

Attendees: Anne Payne (Chair) – Wake County GIS, Tim Johnson - CGIA, Jeff Brown - CGIA, Dr. Tyrel Moore – UNC-Charlotte, John Lay - GTM, Sean McGuire - DCM, John Farley – DOT/GIS, Lisa Speaker - DCR, Kristian Forslin – NC Railroad Company, Alice Wilson – City of New Bern, Gary Thompson – DENR/Geodetic Survey, Mike Mull – Town of Cary, Tom McKay – Vance County GIS, Ric Cruz – DOT/NC Rail, Larry Sanders – DOT/NC Rail, Ken Turrentine – DOT/NC Rail, David Giordano - CGIA, Chris Tilley (phone) – DOT/GIS, James Armstrong – Richmond County, Steve Strader (phone) - NGPO, Julia Harrell (phone) – DENR GIS, Alex Rickard (phone) – Eastern Carolina Council

Welcome/Introductions – Anne Payne, Chair

Minutes from the 1/12/11 SMAC meeting were approved.

NC Geographic Information Coordinating Council

Council Update – Tim Johnson

The last GICC meeting took place on February 9, 2011, where the committee received a presentation from Jane Patterson (e-NC Authority), on NC broadband mapping.

The GICC discussed and identified the following action items for the Council and staff:

1. The Management and Operations Committee will prepare a proposal to establish a formal governance structure for NC OneMap – The Management and Operations Committee will discuss this at their Monday 4/18 meeting, and will be finalized by the May 11 GICC meeting.
2. Staff will distribute information on the availability of the color infrared (CIR) data through listserve announcements, the orthoimagery project website and at the meetings which the orthoimagery will be delivered.
3. The Geospatial and Technology Management Office (GTM) and the orthoimagery project team will finalize the five technical papers and provide them to Council staff for distribution to Council members and on the website – The technical papers are in review.
4. Staff will develop a plan for disseminating information on activities by members of the statewide GIS community – This is part of a larger Communications Plan, which will be ready in time for the May 11 GICC meeting.

State Government Users Committee – Hope Morgan/Sean McGuire

The SGUC executive committee is discussing a technical architecture for statewide GIS. The idea is to develop an architectural standard, already approved by ITS, that agencies can follow so the approval process can take less time.

Local Government Committee – Alice Wilson/James Armstrong

The group discussed the concept of regional GIS websites, to assist those local governments that don't have the time or expertise to develop a site on their own. There are some available now. Alice asked how NC OneMap can support this.

Alice asked if the SMAC can initiate dialog and take a role in the LUCA program with the Census. Tim mentioned that CGIA and the e-NC are about to sign an agreement to update the Master Address dataset from 2009. Anne asked that a small group be established to develop a recommended approach. The team will consist of Alex Rickard, Tom Morgan, and representation from CGIA and possibly the LGC. John mentioned to keep the NC DMV in mind, and their requirements. The next LGC meeting will be June 1st.

The LGC appointed Chris Kolytk and Jerry Simmons to the Working Group for Orthophotography Planning.

Federal Interagency Committee – Steve Strader

The FIC last met at the NC GIS Conference in February. The next meeting will be April 28th at the National Climatic Data Center in Asheville.

Work Groups

Roads and Transportation – Chris Tilley/Alex Rickard

Alex reported the estimate for the translator tool was received from the EPA contractor, CGI. The estimate is over the amount budgeted. The committee will ask EPA to ask CGI for more adequate documentation on cost breakdowns by functional item. When the information is supplied the WGRT will convene. The original meeting, April 20th, will probably need to be rescheduled to allow time for CGI to respond. A contingency plan will be developed in case the CGI proposal reaches an impasse. A 12-month extension was granted by FGDC.

Working Group for Seamless Parcels – Pam Carver/Tom Morgan

Julia reported for the WGSP. The report reiterates the status of the CGI estimate, and is included in the WGRT report above.

NC Board on Geographic Names – Dr. Tyrel Moore

Dr. Moore reported on the following items:

1. A request to change a stream name in Knightdale from “Mango Creek” to “Mingo Creek.”
2. A request to Iredell County to name a local “Bailey Hills.”
3. Two requests in Brunswick County to rename “Little Saucepan Creek” to “Saucepan Creek” and “Jennies Branch” to “Jinnys Branch.”

These items will be reviewed by the NCBGN at their next meeting. They will be forwarded to the SMAC for approval at the July meeting. In addition, the following are in progress:

1. A preliminary request from the Cabarrus Soil and Water Conservation District to rename several streams in the county.
2. A request to name an unnamed stream to Bristol Creek in Raleigh, by the developers of Bristol Creek apartment complex. The proposal is incomplete at this time.
3. The naming of an unnamed stream to Windrow Branch in Union and Mecklenburg counties.
4. Preliminary discussion of a request to rename Elkin River/Elkin Creek to Big Elkin Creek in Surry County.

The full report can be found in the April 13th SMAC handouts at http://www.ncgicc.org/Portals/3/documents/smac_minutes_041311.pdf.

Orthophotography Planning – Gary Thompson

The committee met last Monday when they discussed the statewide orthophotography project, the ortho business plan, and the CIR issue paper. The issue paper will be given to the SMAC by the end of this week.

Gary reported that NSRS 2007, required for North Carolina projects, is not supported in the software from GIS vendors. He requested a letter be drafted from the GICC Chair, Dr. Lee Mandell, to the National Geodetic Survey asking them to supply a transformation model for NSRS 2007 to the vendors.

Regular Status Updates

National Geospatial Programs Office – Steve Strader

Work progresses towards a National Elevation Assessment survey. All 50 states will be surveyed. Gary Thompson will coordinate the effort for NC.

Floodplain Mapping Program – Hope Morgan

John Lay attended for Hope. Building footprints have been delivered to all 100 counties. GTM has received feedback from 3 so far. Alice, speaking as a local government representative, said the data needs metadata so end-users know what quality measurements were in place, sources, etc. John agreed and said what was delivered to counties was a work in progress. Anne indicated Wake County is doing some quality control on the data. John said he welcomes their feedback and would like to know what the county thinks about the product.

NC OneMap – David Giordano

Updates since the last SMAC meeting include:

1. DOT county boundaries (with shoreline)
2. DOT county boundaries (without shoreline)
3. Natural Heritage Element Occurrences
4. Significant Natural Heritage Areas
5. Shellfish Growing Areas

During the third week of May, Esri will be at CGIA to install and customize Geoportal Server for NC OneMap. This will allow for several new features and enhancements to search and discover geospatial data – for the statewide orthophoto project at the outset and for NC OneMap data later this year.

GeoMAPP – Kelly Eubank

Lisa Speaker attended for Kelly. The GeoMAPP project added two new partners – Montana and Missouri. In addition there are three new informational partners. They are Arizona, Kansas, and Mississippi. The next meeting will be held in June in Montana.

The group recently has produced informational papers on metadata, and another on file formats. GeoMAPP will be presenting at the Esri User Conference and will also host a Special Interest Group there.

Statewide Digital Orthophoto Project – Tim Johnson

Tim reported the final data delivery to counties will be April 28th. The imagery will be available for download and as imagery services by the end of May.

Standards Review

Water/Sewer Utilities Mapping – James Armstrong

James mentioned the LGC approved the standard at its last meeting. He will add some documentation with the intention of seeking GICC for adoption as soon as the SMAC approves. Anne will ask the Standards Working Group to look at it to be sure it includes all expected items for a standard.

Action Item: Standards Working Group to examine and discuss revised Water/Sewer standard.

Standards Working Group – Anne Payne

This newly formed WG will clarify the elements of a standard to guide development of standards, look at specific standards in-depth and make recommendations to the SMAC. They will also determine if existing GICC standards need to be updated. This group includes Tom Morgan (Chair), Kelly Eubank, Steve Strader, John Farley, James Armstrong, and David Giordano.

New Business

Railroad Layer – Jeff Brown/Kristian Forslin

Jeff and Kristian brought up the idea of a coordinated update and maintenance plan for the statewide railroad layer. Rail is one of the top 20 NC OneMap layers according to an analysis last year. The rail layer currently on NC OneMap is out of date and inadequate for GIS applications. In the current coordination structure, the WGRT is the logical group to develop an approach to handle railroads.

Chris Tilley mentioned his most important issue is data custodianship. Who will keep the data up to date (geometry and attributes)? John Farley said that there is not a real business driver to maintain a digital rail dataset. He added the state has accurate geometry in draft form, but attributes are lacking. Anne asked the WGRT to explore the business needs of a current and maintained digital rail dataset. The assignment to this committee is appropriate since Chris Tilley is a WGRT committee co-chair and in the NCDOT-GIS Unit.

Action Item: WGRT to discuss the business needs of a current and maintained statewide rail data layer.

SMAC Bylaws – Anne Payne

Anne said CGIA is updating all the committee bylaws to provide consistency between them. The only substantial change to the SMAC bylaws is the addition of a FIC representative to sit on the SMAC. The committee will need to approve the bylaws, via email, before its next meeting. Anne will email the draft bylaws to the committee members.

Meeting Task Review and Workplan Action Items

Meeting Tasks

Number	Mtg. Date	Action	Status	Person	Comment
2009.1.1	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 2010 SMAC mtg.	Open	Stream Mapping/Joe Sewash	
2009.1.2	1/7/2009	In a whitepaper, Stream Mapping to discuss and determine best course of action for watershed boundary maintenance. Present at January 2010 SMAC mtg.	Open	Stream Mapping/Joe Sewash	
2009.7.1	7/8/2009	Gary to present NAIP CIR issue paper at April 2011 SMAC meeting.	Open	Imagery and Orthophoto/Gary Thompson	
2009.7.2	7/8/2009	Joe Sewash to present differing names issue paper at January 2010 SMAC meeting.	Open	Stream Mapping/Joe Sewash	
2010.7.2	7/14/2010	Utilities Mapping committee to discuss idea of topology in the revised water/sewer content standard.	Open	James Armstrong	
2011.1.1	1/12/2011	Anne and SMAC staff to determine how to move forward with Water/Sewer standard update.	Open	Anne Payne/SMAC staff	

Workplan Action Items

Objective number and task number	Lead Member	Date Initiated	End Date	Status
1.1. Prepare annual report to GICC	Anne Payne	7/1/2010	Fall 2010	
*2.1. Complete seamless parcels grant project (WGSP)	Tom Morgan			EPA contractor pending
*2.2. Complete roads and transportation grant project (WGRT)	Alex Rickard and Chris Tilley			CAP grant awarded
2.3. Stream mapping in ILT pilot begins (STRMP)	Joe Sewash			Contractor pending
2.4. Review geospatial archiving issues in the GeoMAPP project	Anne Payne			ongoing
2.5. Complete an issue paper on horizontal datum conversion	Gary Thompson	7/1/10	10/13/10	Draft
*3. 1. Complete a business plan for statewide orthoimagery in the context of the 2010 project and lessons learned (WGOP)	Gary Thompson	3/8/10	11/10/10	In process
3.2. Complete an issue paper describing uses and benefits of color infrared imagery	Gary Thompson		11/10/10	In process
3.3. Proposal for partnership agreement for NHD (CGIA and USGS)	Joe Sewash and Steve Strader			In process
*4.1.1. Provide technical advice to the statewide orthoimagery project 2010 (WGOP)	Gary Thompson	7/1/09		Ongoing through 6/28/11
4.2. Review federal wetlands standard	Joe Sewash			
4.3. Develop a recommendation to the GICC for consideration of the US Thoroughfare, Landmark, and Postal Address Data Standard (FGDC) as an NC standard	Anne Payne and Steve Averett		6/30/11	Review of FGDC standard completed
4.4. Review requests for geographic names and changes in names and advise the SMAC (Board on Geographic Names)	Dr. Tyrel Moore			ongoing
4.5. Issue paper on differing names in hydrography	Joe Sewash, Cam McNutt			Draft
4.6. 1. Complete review and revision of the NC standard for public water and sewer mapping	James Armstrong		11/10/10	In process
4.6.2. Develop a recommendation to revise the NC standard for public water and sewer mapping	Anne Payne		2/9/11	
4.7. Work with the M&O and the	Anne Payne			ongoing

Objective number and task number	Lead Member	Date Initiated	End Date	Status
TAC on the NC OneMap refresh project.				
4.8. Complete Standards Guidelines document	Anne Payne	7/1/10	10/13/10	Draft
4.9. Draft a schedule for review of existing GICC standards	Anne Payne		10/13/10	
4.10. Review data specifications from the WGSP and WGRT projects and determine applicability to potential revision of GICC standards for transportation and cadastral content.	Tom Morgan and Alex Rickard			
*4.11. Report to GICC	Anne Payne	8/11/10		Report quarterly