FINAL MINUTES OF THE
MISSISSIPPI COORDINATING COUNCIL FOR
REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEMS

June 25, 2013

PRESENT

Robert Latham, Jr., Chairman, Mississippi Emergency Management Agency
Craig Orgeron, Vice Chair, Mississippi Department of Information Technology Services
Keith Harkins, Mississippi Department of Environmental Quality
Ray Barksdale (for Melinda McGrath), Mississippi Department of Transportation
Jack Moody (for Brent Christensen), Mississippi Development Authority
Gerald McWhorter (for Delbert Hosemann), Mississippi Secretary of State
Buck Buchanan (for Charlie W. Morgan), Mississippi Forestry Commission
Mike Wright for Rick Ericksen, Mississippi State Board of Registered Professional Geologists
Jim Steil, Institutions of Higher Learning/MARIS
Richard Tolbert, Mississippi Association of Professional Surveyors
Chuck Carr, Central Mississippi Planning and Development District
Derrick Surrette, Mississippi Association of Supervisors

ABSENT

Gene McGee, Mayor, City of Ridgeland
Tony Fleming, Clarke County Board of Supervisors
Tommy Moffatt, Senator, Mississippi State Senate
Quincy Mukoro (for Shari T. Veazey), Mississippi Municipal League
Jeff Mullins, Mississippi Tax Assessors/Collectors Association
Scott DeLano, Representative, Mississippi House of Representatives

Robert Latham called the meeting to order and welcomed those present. Since a quorum was present, Robert Latham asked for a motion to approve the amended Council meeting minutes for April 23, 2013. The motion was made and seconded. The minutes were approved.

GIS Portal/Clearinghouse Updates - Gary Hennington provided an update on the activities of the Clearinghouse. The most recent updated data was the orthoimagery from the MS Delta LiDAR project. During the time from December to May there have been 31,000 visits to the MGC with an average visit time of 4 minutes. There have been 3,700 pre-packaged downloads. Server consolidation is on course to be completed by the end of the current fiscal year which will provide for additional cost savings. The Clearinghouse has been upgraded to ArcGIS version 10.1 software providing additional capabilities. The new viewer will also be upgraded to JavaScript so that its services can be used on a wider variety of mobile devices.

Clearinghouse FY 2014 Costs - Debra Brown with MITS reported on the expenditures accrued by ITS for maintaining and supporting the sustainment of the Clearinghouse. Among the unfunded costs involved are; server, databases storage support, and data loading. She also advised that several cost saving measures had been implemented so that the Clearinghouse could operate as fiscally efficient as possible. The new interface has been a crucial aspect of lowering costs. Reduction in software licensing costs has also been helpful. Server and data consolidation has taken place. An administrative restructuring allows the Mississippi Geospatial Clearinghouse [MGC] to be treated as all the other ITS hosted applications. With all of these cost saving measures in place and others, the estimated FY14cost of operation for the current configuration of the MGC is ~$181,383. There was a general consensus that the issue of supporting the cost of operating the Clearinghouse needed to be pursued to fulfill the legislative mission of the Council.

MDEM - Stephen Champlin with MDEQ updated the council on MDEM activities. Concerning Orthoimagery, provided LiDAR for DEMs to process 7 of 13 counties in the 2013 project. It is expected that LiDAR will be provided for DEMs for 16 of the 20 counties in the current 2014 project. The Lower Mississippi, Upper Big Black and Upper Pearl have been incorporated into the NHD. USGS is currently in the process of incorporating the Coldwater basin. 60 of 82 counties are complete or nearing completion of named road centerlines. Currently 65% of the state has LiDAR coverage. 2014 USGS-NRCS proposal will increase this percentage due to the addition of LiDAR data for all or the majority of 9 counties and the remaining areas of 2 additional counties.

Council Coordinator's Report - Joel Yelverton was absent, attending the Mississippi Assessors and Collectors Convention on the MS Gulf Coast. Mark Sanders, MEMA GIS Coordinator reported for Joel. He reported on the two meetings that had been held both in Jackson and Starkville. He advised that in Starkville there was a lot of interest conveyed by the locals. They seemed to be really excited about the Ortho Project. He also reported that the Starkville Daily News wrote a really nice article about the meeting held there. The project is moving along extremely well.

Census Draft MOU (Update) - Jim Steil with MARIS reported that the Census Draft MOU had been forwarded to MEMA legal counsel for review.

National States Geographic Information Council (NSGIC) - Jim Steil reported that MEMA and MARIS are partnering this year to provide a *Council-level membership* to NSGIC. This allows all interested parties to participate in NSGIC this year as part of their participation in Council activities. NSGIC began in 1991 as an organization of states in the form of a forum for the exchange of information to advance statewide GIS coordination. Mississippi has been a charter member and annual participant. It was noted that many of our Council's precepts were based on criteria developed by NSGIC. Council members who had attended previous NSGIC meetings attested to the benefits of participation. The 2014 annual meeting will be in Kansas City, on October 27-31. Anyone wishing to learn more was encouraged to contact Mark Sanders or Jim Steil.

Mobile Data Collection Tool - Mike Cresap of MDOT presented on a new tool being used by MDOT for collecting field data related to Storm Water inspection of all road projects. The tool is based on JAVA & XML making it very flexible. New regulations have MDOT working with locally maintained roads now in addition to federally and state maintained. Access to this new tool is being offered to locals and others with an interest as well. The new linear referencing system being used by MDOT can also support traditional addressing schemes. MDOT offered to explore the possibility of storing such local address data in their system.

TUG - Talbot Brooks - Technical User Group Chair, responded to a request from last meeting to give a brief overview of some of the trends and new technical capabilities of GIS.

- GIS councils of today are no longer focused on just data collection and contracting. Much of the effort today is towards gathering data *across* government and enabling data discovery. More collaboration is being emphasized between organizations not just PCs.
- Workforce trends are moving towards a necessary blending of geospatial and IT fields.
- Legal implications are of increasing importance and consequence for and 'personally identifiable' elements of GIS data. The number of sensors everywhere constantly collecting data have complicated this aspect even further.
- Social Media is recognized as an important, growing data source and potentially powerful tool with a need to distinguish this new data type from "official" data in a meaningful and reliable process.
- Augmented Reality will become an important aspect of geospatial activities

Doss Dingli of Radiance Technologies gave a brief presentation on social media as a data collection tool for GIS. Open Street Map, Wikimapia, Ushahidi, ArcGIS Online and Google sketch-up are all examples of social media in GIS. Of the 250-300M tweets per day, ~1% are spatial

Gary Hennington of the Geospatial Group gave a quick primer on 'Big' data. With a relevant example he demonstrated that doubling the image resolution, from 2 foot to 1 foot for example, actually quadruples the required storage.

Mr. Brooks closed with a brief overview of how the TUG would move forward building on the strategic plan.

- Work with steward of each layer
- Identify all existing standards
- Who uses the layer?
- Increase ROI
- Identify other products and derivatives of the layer
- Develop best practices
- Compile all of these activities into a situational report

Mr. Brooks requested that everyone present encourage engagement of their GIS people in this process.

Other Business - The National Agricultural Imagery Program (NAIP) data for 2012 is available at MARIS both as a download and as a service. The 1 meter resolution, leaf-on data is insufficient for tax mapping, but is very recent and is also available in color infra-red (CIR)

Motion to Adjourn