MINUTES OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
9-1-1 COMMITTEE

A Public meeting of the Arizona Geographic Information Council (AGIC) was convened on Thursday, April 7 at 10am WebEx only due to COVID-19 health precautions. Present at the meeting were the following members or designees of the AGIC 9-1-1 Committee

Table 1: Committee Voting Members (16)

Member	Agency/Company	In Attendance
Eric Shreve, Co-chair	State 911 Office - ADOA	Yes, phone
Brian Bond, Co-chair	Yavapai County	Yes, phone
Bo Guo	GisTic	Yes, phone
Greg Denton	State 911 Office - ADOA	Yes, phone
Howard Ward	TerraSystems Southwest, Inc	Yes, phone
Jenna Leveille	State Land	Yes, phone
John Ehlen	GisTic	Yes, phone
Leslie Stovall	Gila River Indian Community	Yes, phone
Laura Herrera	Pinal County	Yes, phone
Sandy Dyre	Michael Baker	Yes, phone
Sarah Hess	Pinal County	Yes, phone
Steven Engle	Mohave County	Yes, phone
Steven Whitney	Pima County	Yes, phone
Tom Homan	Gila County	Yes, phone
Alex Sukupcak	Yavapai County GIS Department	No,
Brooke Serpa	Yavapai County GIS Department	Yes, phone

Table 2: Public at Large

Name	Agency/Company	In Attendance
Aaron Seifert	Guardian Medical Transport	Yes
Brandon Barnett	AZ State Land Department	Yes
Margo Neff	Coconino County	Yes
Shawna English	Graham County	Yes
Keira Nielson	Arizona Department of Public Safety	Yes
Larry Prentice	Prescott Valley	Yes
Thara Salamone	AZ Dept of Economic Opportunity	Yes
Morgana Laurie	AZDEMA	Yes

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Justin Smothers	Bullhead City	Yes
Ellie Dellard	Yavapai County	Yes
Nicole Eiden	ADHS	Yes
Sage Donaldson	ADOT	Yes
Toni Ketchum	Yavapai County	Yes
Teresa Villescaz	Gila River Indian Community	Yes

The Committee discussed and acted on the following items.

I. Call to Order and Introductions:

Meeting was called to order at 10:05 AM. Introductions were made, and quorum was established.

II. Approval of Meeting Minutes from July 22, 2021

Approval was motioned by Eric Shreve and seconded by Jenna Leveille. No additional discussion on meeting minutes.

III. Emergency Management Statewide Polygon Status (Morgana Laurie)

Access to the StoryMap used for Statewide Polygon Status Can be found at:
https://storymaps.arcgis.com/stories/49ca59eb65114af4b3ab9583ba4e1df5

A statewide evacuations dataset is being created by AZDEMA, including strong connections with 9-1-1. Starting with the Ready, Set, Go! messaging campaign, all counties in the state participate to show the public population, using local jurisdictions, where the evacuation routes and areas are located. An example to support the importance of this project is drawn from a campfire that took over Paradise, California. The lack of a mass communication system, as well as a pre-drawn evacuation plan, lead for the city to be taken over in a matter of about two hours. With this example, and many more, Morgana stresses the reality of how implementation of best practices can save lives in light of a disaster.

Evacuation zones being sketched out on the fly, rather than pre-drawn, delays the evacuation notices that could be sent out, which is what AZDEMA is trying to prevent. Working with the California

Governor's Office of Emergency Services to try and build a best practice for Arizona has allowed adoption of a workflow that allows entry of any geospatial file to be represented. The local jurisdictions working to provide evacuation areas and even routes to share, ideally drawn before an incident takes place.

The workflow used in the project for Arizona includes 3 parts:
1. Local jurisdictions provide their data
2. The data is run through FME Workbench
3. The output is published as a statewide evacuation layer

AZGeo is the collaboration space for these datasets, allowing for multiple counties to collaborate within this shared workspace to help develop the schema. The collaboration efforts can be facilitated through email, posted on the AZGeo Group.

IV. <u>Arizona Department of Health Service | Certificates of Necessity Project (Nikki Eiden)</u>

ADHS is working towards standardizing the data used within the service area boundaries in order to streamline the process when amending or adding data from different service providers. With a CON specifically, this can allow for ease of drawing the declared boundary, as well as being able to map that boundary prior to approval in order to approach any discrepancies and avoid inaccurate boundaries that would have to wait for an amendment if it was already approved.

Reviewing existing CON boundaries are included in the project to confirm the accuracy of boundaries as well as making the data more user friendly.

An overhead goal would include communication between different agencies to create a standard with the datasets included within these boundaries to more accurately depict them using submitted legal documents.

A proposal to meet with the Data Committee was proposed to help facilitate this.

An opportunity for identifying discrepancies between boundaries given by companies to agencies was

acknowledged.

AZ DOHS Ground Ambulance Program
https://www.azdhs.gov/preparedness/emergency-medical-services-trauma-system/index.php#ambulance-ground-program-con

State-wide Certificate of Necessity data
https://services1.arcgis.com/mpVYz37anSdrK4d8/arcgis/rest/services/CONs/FeatureServer

V. Arizona 911 Office Update
    A. 1Spatial Project Update and Timeline

    In the final phases of full production with the 1Spatial solution, with the exception of some tools that need refinement.
    The workflow has been updated and uploaded on the hub page for data movement into the 9-1-1 environment. The approach within the workflow includes automation opposed to a manual upload, in order to streamline the process for data validation.

    B. NG911 | NextGen Core Service Update
        1. Direction and guidance from the State Office about authoritative boundaries

        This is an active process with concerns that have already been addressed and is being navigated.

        2. Timeline for NG911 transition and expectations from the State 911 Office

        The timeline for NG911 can be referenced at:
        https://az911.gov/next-gen-core-services-ngcs

    C. NENA NG9-1-1 GIS Data Model Version 2
    D. NENA NG9-1-1 Civic Location Data Exchange Format (CLDXF) Standard – 2nd Public Review
    E. NENA Requirements for 3D GIS for E9-1-1 and NG9-1-1 Public Review
    F. Google Group Implementation

**The google group created specifically for
the 911 GIS Program includes documents
that display the workflows, documentation,
and other related media that can be utilized
within this effort.**

VI. <u>Refresh local training concepts</u>
        A. Capturing requirements for NG9-1-1 GIS workflows.
        B. Workflow diagram [ADOT-ADOA-ASLD Process Flow Chart revised].
        C. Review <u>Jam Board</u> from the July 2021 AGIC 911 Q3 Meeting
        D. Yavapai County NG911 Utility Overview

**The requirements for capturing data is in open discussion, as it is
recognized that data requirements are the next step after figuring out
what types of data can be hosted and collected. As it stands, there
are flowchart diagrams on the 9-1-1 hub page on AGIC's data hub
that express the overall standard when it comes to both single and
multi-layer data validations in multiple data types. The floor is open
for questions or discussion on the matter, to which no attendees had
anything to add.**

**The updated diagram that gives a visual idea of the workflow within
the ADOT, ADOA, or ASLD environments was showcased to stress
the accessibility of the data once it's undergone the validation,
report, and schematic changes from the 'requirements' workflow
before being uploaded to the secure data repository on AZGeo. The
stress on the data integrity here is that it is meeting the level of
conformance to aggregate the overall change detection prior to the
upload on the data hub. This ensures all data, prior to sharing to
ADOT, ADOA, or ASLD is uniform.**

**The Jam Board from the July Q3 meeting was shared with the intent
of collaboration between attendees at the meeting, but can also be
accessed from the link above for reference. The board encompasses
the processes of data request, creation, and collection, where a base
data requirement is shown to include IDs, data records of transfers,
guides on polygon creation and utilization, and uploading the data
and metadata. No further discussion on it.**

**The Yavapai NG911 Utility Overview included the 2021 workplan that
Yavapai county had followed for data collection and creation, not
including the data validation process, as a precursor for what is
expected to be for NG911 data from other agencies. It allows for the
centralization, standardization, organization, processing, and quality**

control of the NG9-1-1 street fields for use in address and street centerline GIS data, and utilizes inter-agency collaboration through data sharing and application to achieve high accuracy, NENA compliant emergency routing data.

VII. <u>NENA Data – time to get serious about this</u>
   A. Attribute Values to meet NENA requirements
      1. NENA Global ID (NGUID) – prefix suggestive of the layer +9-1-1 Authority-generated "locally assigned ID" + Domain Name System (DNS) registrar.
         1. Discuss what is the suggestive layer prefix
         2. Discuss locally assigned ID if using a global ID
      2. Agency ID – public DNS is acceptable so long as each distinct agency uses a different domain name
      3. Service URI – The URI is usually a Session Initiation Protocol (E.g. SIP or SIPs) URI but MAY be a telephone number URI that defines the routes to reach the service.
      4. Service URN – Values to be used for emergency service boundaries for other responding agencies are found in NENA Registry System - um:nena:service:responder registry.
      5. Are there other NENA fields that are unclear for you? Bring them up now or let's discuss the values Google Group
   B. PSAP & ESB document guide
   C. GIS Schema & Attribute Checks 1Spatial 1Data Gateway tools
   D. 2022 Notice of Funding (NOFA) – Second Reminder
      Annual GIS Telephone Number Accuracy Report

The Attribute values that would meet data requirements for NENA, including NGUID, Agency ID, Service URI, and Service URN were discussed at a high level, including the suggested prefixes and approved values for each field. Discussion was opened for the suggestive layer prefix for NENA ID, with the current suggestion being locally assigned ID and the DNS registrar paired for this field. Discussion seems to end agreeable with this suggestion. The Google group listed above was shared for collaborative opinions within the group, but no comments on the current data requirements changed these suggestive data inputs. There was request for sharing other examples of data standards, to which the attendees were redirected to the documents within the [9-1-1 hub](9-1-1 hub), specifically the Public Safety

Resources tab, for review of data standards.

The PSAP and ESB document guide serves as a guide on how to populate the polygon features of these two data types and can be found within the [Public Safety Resources](#) **tab on the 9-1-1 hub page as well, which showcases all fields and suggestions from authoritative sources.**

The tools for attribute check and GIS schema for 1Spatial 1Data Gateway was showcased, starting with the local file upload of your selected data. The process would then put your data through schema mapping, mandatory attribute checks, and finalized processing. Any questions on the matter can be found within the FAQ page within the 9-1-1 hub linked above.

A reminder for the counties to submit the GIS Telephone Accuracy Report was given within the NOFA overview, with agreement to discuss in a future meeting once more has been done.

VIII. <u>Call to the Public</u>

       No comments

IX. <u>Discussion for Topics of Future Committee Meetings</u>

       No topics brought up

X. <u>Adjourn</u>

Meeting Adjourned at 11:37 AM

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Upcoming 2021 Meeting Dates (Quarterly):

- January 13

- April 7

- July 7

- October 6