

DRAFT Statewide Mapping Advisory Committee Meeting Minutes

April 8, 2009 | 1:30-3:30 PM

Education Board Room Lounge | Raleigh, NC

Attendees: Anne Payne, Tom Morgan, Cam McNutt, Joe Sewash, Chad Ives, Alex Rickard, Janet Lowe, Gary Thompson, Matt Duvall, Tim Johnson, Mike Mull, Keith Johnston, Julia Harrell, Jeff Essic, Zsolt Nagy, Sean McGuire, Tyrel Moore (phone), John Lay (for Hope Morgan)

Welcome/Introductions – Anne Payne, Chair

Attendees introduced themselves. Minutes from the January 7, 2009 meeting were approved.

NC Geographic Information Coordinating Council

Council Update – Tim Johnson

The GICC last met on February 11, 2009. Several items were brought before the Council and discussed. There was a presentation titled “New Imagery Techniques to Enhance Government Services with Increased Efficiency”, as well as standard committee reports. The full minutes from the meeting can be found at http://www.ncgicc.org/Portals/3/documents/GICC_Minutes_02112009.pdf.

State Government Committee – Sean McGuire

The last general SMAC meeting was on January 29. There were presentations on the RENCi 3D video camera system, as well as Google Earth Enterprise from Ed Shipman at NC Department of Agriculture and Consumer Services. The next general meeting is scheduled for April 16 at 9:30am.

Local Government Committee – Jason Mann/Chad Ives

At their last meeting Chad Ives reported that the LGC discussed the Master Address project, NCBELS, data archive and preservation, and ortho cost-sharing. The LGC asked what the role would be of the representative appointed to the NC Board on Geographic Names. David Giordano responded that he is answering that same question with the LGC staff – Tom Tribble, and that Tom will have the information he needs shortly. Anne Payne asked Dr. Tyrel Moore if he had anything to add. Dr. Moore said the NCBGN is in the middle of redefining itself, by adding membership and changing the way it holds its meetings.

The LGC also asked for more communication between local governments and the 911 Board to discuss how funding can be spent, as well as how the local GIS community could be represented on the 911 Board. Tim Johnson volunteered to discuss this with Dr. Billy Willis, 911 Board Chair.

ACTION ITEM: Tim Johnson to discuss with Billy Willis how 911 Board funding can be spent.

Federal Interagency Committee – Steve Strader

Matt Duvall, NRCS, attended for Steve Strader. The FIC will meet next Tuesday for the first time since the new chair, Jared Bales, has been appointed. Matt said there has been a fairly lengthy amount of time between FIC chairs so there hasn't been much to work on, but once the FIC meets things will ramp back up.

Work Groups

Roads and Transportation – Janet Lowe/Alex Rickard

Alex Rickard reported the WGRT is meeting quarterly. It has formed a subcommittee to look at and revise the current centerline content standard with an eye towards making it a fully relational schema, rather than just a list of attributes. The thought is that this new schema will put the committee in a better position to apply for and receive a grant so a data translator can be developed. Tom Morgan added that if the current standard was enhanced to provide a schema, it may become more utilized by local governments.

DRAFT Statewide Mapping Advisory Committee Meeting Minutes
April 8, 2009 | 1:30-3:30 PM
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Seamless Parcels – Tom Morgan

The group met in February and is reviewing the current parcel content standard to try to make it as compliant with the FGDC standard as possible.

EPA tentatively approved the DENR proposal for \$500,000 to build a data translator for cadastral data. DENR needs to fill out additional paperwork to make it official. Funding should be available by the August/September timeframe. Once the translator is developed it will be adaptable to more than just parcels. Twenty-five counties have volunteered to take part in the pilot project using the translator. The committee is currently developing business cases.

NC Board on Geographic Names – Dr. Tyrel Moore

Dr. Moore reported the board is currently dealing with a draft charter outlining its purpose, duties, role, and membership.

Dr. Neal Lineback was replaced by Dr. Jim Young (both from Appalachian State). Mike Medina from NC Geological Survey and Terry Norris from NC DOT are the current board members. The board is looking at adding membership from the DENR-DWQ, the Local Government Committee, and the Department of Cultural Resources. Mike and Dr. Young are in favor of the charter as drafted. Terry Norris could not be reached. The board is in favor of face-to-face meetings, rather than conference calls, to handle its business.

Anne asked that the charter be reviewed at the next SMAC meeting. Zsolt added that the charter reaffirms the NCBGN as the naming body in NC and the GNIS as the official repository of geographic names. He urged the SMAC to take a serious look at the charter.

ACTION ITEM: NCBGN to have charter drafted for SMAC review by July 8, 2009 SMAC meeting.

Imagery and Orthophoto – Gary Thompson

The ortho group will meet Monday's before SMAC meetings. Jeff Brown has a map of 2009-10 proposed ortho cost-share partners. The committee is asking for \$375,000 in cost-share funding for the 2009-10 fiscal year.

Dan Madding sent 2008 NAIP imagery to all 100 counties. NCDOT reprojected the imagery from UTM to State Plane, and the USFWS "cut" the imagery into DOQQ extents. Julia Harrell will make the data available via WMS.

Julia asked if CIR could be added to the ortho-cost sharing. Zsolt responded that the SMAC can modify the ortho statement of direction as marching orders for the ortho committee. Gary added that the CIR buy-up will cost approximately 10-15% more. Sean McGuire said CIR is better leaf-on and, therefore might want to add CIR to NAIP rather than ortho-cost sharing (which is flown during the leaf-off season). CIR imagery is multi-purpose (vegetation, wetland, etc.) and would need requirements before it is collected. Chad volunteered to ask the LGC if they were interested in CIR.

ACTION ITEM: Chad Ives will gauge LGC interest in CIR imagery.

The existing ortho standard is under revision. The existing standard is for film-based photography. Tom is seeking GICC adoption at their next meeting in August (in time for the next county flying season).

Stream Mapping – Joe Sewash

Differing Geographic Feature Names:

Joe informed the SMAC the Stream Mapping Advisory Committee was a body formed in 2004 to guide the development of local-resolution hydrography data in NC. The Geographic Names Information System (GNIS) is required for the National Hydrography Dataset (NHD), from which the NC local-resolution hydrography data is a part. The committee agreed to a framework where stakeholder business data is stored in database tables which are "attached" to the hydrographic reach codes. This process has not been drafted, but Joe indicated it could be the resolution needed for differing names. Multiple names could represent the same feature, with those names stored in business tables. The committee has an outstanding action item to draft a whitepaper on this topic.

DRAFT Statewide Mapping Advisory Committee Meeting Minutes
April 8, 2009 | 1:30-3:30 PM
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Anne asked of the likelihood of local governments having reach codes. Joe responded it is not likely, and that it would need to be integrated into local data.

Watershed Boundary Dataset Stewardship:

NOAA-CSC held a national level meeting to discuss aligning NHD and WBD (Watershed Boundary Dataset) maintenance. USGS and NRCS are working to combine the two and will present in Denver, CO next week. Joe reported that this exercise can lead to a whitepaper (as the committee action item identifies).

Matt stated he would like to install this process at the local level to make the data more useful. He added he would like to see the process become official and start to talk to whom they need to talk to. Anne asked if the LGC was a logical starting place. Zsolt suggested starting with the processes already in the SMAC to give something tangible to the LGC. Julia asked for Joe to forward the materials from the Denver meeting.

Regular Status Updates

National Geospatial Programs Office – Steve Strader

There was no report.

Floodplain Mapping Program – Hope Morgan

John Lay attended for Hope Morgan. Buildings have been delivered to the contractor. Mapping should be completed by December 2009. At that time, local governments will receive the building data. Counties are not required to maintain the data if they do not want to. The only attribute captured is the ortho source used to heads-up digitize. As a general rule of thumb only those buildings that appear to be 1,000 sq. ft. or greater are digitized.

NC OneMap – David Giordano

David reported the data releases since last SMAC meeting:

1. Colleges and Universities
2. Emergency Medical Services
3. Fire Stations
4. Local imagery (2008: Edgecombe, Tyrrell, Caldwell, Graham, Cherokee, Pamlico, Henderson, Stokes; 2007: Henderson and Tyrrell 2007)
5. Public Schools
6. Randolph Co. Local Street Centerlines (from NC StreetMap)
7. Iredell Co. Local Street Centerlines (from NC StreetMap)

To date the following data have been released from the NGA/HSIP data coordination:

1. Colleges and Universities
2. Emergency Medical Services
3. Fire Stations
4. Emergency Operation Centers
5. Hurricane Evacuation Routes

Progress continues on upgrading the NC OneMap database infrastructure. We are currently working on new GUI frontend to manage/administer map services and viewer. The next step after that is to get Service Checker up and running. Chad asked if the LGC should push for more NC OneMap participation. David responded yes, after the current tasks are completed.

DRAFT Statewide Mapping Advisory Committee Meeting Minutes
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Library of Congress and Digital Preservation – Steve Morris

Jeff Essic reported for Steve. NC State Libraries is finishing collecting data for their archiving project. On the GeoMAPP front, Zsolt said that NCSU was the catalyst for engaging others. The Omnibus bill allowed for the Library of Congress to extend its current work with partners – resulting in an extension to the GeoMAPP project. For GIS professionals this means to continue with best practices (naming conventions, etc.) and allow archivists to coordinate geospatial data archiving.

New Business

Oblique Photography

Anne asked Gary for issue identification surrounding standards, specifications, and funding for oblique imagery.

ACTION ITEM: Gary and SMAC Imagery and Orthophoto work group to look at circumstances surrounding standards, specifications, and funding of oblique imagery.

Action Item Review

Number	Date Added	Action	Status	Person	Comment
1	7/9/2008	SMAC to provide comments on NCBGN draft charter by July 24.	Closed		
2	7/9/2008	Meagan Durden to inquire about preferred representation from Cultural Resource on the NCBGN.	<u>Open</u>	Tim Johnson	Meagan is no longer with DCR. Tim Johnson to draft letter to Cultural Resources.
3	7/9/2008	Add to charter the need for the NCBGN to meet in-person when naming issues arise.	Closed	NCBGN/Tyrel Moore	
4	7/9/2008	SMAC to ask Stream Mapping Advisory Committee to look at DWQ/GNIS differing names topic.	Closed		
5	1/7/2009	Zsolt to ask Joe Sewash to articulate MADB business case to LGC.	Closed	Zsolt Nagy	
6	1/7/2009	NCBGN to review draft charter and membership and present to SMAC at July 8, 2009 meeting.	<u>Open</u>	NCBGN/Tyrel Moore	Date amended according to 4/8/09 SMAC meeting. Original date was April 8.
7	1/7/2009	Jason Mann to solicit opinion of adding LGC representative to the NCBGN from LGC Chair Julie Stamper.	<u>Open</u>	Jason Mann	
8	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.	<u>Open</u>	Stream Mapping/Joe Sewash	
9	1/7/2009	In a whitepaper, Stream Mapping to discuss and determine best course of action for watershed boundary maintenance.	<u>Open</u>	Stream Mapping/Joe Sewash	
10	4/8/2009	Tim Johnson to discuss with Billy Willis how 911 Board funding can be spent.	<u>Open</u>	Tim Johnson	
11	4/8/2009	Chad Ives gauge LGC interest in CIR imagery.	<u>Open</u>	Chad Ives	
12	4/8/2009	Gary and SMAC Imagery and Orthophoto work group to look at circumstances surrounding standards, specifications, and funding of oblique imagery.	<u>Open</u>	Imagery and Orthophoto work group	

Action Item 3 was closed.

Adjourn

The meeting adjourned at 3:30pm.