveille	AZ State Land Department	Yes, phone

Table 2: Public At-Large

Name	Agency/Company	In Attendance
Bill Stull	Branco Machinery	Yes, phone
Brian Conway	ADWR	Yes, phone
Larry Fox	Bad Elf	Yes, phone
Phil Ponce	EMS	Yes, phone
Tom Homan	Gila County	Yes, phone
Cory Homuth	AZ State Land Department	Yes, phone
Sage Donaldson	ADOT	Yes, phone
Sean Lahann	CAP	Yes, phone
Ben Turner	AZ G&T Coop	Yes, phone

I. **Call to Order:** Meeting was called to order at **3:03 pm.**

II. **Approval of April Meeting Minutes:** April meeting minutes were distributed prior to the meeting via email. Virgil Coxon motioned to approve, and Brian Fisher seconded the motion. Motion passed unanimously without discussion.

III. **Review of AZCORS Use Case Survey Responses:** Brian reviewed the responses of the use case survey. Here are the highlights:

Where is the work? Concentrated in "metro" areas, but activity all over.

Would you pay? Majority is yes, but system needs to be reliable and complete.

How do you use? RTK, Statis PP, OPUS (& blue booking)

What in the future? Network/VRS possibly. Reliability & up time.

How to Support? Partner stations but need reliability.

Additional? We need to help ADOT run the AZ-CORS.

IV.   **AZCORS Activity Discussion:** Brian led a discussion about AZCORS activity since the last meeting. A network outage was noted, then a discussion about solutions to outages. Lynda Bell mentioned that https://geodesy.noaa.gov/CORS_Map/ is a good place to check the health and availability of the CORS stations in real time.

V.   **Open Discussion: Goals & Next Steps:** Brian talked about next steps, including the following: Fix existing stations, add station, NSF funded station plan, add services (VRS, more static options). Next, Brian talked about developing best practices and how CORS is incorporated in that process, including showing examples of different types of CORS stations. Then there was a discussion about recording interval frequency and data storage and retention.

VI.   **Meeting Schedule:** Next meeting sometime in Q1 2023.

VII.   **Information or Topics for Future Meetings:** Below is a link to the google drive with the presentation from today, the memo from last April and a few other working documents we've had from earlier. **Brian will update the April 2022 memo for everyone and include**:

The input from the AZ CORS questionnaire

Looking at a real time map to review the network

Address the static data products from AZ CORS (30s and 5s data at the NGS level, plus 1s & 2 - 20 HZ data rates at the local or state level for 30 - 90 days)

Cloud storage or hosting of the network and the data

Start the funding discussion for both AZ-CORS and a takeover plan for NSF funded UNAVCO stations

https://drive.google.com/drive/folders/1byIBRbQK6t_26zVzD1CYTYuvti6FVajY?usp=sharing

VIII.   **Adjourn:** Meeting adjourned at **3:59 pm**.