

Geographic Information Coordinating Council
NC ONEMAP GOVERNANCE COMMITTEE

September 15, 2014

2:00 to 3:00 PM

OITS

MINUTES

Chair Stan Duncan welcomed Bob Brinson, Dan Madding, John Farley, Chris Nida (for Ryan Draughn), David Giordano, Brett Spivey, and Jeff Brown, and on the phone, Bob Wayland

1. Minutes of the August 11 meeting were approved as submitted.

2. Current Status of NC OneMap Program

Brett Spivey reported that the spike in NC OneMap traffic in July to 80,000 visits decreased to about 52,000 in August, still above the average of 40,000 per month in the last fiscal year. The use of imagery in the VOICE application is a likely contributor to the level of visits in July and August. Visual quality review will continue through October.

Keeping the servers in the Western and Eastern Data Centers in sync for backup and switching if necessary takes attention as server and software upgrades occur.

The team continues to work on high level conceptual designs for integrating NC OneMap websites. Brett attended the NC ArcGIS User Conference last week and had opportunities to discuss the latest technology with Esri staff. Brett and David will have a follow up call to Esri about its open data solution to consider if it may be part of a new design. John Farley recommended talking to Mary Ellen Perko at NCDOT GIS who has been working with the open data solution. Brett is also interested in the optimizer and statistical package expected to be released by Esri late this year.

Forthcoming version 13 of ArcGIS Server will include functionality for reporting metrics that will help inform the committee.

Since the committee meeting on August 11, NC OneMap has released an updated dataset for hospitals from DHHS, there is a new web service from the Historic Preservation Office (used in the agency's map viewer), and there were updates from DENR Waste Management Division. [Note: an update to other medical facilities will be in a second dataset, coming soon.] Jeff commented that historic sites and districts look complete with a few missing items noted in the documentation by county (the dataset classes include National Register, Study List, Determined Eligible, Local Landmarks and Districts, and Surveyed Only). It is not clear what percent of sites and districts are mapped. Local ordinances are specific and require a survey. John Farley commented that ILT is interested in this dataset.

Concerning maintenance of NC OneMap datasets, contacts for source agencies are contained in the metadata records. CGIA does not maintain a separate list. David is the contact for receiving data updates.

Concerning the earlier discussion of critical datasets for full back up and failover capability, John expects the working group on consolidation to help distinguish those datasets in the analysis of priority datasets, owners, and requirements.

Regarding infrastructure, Brett clarified that if the server(s) in the Eastern Data Center were to go down, an OITS staff person would need to intervene to switch to the identical server(s) in the Western Data Center. The process is not automated. To achieve automated failover, OITS would need hardware in front of each data center that would enable failover and provide load balancing that would take advantage of the investment in non-emergency situations.

John continued by describing an emergency scenario where the network is impaired and decision makers from multiple state agencies are working in the Joint Forces Center. There is a rationale for storing a set of critical GIS datasets at the Joint Forces Center to support decision making during the event. Managing an event requires core datasets along with datasets developed during an event.

Dan inquired about the NC OneMap Database (ArcSDE) and access to it from other agencies. Constraints on architecture prevent outside access to a database. A geodata service may be an option.

3. Website Content [Brett, David]

Jeff has modified the draft surveys for the Council and NC OneMap websites (survey monkey) based on comments from this committee last month. Jeff will review the NC OneMap survey with Brett and David once more before finalizing and releasing.

4. NC OneMap Communication/Outreach Opportunities/Stories

Stan emphasized the value of quotes in the GICC Annual Report and urged the group to seek more. John suggested a quote from Annie Neale of US EPA EnviroAtlas team who had some compliments for NC and NC OneMap. Jeff will follow up. David forwarded a quote from a user from TomTom to Stan.

Jeff will present at the Property Mappers Conference in October and the NC Association of Assessing Officers conference in November. Jeff secured a spot for David and Brett on the agenda for NCLGISA in November.

Stan described a dilemma: the public uses maps and sees maps as pretty pictures and may miss the connection to complete, current, consistent, reliable data that make the maps meaningful. How geospatial data impacts lives is not well explained or understood in general. John added that the State Transportation Investment (STI) has achieved good public understanding, and it relies on GIS to score projects for strategic investment.

Bob Brinson suggested describing some small, common business cases. People are using map-based applications on phones; making the connection to business cases can be effective. John offered the example of LiDAR and improved elevation data leading to lower flood insurance

costs for many property owners on the coast. Better technology and more accurate data translated to cost savings.

7. Policy Issues from Group

None additional.

8. Future Meetings

October 20

November 17

December 15

The meeting adjourned at 2:35 PM.