Minutes of the
Arizona Geographic Information Council
Data Committee
April 1, 2009
Arizona State Land Department Building

Attendees:

Gene Trobia, SCO
Tom Sturm, USGS
Victor Gass, ADEQ
Tom Tyndall, State Parks
Kevin Blake, Yavapai County
Jana Hutchins, ASU
Brian Sherman, GITA
Lucas Murray, DES
John Fann, ADOC
Tony Maslowicz, ASLD
Susan Smith, ADWR
Tim Colman, SCO
Jean Rodine, DEQ

Committee Members via Teleconference:

Angela Wills, ADHS
Adam Iten, AZDOA
Bo Guo, GISTIC
Candace Bogart, USFS
Howard Ward, Private Sector
Ryan Clark, AZGS
Steve Whitney, Pima County
Scott Edwards
Karen Wigglesworth, HDR

FGDC CAP Grant award: Clearinghouse Focus, Gene Trobia

> Gene gave a brief update on the CAP Grant award. The project will develop a
> Strategic Plan and a Business Plan. The Business Plan will focus on the Arizona
> Geospatial Clearinghouse. This committee will be interviewed and be involved in
> helping develop specifics of the data components of the Clearinghouse in the
> plan.

Contributing to the AZ Data Portal, Angela Wills (out of sequence from the agenda)

> Angela Wills gave her presentation and endorsed using the Portal to host
> departmental data that could be shared with other agencies.

Update on USGS mapping: AZ Sample of new image map, Tom Sturm

Tom gave a status report on the new USGS graphics program. He displayed the first image map produced in the US by USGS. It is the Cat Mountain quad in Pima County, just west and south of downtown Tucson. Nevada and California will also be produced, along with Arizona, in this preliminary first year effort. Work in subsequent years will follow the new 3 year NAIP cycle. Content will be added to the maps beginning next year with priority being given to adding topography and streams. The next cycle of image maps for AZ, from the 2011 NAIP, will include this information. The maps are in GeoPDF format that allows the user to turn layers on and off. When a user downloads the TerraGo GeoPDF toolbar annotation can be added to the map then exported as a simple shape file. The map is targeted at field users and the public, not as a GIS product. Tom has received some feedback from NV users about the lack of PLSS on the maps and wants to know if similar sentiment exists in AZ. Tom has made this image available on an FTP site and we will post the site on the AGIC website. See http://www.terragotech.com/download/index/ for the TerraGo toolbar download.

HSIP Freedom data for AZ, Tom Sturm

Tom gave an overview on the HSIP Freedom Data for Arizona. Tom used text from the NSGIC Critical Infrastructure report as screen shots for his discussion. HSIP started with HSIP Gold. It is mostly commercially based with very limited access by state and local government unless there was a declared emergency or event. HSIP Freedom is moving the program towards sharing and improving the information so that state and local government can access the data and help improve it. States determine access to HSIP Freedom. TechniGraphicS (TGS) is the DOD contractor that has been involved in developing the database and working with locals to create the data sets available. Currently there are Fire Station, EMS, and Hospital datasets available for AZ. Police Station, Places of Worship, and Correctional Institutions are in work.

The EMS and Fire Station datasets both contain fire stations and so have a lot of redundancy. Many of the initial features were geocoded. TGS has made an effort to move these from the street centerline to the correct building footprints using orthoimagery and descriptions from data sources.

Victor stated that ADEQ had good locations for schools and would that be helpful. Tom replied that it would be useful when HSIP Freedom incorporates schools into their data.

Tom mentioned that the Hospital database contains 47 fields. Victor asked if the hospitals contained CO Pheonix codes. Gene said he believed so, but he and Tom were not sure. Gene said that the Clearinghouse would need to include Homeland Security guidelines. So we should be sure to include local IDs when we store data in the Clearinghouse. TGS will create the datasets and then will move on. Data maintenance will be an issue and needs to be addressed at the state and national level.

The USGS tries to facilitate the HSIP data development, but does not have access to the data. They would like to obtain the data, possibly with reduced content, for use in The National Map and for their image mapping program . Arizona will

need to work out internal distribution issues for state and local government use as. This committee can also look at giving USGS the right to access Arizona HSIP data. This will need to be addressed with AcTIC, DPS and the AGIC Data Committee.

Action Item: Contact AcTIC and develop a position on access to HSIP Freedom data. Who should be able to access Arizona Data.

Action Item: Tom will look at what metadata has been delivered for the three datasets we have received and provide the information to the Committee.

GIS Data Archiving, Victor Gass

Victor gave an update on Archiving. Victor had some contact with State Library and Archives and Tom provided some information on Federal policies and how they are being implemented at the USGS. There is no standardized approach to archiving. DEQ is looking to how to archive their geospatial data. So how can we capture and retain this information? Coming up with a State policy may be ambitious.
Gene mentioned that this will be impacted by the significant budget cuts at the State Library. The Committee will need to address how archiving functions will be addressed in a Clearinghouse.

Action Item: Jana suggested we talk to John Howard at ASU Library to archive geospatial data. Jana can set up a meeting with John to explore our options.

Street Centerline Working Group report, Victor Gass and Adam Iten

Victor gave a report on the status of the efforts at ADOT on the Street Centerline file. He handed out a graphic that showed the status of compliance with the 911 GIS standards. Adam is responsible for QC to ensure that county data meets standards. His target is to have address matching accurate to the 95% level. So far counties are at 97 or 98%.

Adam said he could give us contacts to acquire the county centerlines file. Victor has developed a merged data set of what is currently available. The data is not edge-matched but works for geocoding and other related applications. For graphics display of road features he is using data available from ESRI with good results.

The status of the long term goal of creating an integrated statewide database of county and ADOT road information needs to be resolved.

Action Item: Assemble a workgroup to address this issue. Victor Gass, Adam Iten, Brian Sherman, Mick Cseri, Jana Hutchins, and Gene will work as an SCO workgroup to address this issue and report back to this Committee.

GIS Inventory status, Jana Hutchins

Jana gave an update of the status of the Ramona data entry. She has got pretty good input for the state and counties. We are looking for another category to cover those areas that don't have a steward and may never have data in the foreseeable future. Jana is asking for guidance on what our next steps should be.

Action Item: Working group to look at next sets of data that would be dealt with next. Victor, Jana, Tom, Brian Sherman, and Gene.

Height Modernization Report, Gene Trobia

Gene gave a report on AZHMP. He reported that Partnership grants are still occurring. He focused on the Mohave County RTN proof of concept. This is a joint

Discussion of Tom Sturm's proposal to consolidate some Committee goals

Tom requested that the Committee consider consolidating and dropping some of the existing Committee goals. He would like to make sure that we have goals with a reasonable expectation of activity. Our current list includes:

Street Centerlines
Imagery
AZ Inventory
AZ Clearinghouse
Cadastral
LiDAR/GNSS
Archiving

Tom proposed that we drop Cadastral and LiDAR and combine the Inventory into the Clearinghouse goal. He suggested that our activities related to cadastral and LiDAR would most likely be related to a clearinghouse function for this year and that the inventory is a first step in creating a clearinghouse. Candace mentioned a desire to address having a control database developed for the State. After some discussion the Committee developed the following revised list:

Street Centerlines

Imagery

AZ Clearinghouse – Incorporating inventory, access, and archiving into a single goal

AZ Height Modernization – Including a potential Mohave County LiDAR development project that is tied to flood control related RTN work going on in the County.

Cadastral – Will remain on the list for now pending a decision on whether DOR is able to take on a leadership role.

Action: Gene will follow up with DOR regarding cadastral activities.

The meeting was adjourned to 12:00pm