

Statewide Mapping Advisory Committee Meeting Minutes
January 13, 2010 | 1:30-3:30 PM
Education Board Room Lounge | Raleigh, NC

Attendees: Anne Payne, Joe Sewash, Steve Strader, Tom Morgan, Alex Rickard, Sean McGuire, Gary Thompson, James Armstrong (phone), Dr. Tyrel Moore (phone), Julia Harrell, Stephen Dew (phone), John Dorman, Tim Johnson, Keith Johnston, Jeff Essic, Mike Mull, John Farley, Pam Ingle, Diana Hales, David Giordano

Welcome/Introductions – Anne Payne, Chair

Attendees introduced themselves. The minutes from the October 14, 2009 meeting were approved.

NC Geographic Information Coordinating Council

Council Update – Tim Johnson

Tim Johnson reported that at the November 10, 2009 meeting Jon Parsons from Sustainable Sandhills spoke on “New Perspectives of Standard Data: Suitability Mapping in the Sandhills Region.”

Mr. Johnson then briefed the SMAC on the four action items.

1. A question and answer was added to the 2010 statewide orthophotography project website. The question and answer pertained to the affect on future funding by the 911 Board for county orthophotography. Richard Taylor, Executive Director of the 911 Board, stated at the GICC meeting that a comprehensive 911 study is underway and the 2010 statewide flyover would not be a single event.
2. The Council chair wrote an endorsement for the FGDC CAP grant application prepared by the Working Group for Roads and Transportation.
3. The Management and Operations Committee has been asked to consider continuity of the Master Address Dataset that was completed in FY2009-10 by CGIA with support from local governments. This request, from the State Government GIS Users Committee, expressed their concern that this valuable dataset was developed with non-recurring state appropriations.
4. Staff circulated questions posed by the GIS Technical Advisory Committee concerning the perception of NC OneMap to all GICC committees. There was a January 8, 2010 response deadline.

Anne Payne thanked everyone who responded to the NC OneMap request. Comments have been forwarded to the GIS TAC Chair, Kelly Laughton.

View full minutes from the August 12 GICC meeting: <http://www.ncgicc.org/Meetings/tabid/138/Default.aspx>

State Government GIS Users Committee – Sean McGuire

Sean McGuire said that OITS and ESRI are still in ELA negotiations, and there is nothing to report. The next general meeting has not been set.

Local Government Committee – James Armstrong

James Armstrong said the LGC members report that they are still receiving multiple requests from state agencies, recently Floodplain Mapping Program and Department of Revenue. Some members thought there was a procedure proposed about creating one place for data to be accessed. Anne said there is the intention to create this, but there is no single place to access the data. Alex Rickard said the NC StreetMap was built for that process to access local government street centerlines. David Giordano said that same model can work for other data themes as well. Tim asked how many counties are serving their street data through NC StreetMap. David said about 30. Anne said there needs to be centralized access, but not necessarily in a single physical location. She said the Local Government Committee needs to help build

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participation. John Farley said that NC StreetMap needs to be factored into NC OneMap discussion. This type of data distribution should be a full GICC or Management and Operations Committee issue.

James said the LGC discussed the state ELA with ESRI and are glad local governments are included in these discussions. He said the NC GIS Inventory (RAMONA) is not living up to expectations from the local government side. Anne said that people want a better mechanism to aggregate data with a fact sheet. James said there is a desire to tie the inventory directly to data sharing. Julia Harrell said it is extremely cumbersome to take the RAMONA spreadsheet and use them.

Federal Interagency Committee – Steve Strader

Steve Strader said the FIC met November 10 in Raleigh and had several presentations, including one from Tim Johnson on state reorganization and the technical expansion of NC OneMap. Other presentations included one on a US Fish and Wildlife landscape conservation initiative to identify habitat problems relative to climate change and population expansion; Janet Lowe on the WGRT NC StreetMap project and a request for a FIC supporting letter to the FGDC CAP grant application, and a technical presentation on the soils data viewer available through NRCS. Steve said the federal agencies probably will not contribute any money towards the processing of the Color Infrared band of the 2010 orthophotography. He said the FIC has a new member, Leah Walter, from the Department of Homeland Security. Their next meeting is next week. Tim said there is still no selection of a FIC chair, but work is proceeding.

Work Groups

Roads and Transportation – Alex Rickard

Alex Rickard said the FGDC CAP grant application has been submitted, with 18 letters of support. He said he appreciated the help from Julia Harrell. The highlights of the project include the development of a data exchange standard and schema for street centerlines, an active collaboration with the NC parcel data community to develop an open source desktop transformation tool to assist local data stewards with converting their data into common formats, and the development of documentation and training materials in the use of the new street centerline standard and data transformation tool. He said the revised standard incorporates another 15 data elements to make the standard more consistent with the FGDC standard, and the tool could autogenerate the local government data to the standard. There is work proposed to enhance the NC StreetMap data repository to incorporate the use of the new data transformation tool. He said that as the GICC revises the NC OneMap vision, he suggested that specific language should be added in support of federal efforts. Anne said the grant application was well written.

Seamless Parcels – Tom Morgan

Tom Morgan said that Julia Harrell submitted the draft statement of work to the US Environmental Protection Agency (EPA) for the Exchange Network grant. Julia said if the EPA approves, the development team could start in February.

NC Board on Geographic Names – Dr. Tyrel Moore

Dr. Tyrel Moore said there are several recent petitions for naming or renaming geographic features. One naming request from Kinston includes the names for three Boy Scout Camps and four more name reservations for future camps. Another naming request is from a Park Ranger in Sapphire who wants to name a waterfall based on the winning entry from a children's contest. A third naming request involves the New River Conservancy that wishes to name an unnamed stream to honor a local conservationist. An older issue, the renaming of Moody Lake to Whitehall Lake is back on the table with a petition going forward to the US Board on Geographic Names. Dr. Moore said he has talked to Dr. Wayne Walcott and Dr. Neal Lineback about this issue. He said there is a white paper coming from Joe Sewash and Cam McNutt on stream naming.

Imagery and Orthophoto – Gary Thompson

The workgroup will continue to support FMP and CGIA in the statewide orthophoto project.

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The NAIP CIR whitepaper will be completed by the next SMAC meeting. Gary spoke with ASPRS and their feeling is that an oblique standard is not needed. Gary will continue to look at this and discuss further with ASPRS.

Tom Morgan reported the ortho naming scheme has been finalized. It expands the one currently used by FMP for LiDAR. The filenames are about 30 characters long.

Stream Mapping Advisory Committee – Joe Sewash

David Arnold is the new NHD technical contact in Rolla, MO. The Lenoir Co. pilot project QBS will be posted next week. The selected contractor will create “local resolution” NHD for the pilot area.

Joe Sewash said he has a draft whitepaper of the differing names issue. The paper will be submitted to Dr. Tyrel Moore, NCBGN chair, for comment.

There are minor attribute issues affecting NC relative to WBD maintenance.

The FGDC Wetlands standard was discussed at the November and December Stream Mapping Advisory Committee Meetings. Stakeholders in North Carolina have developed a field procedure known as the NC Wetlands Assessment Model (NCWAM); the field procedure directly addresses wetlands classification, but does not address a geospatial representation of data content or structure. The Stream Mapping Advisory Committee will work with this stakeholder community to develop a recommended standard.

The Stream Mapping Advisory Committee is tracking the progress on US topographic production. North Carolina is scheduled for production in Spring 2010. National Hydrography Dataset (NHD) will be the source for hydrography on these products. No states have gone through the US topographic production process that maintains local resolution NHD data.

There are potential cartographic generalization and content issues in comparing downloads from the NHD database and the extracted hydrography layer from the GeoPDF distribution version of the US topographic product.

Regular Status Updates

National Geospatial Program Office - Steve Strader

NC will be the first to have its local resolution NHD hydrography used for topographic map production. This year the National Geospatial Technical Operations Center (NGTOC) will produce 18,000 topo maps. Maps with errors will be discarded and moved to the back for the production line – produced again after 3 years.

Floodplain Mapping Program – Hope Morgan

John Dorman reported for Hope. John mentioned that the SMAC needs to come up with an approach on how to stay on the USGS radar for ortho cost-sharing. There will be no cost-share money available this year because of the statewide ortho project. Tim Johnson added that a business plan for orthos is needed. Steve Strader mentioned that with Imagery For The Nation (IFTN) states can buy-up for higher resolution orthos. He also said that NGA urban areas money will be available for flying the Raleigh area in 2012. Charlotte is also a possibility.

Contracts for 2010 flood maps have been procured. Mapping will be from Wake County eastward. There is a desire to move away from paper maps.

Building footprints for 50 counties have been delivered. The other 50 counties are expected by May. Conflation with county parcel data is expected to be complete by December. Also being collected are 1st floor elevations. FMP will look at making this part of the parcel conflation. FMP would like to perform a sea-level risk analysis to examine infrastructure impacted.

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NC OneMap – David Giordano

Since the last 10/14 SMAC meeting new data releases are Vance 2009 local imagery, statewide Geology, Natural Heritage Element Occurrences, Significant Natural Heritage Areas, and WRC Gamelands. Releases to come are Law Enforcement locations and Correctional Institutions locations – both a product of NGA HSIP data coordination.

GeoMAPP – Kelly Eubank

Anne Payne and Joe Sewash are going to the South Carolina GIS conference to talk about data sharing and GeoMAPP.

Statewide Digital Orthophoto Project – Tim Johnson

All contracts have been signed. CGIA will submit an IT plan for the project. Flight line information is due this Friday and firms should start flying January 20, with 14 planes available. Hope Morgan is calling military bases and seeking permission so planes can fly over them.

New Business

Action Item Review

Adjourn

Running List of SMAC Action Items					
Number	Mtg. Date	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.	Closed	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.	Closed	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.	Closed	Jason Mann	LGC appointed Amy Durden, Elizabeth City GIS Coordinator.
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. Present whitepaper at January 13, 2010 SMAC mtg.	Open	Stream Mapping/Joe Sewash	Related to #16.
9	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	
10	4/8/2009	Tim Johnson to discuss with Billy Willis how 911 Board funding can be spent.	Closed	Tim Johnson	
11	4/8/2009	Chad Ives to gauge LGC interest in CIR imagery.	Closed	Chad Ives	Interested in CIR if no cost to counties.
12	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	Related to #15.
13	7/8/2009	Tim Johnson to ask GICC Chair if Council should officially endorse NCBGN charter or just have it presented as informational.	Closed	Tim Johnson	GICC approved NCBGN charter.
14	7/8/2009	Gary to present NAIP CIR issue paper at January 13, 2010 SMAC meeting.	Open	Imagery and Orthophoto/Gary Thompson	
15	7/8/2009	Gary to report on standards for oblique imagery at January 13, 2010 SMAC meeting.	Open	Gary Thompson	Related to #12.
16	7/8/2009	Joe Sewash to present differing names issue paper at January 13, 2010 SMAC meeting.	Open	Joe Sewash	Related to #8.
17	10/14/2009	LGC to consider strategy for collection of municipal and county boundaries for Department of Revenue request.	Open	Chad Ives/James Armstrong	