

AGIC
Data Committee Meeting
July 9, 2008
Arizona State Land Dept. Building
Draft Minutes

Those in attendance:

Mary Whelan, ASU
Victor Gass, ADEQ
Glen Buettner, Forestry
Lucas Murray, ADES
John Fan, ADOC
Brian Sherman, GITA
Ayan Mitra, ASU
Mike Zoldak, ASU
Anthony Maslowicz, ASLD
Susan Smith, ADWR
Tom Tyndall, State Parks
Keith Larson, NRCS
Amber Peterson, SFB
Dave Minkel, NGS
Gene Trobia, SCO
Tom Sturm, USGS

The following attended by phone:

Kevin Blake, Yavapai
Candace Bogart, USFS
Lee Allison, AZGS

1. GIS Inventory (Ramona) status report

Jana provided an e-mail update of inventory status. She is focusing on ALRIS and ADOT data holdings to try to get the statewide framework data filled in. She also reported the Kevin Blake had submitted a lot of information for Yavapai County. Status of the statewide framework data is:

Boundaries - Complete
Elevation - Complete
Imagery - Needs to add information on Maricopa and Cochise county imagery
Inland waters - ALRIS will add watershed boundaries
Location - ALRIS will add place names. Clarification needed for some data.
Planning/Cadastral - Complete
Transportation – Complete

- Discussion on content guidelines
The Committee had a discussion on what to include in the inventory. Issues center around data that originally came from other sources. Gene wants to make sure that there is some minimal level of redundancy in the inventory to ensure data access in times of emergency. He also feels that some modifications to data from other sources, such as clipping and re-projecting are significant enough that this type of modified data should be

incorporated into the system. Tom Sturm is concerned about redundancy, version control, and making sure people understand where the authoritative source resides. No definite decisions were made on this issue but it was generally acknowledged that participants should give priority to including data that they are the steward or authoritative source for.

- Committee member participation
Beyond the work going on between ASU and ASLD, the next priority will be to get staff that participated in the training to include their holdings in the inventory. The next focus will be on remaining Data Committee members, the greater AGIC membership, then other Federal, State, and local government entities, the private sector, etc.
- Preparations for conference
We are planning to have a help desk/Ramona population center at the conference.

2. AZ3D Presentation, Brian Sherman, GITA

Brian provided background and status information on AZ3D. A demonstration of Virtual Alabama in the Spring of 2008 generated significant interest. In response, the two year old AZ Clearinghouse proposal was revisited and the use of ESRI-based software for a system was acknowledged as the most practical software to use for an AZ-based system that came to be known as AZ3D. The focus of the system will be Border and Homeland Security applications with a front-end designed for non-GIS users to view/browse geospatial data. The applications are intended for government use only with owners of data controlling access and use of their information. Hosting of the applications is TBD at this point. Brian, Gene, and others are working on getting Homeland Security grants fund approval to support the project. Additional approvals are needed from the Governor's Office (EPOC) and State agencies. The program is currently in a six-month pilot phase with one-year plans to follow.

Tom Tyndall asked about compatibility of the front end application with Macintosh computers as used within State Parks. The gist of the discussion that followed indicated that there should be a way to make this work.

3. Report on Portal/Clearinghouse activities, Gary, Gene, and Victor

Everything is moving along fine with the portal getting more and more users everyday and DEQ is the first department, other than ALRIS, to contribute.

4. Street Centerline Working Group Report, Victor Gass, DEQ

There will be a meeting of the Working Group next Friday to assess current data holdings and talk about approaches to addressing. Prototyping will be done on three counties of data that have been obtained by the group. At this point it looks like a process can be put together to add addresses and meet E-911 needs while acknowledging the fact that the data won't edge match and has some street name consistencies. The Working Group plans to expand the program statewide as data from counties or other sources is obtained for the effort.

5. NGS Advisory Report, Dave Minkel, NGS

- Differences between NAD83 HARN and NAD83 NSRN2007

NGS will be defining a new datum in approximately 2017. The new datum will be as

geocentric as possible. Coordinate differences in AZ are expected to be on the order of 1.5m horizontally. This will be a new datum, not another realization of NAD83.

NGS can't provide a meaningful transformation from NAD83 (HARN) to NAD83 (NSRS2007).

NGS will have to provide a transformation from NSRS2007 to the new datum.

The issue we tried to address: For data holders with data accurate to a few centimeters, how should they plan to migrate from NAD83 (HARN) to the new datum? Options are to apply shifts to all layers or appropriate shifts to individual data sets or to not worry about it.

Graphics will be posted on AGIC and SCO web pages that show the nature of the shifts. Dave is considering submitting a poster of the graphics at the AGIC conference and in the ESRI conference poster competition.

- APLS Geospatial Data Standards

The APLS Geospatial Organization Committee has developed a paper which defines best practices for the collection of geospatial data (geodetic control, photogrammetry, surface models, etc.). The standards were written for both the client and contractor; has explanatory remarks along with four project examples and was approved by the APLS Executive Board on Saturday June 28, 2008. The standards are being presented at the ESRI conference during a luncheon forum on August 6, 2008. A recommendation was made to have AGIC review and endorse standards. They are currently be posted on APLS website – www.azpls.org add to AGIC website?

Gene made a motion to approve the paper. Dave seconded. Approved by voice vote of the committee

- AZCORS Update

Six stations are currently operating. The Prescott installation is next week. Working on Star Valley, Surprise, Tempe, Wickenburg, Fort Mojave. Go to www.azhmp.org for available data and user registration. Available data includes:

1-sec RTK (real-time survey)

5-sec static data (geodetic survey)

10 Hz static data (airborne missions)

There was a short discussion regarding the development of Real Time Networks (RTN) in Arizona. Dave and Gene will be pursuing this and report on it in the future..

6. Actions for Committee report at the 8-14-2008 AGIC Board meeting

AGIC Data Committee endorsement of APLS Geospatial Data Standards.

Other Board meeting items will include a report on Ramona status, AZ3D, NSRS2007

7. Additional Business

Candace Bogart asked to have a report on the National Wetlands Inventory Data added to the next agenda.

Victor Gass asked a question about the status of the US National Grid (USNG). Tom replied that some states that have been facing major recent disasters are starting to use USNG. Gene mentioned that FEMA and use USNG.

Keith Larson asked if there is any update on the status of NDGPS. Dave Minkel responded that he has not heard anything recently about the status but it is still operational.

The next meeting will be at 10:00am on 9-24-2008.

The meeting was adjourned at 12:00pm