

Statewide Mapping Advisory Committee Meeting Minutes

April 14, 2010 | 1:30-3:30 PM

Education Board Room Lounge | Raleigh, NC

Attendees: Anne Payne, Janet Lowe, Don Early, James Armstrong, Mary Samouelian, Jeff Brown, Gary Thompson, Tim Johnson, Doug Newcomb, Mike Mull, Hope Morgan, Sean McGuire (phone), Pam Carver (phone), Dr. Tyrel Moore (phone), Stephen Dew (phone), Jeff Essic, Tom Morgan, Rick Wallace, Joe Sewash, David Giordano

Welcome/Introductions – Anne Payne, Chair

Attendees introduced themselves. The minutes from the January 13, 2010 meeting were approved.

NC Geographic Information Coordinating Council

Council Update – Tim Johnson

The GICC last met on February 10, 2010. Two action items came out of that meeting.

1. The Management and Operations Committee will reassess the vision and characteristics of NC OneMap.

This action prompted the M&O to revisit the NC OneMap vision statement and characteristics that were adopted by the GICC in May 2003. The M&O met March 5th and 23rd to discuss this and other topics. There are minor changes that will be proposed to the GICC.

2. The Local Government Committee (LGC), Federal Interagency Committee (FIC), and State Government GIS Users Committee (SGUC), with support from the Technical Advisory Committee (TAC) and staff, will define user requirements for NC OneMap. The Technical Advisory Committee will prepare materials to support this task. Staff will prepare a summary report of the results.

This was also discussed at both M&O meetings in March. The M&O asked Jerry Fralick, State CIO, to identify a temporary staff resource from the Enterprise Project Management Office (EPMO) to lead them through a requirements analysis, providing facilitation along with methods and tools for completing the process. The TAC was asked to draft a list of potential questions that could be asked in a requirements gathering effort. Linda Lowe from the EPMO has been selected to work with the M&O on a temporary basis to complete the requirements analysis.

The full GICC meeting minutes can be found at www.ncgicc.org/Portals/3/documents/GICC_Minutes_02102010.pdf.

State Government Committee – Sean McGuire

The last general SGUC meeting was March 16. The group was briefed on the statewide ortho project and NAIP imagery. ESRI also gave a presentation on government accountability using GIS.

The SGUC was also given an update on the ESRI enterprise license discussions. The amount of the ELA is approximately \$600,000 and will include a 5% increase each year. The enterprise IT fund will pay 50% of the cost. The remainder will be divided among agencies. The agreement will likely include a master purchasing agreement and training opportunities. A training center in Raleigh is also included. Local governments and community colleges will also be able to take advantage of the pricing. K-12 classrooms will receive the software for free.

Local Government Committee – James Armstrong

The LGC last met on March 24. The committee discussed RAMONA (NC OneMap GIS Inventory). The group felt RAMONA is not living up to its vision and that technology may have surpassed the tool. The LGC thought the tool could be redeveloped using a wiki-type system or other current technology. Anne recommended rolling these thoughts into an NC OneMap requirements gathering session when the time comes.

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The committee also discussed data charges and restrictions. James mentioned there are a number of local governments that still charge for their GIS data, and make a significant amount doing so. He asked if there are any restrictions on the data CGIA distributes. Anne responded that the Data Sharing subcommittee received a legal opinion saying local government data held by state agencies must be distributable.

Federal Interagency Committee – Doug Newcomb

Doug attended for Steve Strader. The FIC executive committee met a few weeks ago. The next FIC general meeting will be April 29 in Manteo. There will be a presentation by Leah Schwizer (Consultant, Booz/Allen/Hamilton - Department of Homeland Security) on “Homeland Infrastructure Foundation-Level Data (HIFLD) to the Regions: Leveraging the HIFLD Model for Regional Information Sharing Partnerships.”

Work Groups

Roads and Transportation/Seamless Parcels – Tom Morgan

The WGRT and WGSP have formed a Core Leadership Team (CLT) to enable collaboration between recently awarded grants. This is necessary because both have projects that are essentially attempting to solve for seamless statewide datasets – one for street centerlines and the other for parcels. The CLT hopes the WGSP-awarded EPA exchange network grant will result in a tool that will enable sharing for street centerlines as well as other data (e.g. parcels), and the WGRT-awarded FGDC CAP grant would potentially be used for a desktop plug-in to facilitate data exchange.

NC Board on Geographic Names – Dr. Tyrel Moore

On the NCBGN docket is a request to rename Moody Lake in Charlotte to Lake Whitehall. This same name change request was submitted in 2008 as well. The board so no reason to reverse its 2008 decision, as the request contained no new information, and therefore will recommend to the USBGN, with SMAC approval, that this request be declined. The reason to decline the request at this time is due the appearance that the claim is still associated with the commercial/branding rationale presented in the 2008 request. A motion to the SMAC to approve the NCBGN request was made and passed.

Orthoimagery – Gary Thompson

The work group is in the process of developing a business plan for statewide orthos. It will be delivered to the SMAC at the next meeting and then to the GICC at their November 2010 meeting. Gary and Tom Morgan are assembling a whitepaper about why counties should convert their geospatial data from NAD27. This paper will be available at the next SMAC meeting. Gary indicated there is not a need for an oblique standard. Established, proven procedures for oblique imagery already exist within the industry. Jeff Brown asked for Gary to email him those procedures. The group is also drafting a position paper to show the benefits of CIR imagery. Gary asked that SMAC members email him any benefits they have about using CIR data.

ACTION ITEM: Orthoimagery workgroup to prepare business plan for statewide orthos and have available at July 14 SMAC meeting.

ACTION ITEM: Orthoimagery workgroup to prepare NAD27 conversion whitepaper and have available at July 14 SMAC meeting.

Stream Mapping – Joe Sewash

The workgroup has not met since the last SMAC meeting. They will convene within the next 2-3 weeks to discuss the wetlands mapping standard, differing names whitepaper, and watershed boundary maintenance.

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Regular Status Updates

National Geospatial Programs Office – Steve Strader

Steve was not able to attend the meeting. Gary took the opportunity to tell the SMAC that on May 11 and 12 there will be a federal geospatial summit to discuss replacing NAD83 and NAVD88. NGS hopes to move towards a gravity-based vertical datum starting in 2018. They also hope to replace NAD83 with another datum that includes velocity.

Floodplain Mapping Program – Hope Morgan

Engineering is in-progress for 10 counties with regards to floodplain mapping. Pre-preliminary maps will be ready in the next 2 months.

NC OneMap – David Giordano

Data releases to NC OneMap since the last SMAC meeting include:

- Significant Natural Heritage Areas
- Natural Heritage Element Occurrences
- Correctional Institutions
- Law Enforcement Locations
- Iredell County Local Street Centerlines

A CGIA internal web tool to more effectively administer NC OneMap services is nearly complete. NC OneMap servers are migrating to the OITS-hosted environment. During this process all ArcIMS WMS map services will be recreated using ArcGIS Server. Support for KML will also be included. Focus will then turn to improving NC OneMap data discovery and the data download page. Approximately 4GB of superseded NC OneMap data was sent to Cultural Resources for archiving.

GeoMAPP – Kelly Eubank

Mary Samouelian attended for Kelly. Superseded NC OneMap data is available in MARS. A test collection of data has been uploaded to CONTENTdm, a digital collection management system. CONTENTdm allows for data viewing and download. Mary asked the SMAC to participate in a usability test of CONTENTdm. She asked David to broadcast it on the SMAC listserv.

Statewide Digital Orthophoto Project – Tim Johnson

Flying is complete statewide. Orthoimagery should start to become available approximately one year from now. The project is on schedule.

New Business

FGDC Thoroughfare, Landmark, and Postal Address Data Standard – Anne Payne

This FGDC standard is out for public comment until June 16. Anne indicated she would like a single SMAC response to the standard and will convene a small committee to formulate a response. She asked the SMAC to send her any thoughts they have on this. Janet Lowe indicated she would ask the WGRT about a response. Hope mentioned asking the 911 Board to weigh-in.

NC Water/Sewer Geographic Data Content Standard Review – James Armstrong

James briefed the SMAC on a mapping project conducted in the Lumber River COG area. Water and wastewater infrastructure data was mapping using the existing water/sewer data content standard adopted by the GICC years ago.

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Mapping requirements for the project dictated collecting features other than those outlined in the GICC standard. Does the water/sewer schema used for this mapping project need to be adopted as an update to the existing GICC standard? James did not advocate a remapping of the features statewide, but rather an up-to-date schema local governments can use when mapping water and wastewater. Hope suggested updating the standard and give it to NC Water WARN to review. She also said security should be addressed regardless of the action taken. Anne advocated the creation of an ad-hoc SMAC subcommittee to address this. Tim mentioned water and sewer infrastructure may be part of the upcoming statewide GIS strategy, and may result in a different data content standard/schema. Anne asked that SMAC members send her ideas on the standard and she will pull them together.

Action Item Review

Number	Mtg. Date	Action	Status	Person	Comment
1	1/7/2009	In a whitepaper, Stream Mapping to examine and quantify differing names issue, and include stakeholders from DWQ, NCBGN, USGS, LGC, and Tom Morgan. Present whitepaper at January 13, 2010 SMAC mtg.	Open	Stream Mapping/Joe Sewash	
2	1/7/2009	In a whitepaper, Stream Mapping to discuss and determine best course of action for watershed boundary maintenance. Present at January 13, 2010 SMAC mtg.	Open	Stream Mapping/Joe Sewash	
3	4/8/2009	Gary and SMAC Imagery and Orthophoto work group to look at circumstances surrounding standards, specifications, and funding of oblique imagery.	Open	Imagery and Orthophoto/Gary Thompson	
4	7/8/2009	Gary to present NAIP CIR issue paper at January 13, 2010 SMAC meeting.	Open	Imagery and Orthophoto/Gary Thompson	
5	7/8/2009	Gary to report on standards for oblique imagery at January 13, 2010 SMAC meeting.	Open	Gary Thompson	
6	7/8/2009	Joe Sewash to present differing names issue paper at January 13, 2010 SMAC meeting.	Open	Joe Sewash	
7	10/14/2009	LGC to consider strategy for collection of municipal and county boundaries for Department of Revenue request.	Open	Chad Ives/James Armstrong	

Actions 3 and 5 are closed per Gary's Imagery and Orthophoto work group report to the SMAC. Action 7 is closed as the Department of Revenue made the request to all counties.