

Facilitating the sharing and coordinated use of spatially referenced data in Delaware

D R A F T
Meeting Summary
Quarterly DGDC Meeting
9:00 a.m., November 15, 2006
House Hearing Room
Second Floor
Legislative Hall
Dover, DE

Attendance List:

Mike Mahaffie State Planning
Miriam Pomilio DGS
Sandy Schenck DGS
Brad Strittmatter DGS
Lillian Wang DGS
John Laznik UD/CADSR
Dave Racca UD/CADSR
Mike Krumrine DNREC
Deborah Sullivan DNREC
Carl Yetter DNREC/DCP
Jenn Volk DNREC
George Yocher DPH
Elizabeth Olsen DSHS
Terry Whitham DSHS
Shelly Ide DSHA
Kim Cloud DTI
Glenn Gladders DDA
Peggy Bacon DeIDOT/Survey
Matt Laick DeIDOT
McKelvin Gilbert DeIDOT
Mollie Raley DeIDOT
Roger Barlow USGS
Mary Harper HCA
Chad Lauderbaugh GeoDecisions
Tom Gergel Diamond Tech.
Doyle Tiller OMB/Facilities
Ed McNeeley State/GIC
Kevin Hickman JMT
Tom Peralta New Castle Co.
Josh Waltz Dover/Kent MPO
James Hoff DAFB
John Callahan UD/RDMS
Brianna Press URS
Don Berry DOE
Bill Swiatek WILMAPCO
Tamika Odrick WILMAPCO

Welcome and Introductions

Mike Mahaffie began the meeting at approximately 9:10 a.m. with a round of introductions.

Project/Issue Updates

DataMIL Update

Miriam Pomilio gave a brief update on the DataMIL. She said that there was not much new to report. Asked about the possible addition of 2006 NAIP orthophotography from the USGS, she said that the DataMIL team has been finding some problems in preparing the NAIP imagery for use in DataMIL.

2007 GIS Conference Update

Conference Planning Committee chair Miriam Pomilio noted that a date has been selected for the 2007 Conference: May 2, 2007, with workshops and a possible vendor's social planned for May 1. The conference is expected to be held at the Dover Sheraton, though contract details are yet to be worked-out. The Conference theme will be **Delaware GIS 2007: Serving Communities**.

GIS at DTI

Kim Cloud gave a brief overview of here efforts to bring DTI more firmly into the GIS world in Delaware. She noted that working on GIS issues is now her main responsibility and

that she hopes to have DTI become a support agency for state GIS efforts. She is now researching which kinds of services and infrastructure would be most useful. DTI leaders hope to have a strategy in place for DTI and GIS in the next several months.

Kim was asked about how data standards will be developed and who will take the lead. She noted that data standards should come from subject matter experts and be ratified

by DTI. She added that DTI should more appropriately take the lead on standards for data infrastructure.

Hydrologic Unit Updates

Andrew Homsey, of the UD Water resources Agency, was unable to attend, but sent word that he is in discussion with DNREC and USGS on a project to assess and edit the USGS Hydrologic Unit Code (HUC) 12-digit dataset. The project would also subdivide the corrected/edited HUC 12 data into smaller, 1 - 5 square mile Management Units.

A brief discussion involving DNREC and USGS and the DGDC groups as a whole explored how that project might work and how it fits into a need to have USGS, and then DNREC, declare the existing update HUC data to be the official detailed watershed data for Delaware.

Roger Barlow was asked to work with Debbie Sullivan, Sandy Scheck and Andrew to determine who within USGS needs to “bless” the HUC data and to work it through acceptance by the state.

RFP for Orthos/Elevation/LULC

Mike Mahaffie gave a very brief overview of the RFP process as it stands at the time of the meeting. Responses to the States RFPO have been received and are under review by a technical review committee which hopes to suggest a vendor to the I-team in Mid-December.

Highlights from the 2006 NSGIC National Conference

Mike Mahaffie gave a presentation (attached) on the 2006 Annual Conference of the National States Geographic Information Council (NSGIC) in early October. He went over some of the highlights of the week-long conference and highlighted major national issues that were discussed, including Imagery for the Nation, Federal Coordination Factors, The National Grid, Transportation for the Nation, GIS Certification, Governance of the NSDI, the DHS Data Model, and State Fusion Centers.

Mike also handed out a detailed report from the Conference (attached) and pointed to a collection of conference materials and presentations at www.nsgic.org/events/2006_conference.cfm.

Maps/Geospatial Data in State Web Portal Searches

Ed McNeeley, of the Government Information Center, gave a short presentation on the state web portal and its search engine, which can be “tuned” to present some information more prominently in constituent web searches. This can help empower searches that might use generic terms to search for specific information. Tuning the searches helps guide users to appropriate content.

Ed was seeking DGDC community assistance in finding the right search terms and advanced search results for searches for maps and geospatial data. A working group was formed, including Matt Laick, Shelly Ide, Sandy Schenck, Mary Harper, John

Callahan, Brad Strittmatter and Mike Mahaffie to work under Ed's leadership to define how to help tune map and map data searches.

New Sussex County LiDAR/Elevation Contours

Sandy Schenck led a discussion of how the new elevation data for Sussex County (and a part of eastern Kent County) will be made available. Roger Barlow, of USGS, gave an overview of when the work is expected to be complete, and Sandy outlined how the data will be available.

The data will be shared with the federal agencies that maintain the National Elevation Dataset (NED), and the data will be available via the USGS as part of the NED.

Sandy noted that the DataMIL will serve a mosaiced version of the Digital Elevation Model (DEM) as an image service and will also serve the contours (if they are judged sufficient) as a feature service and as part of the Map Lab.

He added that the DGS and DataMIL will not serve as a distribution point for the DEM data nor for the raw LiDAR "Point Cloud." That data will be available via the USGS.

New Statewide Roads Data

Matt Laick, of DeIDOT, gave an update on the TeleAtlas/Delaware Road Centerline and transportation data project. Matt said that the updated road centerlines appear to be accurate and should meet most needs. He added that there will be considerable additional data available that will have to be restricted by use-agreements. The basic data needed for Framework applications, however, will be available via the DataMIL and through a download site to be developed in the future.

The data delivery is delayed slightly by several issues specific to the needs of DeIDOT and the 911 Centers, but Matt expects to have data available for general use before the end of the year.

The meeting adjourned at approximately 11:35 a.m.

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Conference Report

2006 NSGIC

Annual Meeting

Mike Mahaffie
Office of Management and Budget
Wednesday, November 15, 2006



Annual GIS Coordinator Meeting

- October 1 – 6, 2006, in Little Rock, AR
- 330 attendees

- 44 States, USGS, Census, FEMA, Etc.



RAMONA Steering Committee

- An on-line GIS inventory tool:
de.gisinventory.net
- Established by NSGIC to provide for a standardized inventory of data holdings of states, local governments and others
- Steering committee formed to continue to develop and promote RAMONA





State Caucus (Two Parts)

- AmericaView
- Imagery for the Nation
- Federal Coordination Factors
- The National Grid
- GIS for the Nation
- GIS for the Gulf



State Caucus (Two Parts)

- Transportation for the Nation
- GIS Certification
- Governance of the NSDI
- DHS Data Model
- State Fusion Centers



50 States Grants

- Meeting of states that got grants from the federal government to support development of statewide GIS coordination
- Lots of discussion of how to form and populate councils





Geospatial Support Task Force

- Need for GIS tools and data to respond to disasters
- Modeled on “first-responder” support task forces
- On-call staff and equipment, 36-hour response
- One developed as a pilot project





Imagery for the Nation

- Regular national program to collect orthophotography
- NSGIC is leading advocacy efforts
- Conducted a national survey on imagery
- More information at www.nsgic.org/hottopics/imageryofnation.cfm





NASCIO President

- Matt Miszewski (Wisconsin)
 - “I don’t suggest you think outside the box – I recommend you blow it up.”
- BHAG: Revolutionize service delivery by destroying the barriers to borderless government.

State GIOs

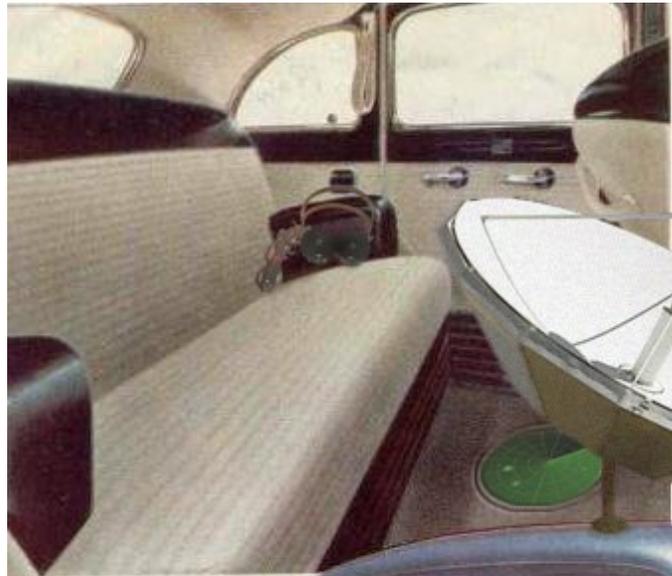
- Panel discussion of aligning GIS Coordination with State IT (CIO) Coordination
- Tied to the 50 states Initiative
- Goal of strengthening GIS Coordination



Transportation Data Collection

- Presentation by Don Cooke, TeleAtlas
- History of uses of transportation data
- Showed some of the technology in use in Delaware





Safety first

This year, Hudson adds one more component to the automobile that is already regarded as "America's Safest Car:" a GPS device. GPS, which stands for "General Pointing System," allows a driver to know exactly where he is at all times. It works by RADAR, the amazing scientific marvel that helped us win the War. It works like this: the people at your destination erect a convenient "RADAR SOUNDING BOARD" which allows the Hudson's GPS device to locate your destination and send a friendly "ping" sound which helps you stay the course. Nothing could be easier!

The luxurious Hudson, shown with the optional GPS RADAR Screen built into the floor.



GPS: Wave of the future

*for 6 passengers. . . 121-inch wheelbase. . . 102 h.p. in the Six; 128 h.p. in the Eight.
Also offered in a 2-door Brougham for 6 passengers, and a Club Coup for 5 passengers.
(one passenger must wear the "GPS Earphones and monitor the optional "GPS RADAR Screen.")*





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But seriously...





50 States CAP Grants

- FGDC action plan to engage all fifty states in the development of the NSDI
 - 11 states funded in FY06
 - More in FY07 (including Delaware?)
- To facilitate the coordination of programs, policies, technologies, and resources to enable the coordination, collection, discovery, and sharing of geospatial information to support the NSDI



NSGIC Coordination Criteria

- Full-time paid Coordinator
- Defined authority
- Formal relationship with CIO
- Involved decision-maker
- Responsibilities for NSDI and Clearinghouse assigned



NSGIC Coordination Criteria

- Coordinate with locals, academia, private sector
- Sustainable funding exists
- Coordinators have contractual authority
- Fed's work through coordinating body





From the Feds

- Federal Geographic Data Committee
- National Geospatial Programs Office
- OMB Geospatial Line of Business
 - Getting the federal agencies to work more closely together





Census Bureau

- TIGER update/alignment for Delaware this year
- TIGER will be moved to Shapefiles
- Local Update of Census Addresses (LUCA). We will be helping local governments

Enterprise Data Sharing

- Taking DataMIL-type approach a few steps more
- Identifying and supplying central data services
- Tied to Metadata Clearinghouses



Transportation for the Nation

- Similar to NHD approach
- Need a national standard/data model
- Local data, aggregated by states, and then at the national level
- Private sector interest
- DeIDOT's INFORM (GeoDecisions) shown as an example





Safety and Homeland Security

- Focus on cooperation between GIS Coordinators and Homeland Security agencies
- Development of Fusion Centers, such as the Delaware Information Analysis Center (DIAC)



Metadata

- We talked about it
- We all promised to promote it
- Does anyone doubt that I shall?
 - Metadata, apply directly to clearinghouse.
 - Metadata, apply directly to clearinghouse.





FEMA Flood Map Modernization

- A major update of how the maps are created
- And a major update of the maps
- Looking for support from state GIS Communities
 - Basemap data
 - Updated elevation data





Legislative Issues

- Briefings from NACo and MAPPs
- Counties want to be a part of the solution
- Most county legislative priorities involve geospatial data, though in the background



Making Better Use of the Web

- Mahaffie advocating crazy ideas
 - Blogs
 - RSS
 - WIKIs
 - Etc.

Streamlined Sales Tax

- When you buy stuff on-line, where is the sales tax owed?
 - Not a huge issue for us
- GIS and address location data are needed
- This will be a driver of address point data, nationally
 - Along with E911



Closing Thoughts

- GIS Coordination is maturing
- Need for Federal Standards now critical
- State and local government are partnering with private sector when Feds fail us
- Delaware under consideration for 2009 NSGIC Conference





NATIONAL STATES GEOGRAPHIC INFORMATION COUNCIL



Conference PPTs Etc:

www.nsgic.org/events/2006_conference.cfm

Mike Mahaffie
Office of Management and Budget
Wednesday, November 15, 2006



Conference Report 2006 NSGIC Annual Conference



The following is a brief report by Mike Mahaffie on the 2006 Annual Conference of the National States Geographic Information Council (NSGIC) in Little Rock, Arkansas. Delaware was represented by Sandy Schenck, of the Delaware Geological Survey, and Mike Mahaffie, of the Office of Management and Budget.

Conference materials and PowerPoint slides are available at:
www.nsgic.org/events/2006_conference.cfm

Saturday, September 30:

Travel and a short tour of the conference venue with the association manager who works with NSGIC.

Sunday, October 1:

Steering group meeting for the [RAMONA](#) on-line GIS data inventory tool. RAMONA was established by NSGIC to provide way for States to take a standardized inventory of the GIS data holdings of state agencies, local governments and other partners. Delaware has been using RAMONA, but we need to re-energize use and expand its use.

NSGIC Board of Directors Meeting. (I am starting the second year of a two-year term on the Board.) This covered business of the group and policy discussions around issues of state/federal coordination.

NSGIC State-Member Caucus Part 1. Discussion of issues from the state perspective.

Joint USGS/State meeting. Discussion of state/federal coordination issues.

Meeting of states that have received, and states hoping to apply for, a "[Fifty States](#)" grant from the federal government to support the development of effective statewide geospatial coordination programs. This meeting was packed; whether states get grants to support their efforts or not, all are interested in discussing the challenges of statewide coordination and sharing ideas and solutions. We had considered such a grant request for Delaware last fall, but opted to wait for completion of the GIS Coordination Legislation. I believe we should make a grant request this fall.

Monday, October 2:

Roll-Call of the States. There were 44 states present (including DC and the US Virgin Islands). The lead delegate for each state gave a 2-minute update of activities in their states. I explained our RFP and gave an update on our GIS Coordination Legislation efforts, which we had discussed at NSGIC last year.

Geospatial Support Task Force Presentation. This is an idea that has grown up in the wake of efforts to bring geospatial data to bear in emergency response efforts such as

9/11, the Challenger disaster, and the hurricanes of 2005. The idea is to model the GIS task force on the other emergency response task forces that already exist. That is, to have the people needed to get the job done identified and trained, the equipment they need ready, and an approach in hand to handle any logistical problems. So that when a task force is needed, it can quickly get on scene and get to work. One Task Force is now being built. Eventually there will be at least three, organized regionally.

Presentations by candidates for the Board of Directors.

[Imagery for the Nation](#) presentation. This was an in-depth discussion of work to create a national, and regular, program to collect aerial photography. This was followed by a panel discussion on how to provide quality assurance for large orthophoto and other data projects.

Corporate Leadership Council. This was a meeting of the NSGIC Board and committee leaders with major sponsors to discuss ways to increase communications between the sponsors and the leadership of NSGIC on major issues.

Tuesday, October 3:

Keynote address by Matt Miszewski, president of NASCIO and Chief Information Officer (CIO) of the state of Wisconsin. He recommended that instead of thinking outside the box, we "blow-up the box." He joined a panel discussion focused on the need for all states to have a GIO -- Geographic Information Officer. This focused on what the characteristics of an effective GIO are and included a discussion about where a GIO might best fit in a state government. I had a chance to speak with Mr. Miszewski and he mentioned that he has spoken about this issue with Tom Jarrett in the past.

Annual NSGIC Business Meeting (Part 1). This included reports from the president and several of the standing committees.

Unique State Activities reports: There were presentations on GIS help desks, transportation data and high-resolution elevation data.

Sponsor Presentation: Transportation Data Collection. This was a presentation by TeleAtlas North America, which collects and aggregates and publishes transportation data. DelDOT is currently working with TeleAtlas to aggregate transportation data for Delaware.

Implementing the Fifty States Initiative. This was a report on a survey of all of the states, looking at the extent to which they met several criteria considered to be key to statewide coordination. Delaware does not score very high on this survey. Our GIS Coordination Legislation would change that.

Update from federal staff on the USGS National Geospatial Programs Office and the Federal Geographic Data Committee. This included a lengthy discussion of the Federal OMB effort to create a Federal Geospatial Line of Business. This is generally described as an effort to try to consolidate business/technology efforts within the federal government to save time/money.

Tour of the Clinton Presidential Library.

Wednesday, October 4:

Keynote Speaker. Arkansas State Senator Shane Broadway spoke about how to present spatial data and GIS to legislators. (His message: Keep it simple)

Census Bureau Presentation. An update on activities now starting to help get our states ready for the 2010 Census. This included the Local Update of Census Addresses. I expect the Census Bureau to send a letter to Governor Minner requesting that I coordinate this program as Census Data Center person for Delaware. This will involve coordinating training for municipal leaders and assisting them where necessary.

Enterprise Approach to Data Sharing. There were several presentations on approaches to data sharing between state and local governments from the states of Ohio, Arkansas and Kentucky.

Gold Sponsor Session. Presentations on new technology and solutions by ESRI, Michael Baker, Jr., NASA, Woolpert, Places2Protect, and Digital Data Technologies.

Panel Discussion on "Transportation for the Nation." This was a discussion on the notion of developing a "Transportation for the Nation" initiative to try for a national, integrated, transportation data collection.

Homeland Security and Public Safety. This session focused on ways that GIS Coordinators can work more closely and effectively with public safety and homeland security agencies. There was considerable discussion of the development of "Fusion Centers" and how GIS and geospatial data can be used to make these more effective. I believe that the Delaware Information Analysis Center, at DSHS, qualifies as a Fusion Center.

Improved Geospatial Data Management. This was our traditional, though short, session on the importance of metadata.

Thursday, October 5:

FEMA Flood Map Modernization Program. A discussion of work, nationally, on modernizing flood maps. State GIS Coordinators are asked to help coordinate new elevation data in support of this project, along with base map data.

Legislative Issues Briefing. An overview of national legislative issues (and local priorities) by representatives of the National Association of Counties (NACo) and the Management Association for Private Photogrammetric Surveyors (MAPPS).

Making Better Use of the Web. My presentation on the many avenues of communication opened by blogging software, wikis, tags and other social networking tools.

Annual NSGIC Business Meeting (Part 1). This included achievement awards for several members and transfer from one NSGIC president to the next.

Streamlined Sales Tax. A presentation on using GIS and geospatial data to determine appropriate sales tax for on-line purchases.

NSGIC State-Member Caucus Part 1. Discussion of major issues that the group will work on for the coming year:

- Next steps in pursuing the National Spatial Data Infrastructure
- The need to have more state representation on the various committees of NSGIC
- The GIS Certification program
- The governance model for the NSDI
- The DHS Data Model
- Ways to effectively share data among different levels of government

Friday, October 6:

NSGIC Board Meeting. Wrap up of Conference issues. Discussion of 2007 mid-year and annual meetings as well as future conferences. I have proposed that Delaware be considered for the 2009 NSGIC conference.

And travel.

Mike