**MSGIC Executive Committee Meeting Minutes**
**December 19, 2012**
**9a.m. – 12p.m.**
**Heritage Complex Building, Annapolis, MD**

**Attendees:**
Jim Cannistra, MDP (Chair)
Mark Helmken, CGIS (Chair-Elect)
Michael Scott, ESRGC/Salisbury University (Past-Chair)
Julia Fischer, DoIT (Secretary)
Doug Reedy, Frederick County Government (Treasurer)
Lauren McDermott, ESRGC/Salisbury University (Education Subcommittee Chair)
Shawn Wampler, City of Annapolis (Local Government Caucus Chair)
Sandi Stroud, BMC (Regional Caucus Chair)
Roger Barlow, USGS (Federal Government Caucus Chair)
Marshall Stevenson, KCI Technologies, Inc. (Private Caucus Chair)
Jaime Alvarez, CCBC (Education Caucus Chair)
Barney Krucoff, DoIT (GIO)

Patrick McLoughlin, Spatial System Associates, Inc.
Russell Provost, ESRGC/State of Maryland Addressing Coordinator (Starting January 2013)
Ed Starr, Pictometry
Matt Webb, Anne Arundel County Government

**On Phone Attendees:**
Patrick Callahan, Prince George's County Government (Data and Resources Subcommittee Chair)
Jenn Chadwick-Moore, MHT (State Government Caucus Chair)

**Open Meeting – Jim Cannistra**
Overview of Agenda

**Announcements**
Highlights from CMUG
- Sessions well attended, smaller rooms, but well attended
- Only had 4 presentations going on simultaneously
- Good setup in the venue
- Barney participated in the lunch GIO briefing concerning Hurricane Sandy response
- 300+ people were supposed to have been in attendance

Hiring of Address Coordinator
- Russell Provost heading up pulling together statewide address point file

- Coming from University of Florida GeoPlan Center, lives in Annapolis, MD
- Managing 911 addressing systems
- Official start date: January 2, 2013
- Pencil in updates from Russell for this meeting into the future
- Drew Van Dopp, Mary Creamer, Barney Krucoff, Kenny Miller, Jim Cannistra, Mike Scott – thanks for participating on the hiring committee
- Lauren McDermott – Search Committee

**GIO Briefing & Office Updates – Barney Krucoff**

GIO Hiring Status
- Interviewed a number of people yesterday
- One position to have offers out soon
- Other position closed or closing soon
- Very good candidates were received and interviewed

Hurricane "Sandy" Emergency Response Activities
- Barney has been conducting a lot of Hurricane Sandy talks
- ESRGC, January 2, 2013, attached to the MACO conference
    o Get feedback from the Eastern Shore counties as to whether they used the resources which were made available
    o Get feedback on how they should be modified for the future
- Generally, the information coming from the state was appreciated, but was not needed as much as expected
- Will have a centralized call with state and local reps when the next major weather event is pending
    o In addition to the emails which were previous used for communication
    o Will continue to improve the email list being used to keep people informed
- Continuing to work on adding and maintaining specific datasets
    o Road closures added during Hurricane Sandy, specific for Garrett County
    o No real process to get this information into the system and shared automatically
    o Will continue to work on this in the future
- Request presentation that was shared during the FEMA Region 3 debrief which was prepared and shared by Barney Krucoff – redistribute to the rest of the Executive Committee
    o Tie in with the various OSPREY applications and the other imagery resources which were available
    o Shows how much work was done and how much data was made available
- Eastern Shore has indicated that they would not be prepared to conduct significant analysis to support damage assessment because data had been not prepared prior to an event
    o Examples of other areas which have been impacted by hurricanes in the past have learned from not being prepared and have changed their efforts to be prepared in advance
    o Now might be the time to have the conversation concerning getting together what we have
    o Assists with clearly proving what is lost during an emergency event
    o Specifically infrastructure: building footprints, last date of assessment, oblique imagery, address points
        ▪ Can see what used to be there based on new imagery which is collected and distributed

- Preparing for a disaster, but also preparing to prove to FEMA what was there before, so relief can be obtained from the Federal government
- A lot that could be done to prepare, but this might be the time to get those who have been resistance to taking time and effort to prepare this information and show them the value of having this information available in advance
- After action assessment report will be conducted by MDP
  - Jim Cannistra can make sure that these thoughts/comments get into this report
- Never done a table top exercise of damage assessment

**Question**: What is the window of time?
- Generally weeks, but nothing is guaranteed, and the magnitude of the event will also determine this, legislation is put in to set aside the appropriate amount of funding support

- Planning report on the recovery portion of the event efforts

Other Activities
- Situational Awareness Committee expected to be put together to get state and locals discussing the various systems which are being implemented, real time data
- Anticipate a memo from the Chief of Staff to state agencies to solicit participation
- Meeting anticipated in January 2013
- Maryland Recovery Authority is something else that the State has been thinking about setting up
  - A shell agency, which would require legislation and a few years to setup
  - Activated for a recovery, focus making sure money is being spent appropriately
  - Setup ahead of time it is less likely to be manipulated by the politics of a particular event
- Adjusted base flood elevation was just issued for New Jersey
  - Resets the height that structures must be built based on FEMA flood insurance standards
  - This is a key date, the date when this new elevation is released, dictates start of rebuilding

**Federal Activities & Discussion of LiDAR – Strategic Priorities – Roger Barlow**
Review LiDAR Status Spreadsheet – available from email
- LiDAR priorities to be discussed
- High level understanding of state situation of vintage of LiDAR data
- The newer, the better based on quality and density of the data
- Know what areas are foremost in people's minds to prioritize acquisition plan for when funding becomes available
  - Federal government interested in partnering in the future
- What level of detail do we need?, Is the past acquisition accurate?
  - 1 27$^{th}$ arc second capable of 1 foot contours is now the second tier standard
  - Do we need to move to this more detailed standard or a hybrid of both?
- Strategic plan approach which would be best discussed for archiving existing resources
- Should this be discussed here or within a small committee?
- Plans to fly areas 2013
  - No, FEMA Region 3 made cuts

- o FEMA flood mapping meeting to be held in Catonsville at end of January
- New Jersey meetings flood inundation mapping has been discussed multiple times in New Jersey
  - o Stream segments have been piloted to show impact based on slider bars
  - o Key piece of information is information from stream gauges
    - ▪ Have to be upstream to get this type of mapping done
- FEMA, USGS, Weather Service coordinate to get these efforts completed and coordinated
- Queen Anne's County in discussion with Axis Geospatial to fly LiDAR this spring
  - o 5 points per meter
  - o Want to send existing specs from the State and USGS to determine how data should be delivered
  - o Will probably know information at next meeting
- Cecil County requested LiDAR funding from Numbers Board at a recent meeting and it was rejected

Follow-up re: UMD Forest canopy collection project
- Jim Cannistra has followed up with this group
  - o Appreciated Prince George's, Talbot and Baltimore county recommendations
- Haven't finalized which county to use in pilot yet and expect to get back to us after the first of the year

Prince George's County photogrammetric project
- Proposals have been submitted for new LiDAR acquisition, Ortho imagery production, updated planimetrics and topographic data
- Park and Planning moved forward with this proposal submission
- All of the outreach we have done, they continued to go their own way
- Suggest MSGIC and GIO Office talk with Park and Planning about sharing data before flight is flown to make sure data will be available
  - o USGS/FEMA/NGA/NRCS has contributed to $300,000+ to fly and collect LiDAR acquisition last year and want to make sure Prince George's County doesn't do what they did last time
- Asfaw Fanta and Dale Hutchison – invite to a meeting, getting benefit from data sharing across the state and it is only appropriate that they share this information with the rest of the group
  - o Don't believe that the LiDAR data is providing enough economic benefit to not distribute this data
- Went to County Council to pay for updates by charging for data
  - o Legislative requirement that they still need to charge for data
  - o Haven't found the documents to support this claim, but still stand by this model
    - ▪ Trying to be self-sustaining
- This one dataset we want to make sure gets into the public domain
  - o Particularly want this dataset to get to USGS which further distributes

**Question:** Setup a meeting how?
- Patrick Callahan to set something up at PG and include Barney Krucoff and Jim Cannistra from the State side and can include Roger Barlow as needed
- Setup sometime within the first 2 weeks of January
- Discussion for meeting includes:
  - o Indicating awareness of RFP and talk about the project and the plan for the LiDAR data

- Sharing even on a small scale needs to have particular specs so its useful for other projects and other analyses and data products using this data
- Need to find the legislation from the County Council that says Park and Planning can benefit from selling their data

DoD collected all of Montgomery County LiDAR except a sliver along Frederick County
- DNR should have the data including intensity returns, LAS file, etc.
- Huge rectangle which reaches beyond into Maryland North and Virginia South
- Also collected most of Prince George's County
- Can redistribute this data
- Contact Apollo Teng again because they are starting to think about areas to re-fly

Determine what is priority for FEMA Region 3 flights in the future
- Hope that Garrett is high on someone's list, there are many errors that were also found in Allegany
- Anticipate this is high on the list for FEMA Region 3
- Carroll County is in the same boat, minimally about to generate a DEM for the National Dataset
- Dorchester data has scan lines shown in the marsh areas – minimal error b/c of low lying areas – even just coastal areas collected along Eastern Shore high res LiDAR would be very valuable
- Dorchester Co has requirements and interest to Federal agencies b/c of Federal and State land in the county, but this hurts funding b/c there is little private land to assist with funding the effort
- Loss over time in property helps to fuel which counties go higher on the list

FGDC CAP Grants – January announcement/February submission

**MSGIC Reorganization as Non-Profit 501(c)3 Corporation – Doug Reedy/Sandi Stroud**
Recap
- New checking account to be established at Columbia Bank tomorrow
- Check of $390 dollars to be put in this new account
- Need $400 dollars for our user fee to the IRS to get letter of determination for 501 (c) 3 status
- Doug Reedy to make a donation to put us over $400
- Talk about MSS contributing some funding
    - They are ready to provide once we have sponsorship setup
    - They have the money set aside and ready to write a P.O.
    - ESRGC is also immediately ready to be a sponsor
- Need to get sponsorship approved so we have some formal documentation for the funding exchange

**Question:** Should we have a call for donations from individuals or hold off?
- Hold off for now

- Next Steps:
    - At this meeting we review sponsorship structure, benefits, etc.
    - Get approval at next Quarterly meeting referencing documentation

- o Revisit the plan again for dues tiers
  - o Send out survey to entire membership, after Quarterly meeting
  - o Take a vote and carry this initial membership dues payment through 18 months
  - o Executive Committee vote on in January
  - o Present at Quarterly and electronically vote shortly thereafter
- Give people 3 months to get dues into the group and covers through FY2014

Financial Institution Change
- Sponsorship structure & sponsor application form
  - o Provide some kind of receipt
  - o Benefits defined
  - o Consolidated sponsorship levels
  - o Comments or questions about structure of documents
    - ▪ Do we have the ability to process credit cards?
    - ▪ Need Letter of Determination from IRS to start PayPal account, can have swipe credit card on mobile device or via internet, but need to have PayPal account first
    - ▪ We can take checks at present
  - o Additional benefit of sponsorship: Opportunity to present at Quarterly meeting
    - ▪ Not to suggest that you must be a sponsor to present, but instead a sponsor is welcomed to present and provided a spot to present, need to limit the number of times each year
    - ▪ Can be a full blown presentations or a sponsor session where the organization can talk about their goods and services
    - ▪ Limit the number of slots that the sponsors have available for presenting at the meeting (2 out of 5 slots, for example)
    - ▪ Sponsorship could present during morning or afternoon which would allow for priority of the presentations – a morning slot is more advantageous than an afternoon slot
  - o Allow for sponsorship of an event, rather than an overarching sponsorship
    - ▪ $200 is for one meeting seems like a reasonable place to start, essentially advertising
  - o Change the title on the document? – "Registration Form"
  - o Address needs to be added to the document: Chris Slavin's Mail Stop

  **Action Item:** Send out email to the membership that Executive Committee adopted sponsorship document and say next meeting will discussion membership dues structure and vote for approval shortly thereafter – Jim Cannistra
  - o Get this information onto the website before email is sent

  - o Safe deposit box at Columbia Bank, Hanover branch
    - ▪ Paperwork available to set this up
    - ▪ Free for 1st year, $50 after that
    - ▪ State Archives might provide some services to State organizations
      - • Approach this organization for the long-term solution
      - • Tim Baker contact to start with for determining this information

**Action Item: C**ontact MSS once the form is finalized for sponsorship acceptance – Jim Cannistra

Approve sponsorship document, with changes
- Motion: Moved by Mark Helmken and seconded by Doug Reedy to approve the sponsorship document with changes of title, address and removal of credit card options for payment. **Motion Carried**

**MSGIC Quarterly Meeting/Workshops & TUgis Conference – Mark Helmken**
TUgis Update – abstracts due January 13, 2013
- Hold off on second call for papers until after Xmas
- Mark to follow up Virginia about papers
- Mailing issue brought up about bounced emails and was vetted and many of the bounces were confirmed those who are no longer working somewhere and the emails are inactive
- Pinged the Executive Committee and got positive response back of receipt
- Send plain text and request that if someone isn't getting the other emails to send back an email and let them know
- Constant Contact and similar companies help get emails white listed to allow the emails to get through to all recipients
- Some abstracts have been received, some vendors have registered and some people have registered
- Provide a list of vendors who have registered, so we make sure not to bug the same organizations multiple times
- Things are falling into place
- Volunteers reworked and there is an update on the website for students to volunteer at the conference
    - One requirements is to register with MSGIC
    - Leverage that community to build a network within MSGIC and CMUG region also
    - Register with MSGIC, letter of recommendation, submit schedules to confirm and submit a brief paper concerning participation
    - Test run for this portion, could change in the future
- Actively reaching out to additional colleagues, universities and colleges teaching GIS in the state, want to see more students from other universities in the state
- Deadline for submission for volunteers is none, 50 is the number maximum, mid-Feb deadline should be ideal
    - Email Virginia Thompson about this idea and agree on timeline, can always be extended
- MSGIC having a booth at TUgis? – want to make sure that we have the ability to take memberships at the conference, be able to discuss the components

MSGIC Quarterly Agenda
- Winter – January 16th @ USGS Water Resources Center
- Spatial Systems Associates, Inc. to sponsor breakfast
- Sitting theater style to allow for more room for attendees
    - JHU – GIS club (20 min presentation)
    - USGS presentations
    - Amazon 101 session

- o DNR presentation – Water Resources Registry Program
- o Mentorship group announcement/introduction before the morning session
- Provide a different environment/location for future MSGIC Executive Committee meetings
  - o Need to continue to allow people to get to meeting attendance
  - o Move the meeting around the state a little more to welcome new participants
  - o BMC might be a future location
    - ▪ Work to get those who are at the location itself to attend the meeting directly

**Local and Regional GIS Coordination Efforts**
Local Government Updates – Shawn Wampler
- List of GIS contacts is out dated on the website, look at list and confirm that each person should be the point of contact for the MSGIC list at the county level
- Anticipate asking Jenn Chadwick-Moore to do state and Jaime Alvarez to do universities

Baltimore Metropolitan Council – Sandi Stroud
- Phase 1
  - o Compiled address locator files from local jurisdiction files
  - o Test geocoding capacity of local data
  - o Building permits are geocoded monthly, November 98% matches based on the locator files
- ES202 file
  - o Employment file, employers in region, not for sale or readily hand out
  - o Statewide employment forecasting
  - o Geocoded with local locator files
  - o Get accuracy of geocoding on this data also
- Locator files in 10.1 – upgrade to service pack 1 first, b/c there is a bug and can't rebuild
- Urban Area Workgroup (UACI)
  - o Annual funding for public safety type projects regionally
  - o Baltimore gets funding and BMC helps support technology group
  - o Gap analysis regionally for technology gaps for public safety/emergency management
    - ▪ GIS is one component, facilitator of workshop last Friday
    - ▪ 2 break outs: report out after completion of break outs
    - ▪ None of the technology initiatives were highly ranked as needed attention
      - • Governance, policy and regional coordination were highly ranked
      - • Report in Jan 2013 to CIOs and IT managers State and local to take suggestions to implement changes to how UACI spends its money
    - ▪ Interoperable data was brought up as a need for something similar to GDX
- ISBN, similar to NCR Net
  - o Public safety grade fiber optic line, which will be completed shortly
  - o Construction to be done shortly and no clear manager for the program nor is there a maintenance plan
  - o Impacts data sharing and the capability for enhancing data sharing in the future
- TUgis panel with RISK sub-committee
  - o Different levels of government and flows of data during a disaster, not specific to Sandy response

- o FEMA has a GIO – Chris Vaughn – facilitate the panel
  - o Want to change approach of what FEMA can do to support state and locals during a disaster, since they believe FEMA has themselves and their needs covered during a disaster
- BRGSC Meeting
  - o Power outage data discussion concerning sharing of data during a disaster
  - o BGE participated
    - ▪ Question the business need for this information being made public
  - o Working with GIO office data feed which wasn't leveraged during the last emergency
    - ▪ 2 BGE feeds is 1 square mile grid and ¼ square mile grid – lat/long of centroid of grid
    - ▪ Number of customers inside the grid and number of customers which are out of power
  - o None of the other power outage providers are willing to put out that level of detail
    - ▪ Trying to use this might get some of the other providers providing similar information
    - ▪ Would need to request a username and password to access the information
    - ▪ Contact Sandi if you would like the contact person who can provide a username and password

Eastern Shore (Mid-Shore & Tri County Council) – Lauren McDermott
- MACO/Ortho Kickoff meeting – can get space for a meeting and don't have to register for the conference to participate in a particular meeting which is being held at the same time
  - o Jim Cannistra, Barney Krucoff and Axis Geospatial – 10a.m. to 2p.m. at Hyatt in Cambridge will be participating – contact Jim Cannistra if you want the invite, No cost to attend
- Replace a broadband coordinator – MOU with Salisbury and Tri-County Council to hire a new person

MWCoG – Charlene Howard
- *No updates at this time*

Central Maryland Users Groups (CMUG) – Jaime Alvarez
- Jan 18, 2013 next meeting – CCBC Essex campus, 8:30a.m. – 2p.m.
- Agenda has been submitted to Esri and not yet finalized
- Traditional presentations:
  - o Dewberry
  - o Student block – 2 to 3 geospatial students presenting on projects
    - ▪ Like to make this a regular thing of CMUG
  - o Calvert County Heritage Tours presentation
- Looking for a sponsor for lunch – longer CMUG than usual
- GISP process workshop to be conducted for 1 hour after lunch
- GISP process at Spring Quarterly which could be abbreviated process – 30 minutes
  - o Helps get out information about the process, but also kick starts them to get the process completed
  - o Something MSGIC should be doing to advance the professional level of professionals in the state
  - o Contact Jaime Alvarez to get on mailing list for CMUG
- Interest in presenting let Jaime Alvarez know – can put together a waiting list for presentations in the future

Western Maryland User Group & Tri County Council – Debbie Carpenter

- *No updates at this time*

**State GIS Coordination Efforts**

Pictometry Imagery Proposal – Pictometry Corporation

- Unsolicited proposal to MDP to make collective imagery statewide, clarify this would also extend to universities and regional groups throughout Maryland
- Sent to Barney Krucoff and Kenny Miller, but not had internal discussion
- Hurricane Sandy follow up considered how to be a better vendor partner
- Pictometry doesn't have a lot of contracts which cover states, but want to propose useful resources in response to a future storm
  - o Catastrophic event contracts which allow for free collection of the data, an extension of a bigger contractual client
- "Connect 100" – 100 users included, GIS uploader unlimited administered internally, access to entire State of Maryland
  - o These users are chosen to be dispersed at State discretion to State employees
  - o Talk about integrating with GDX, integrates with Flex, Silverlight
  - o Contacted KCI to put a widget in the toolbar and a GDX widget would appear in Pictometry toolbar
- Either free or $595 additional cost, one time
- Access to all imagery in Maryland for State employees
  - o Option to upload to the Cloud solution and make available during a catastrophic event

**Question**: Would this be stop gap for some of the preplanning which has not occurred to date?
- Not much money and would provide a resource
- Request a list of counties which data is available and the specs for that data, include future flights that are under contract

- Coordinate something with the MD iMap Technical Committee to review and provide recommendations
- Proposal can be shared with anyone – send Jim Cannistra email request if you would like to see the proposal

**Question**: Would cross state line information be available during an emergency?
- Obliques and orthoimagery would be fenced into the state line and across state lines would not be available

MD iMap Technical Committee – Julia Fischer
- Application Template Demo/Discussion – Presentation available upon request
  - o HTML5/JavaScript/CSS programming languages being used for development
  - o GitHub to be used for code sharing purposes
  - o Template to be registered in ArcGIS Online to share with other
  - o Template can be stood up directly on a server, does not require ArcGIS Online
  - o Redevelopment of applications being completed in conjunction with migration of map services to 10.1 ArcGIS Server at DoIT
  - o For more complex applications anticipate developers using this template as a base and putting together the more enhanced capabilities in the future

- o Configurable – select template, pick and choose which tools you want to show up and which you do not
- o Responsive design and mobile optimization being implemented to make sure that one template applied to all screen sizes is available
- o Anticipate release of the first newly developed applications in January 2013
- o Working samples can be found at:
  - http://204.145.182.26/imap/index.html
  - http://204.145.182.27/imap/index.html?appid=365ef6d1c18d454dac6792ad97d1a479

- Maryland Open Data/Socrata Demo – Presentation available upon request
  - o Another resource for sharing GIS data and asked to add more GIS data
  - o Also a repository for Excel spreadsheet and other tabular data which can be made into GIS data
  - o Metadata standards are being aligned with the FGDC-compliant standards currently being implemented for ArcGIS Server and MD iMap
  - o CGIS working on a REST Endpoint Tool
    - Would send an HTML call and send back a .zip file

- Cascading Geocoder
  - o Discussion conducted to determine the participating components and specification requirements for the development of a cascading geocoder
  - o Suggested layers to include: MDPV address points, centerline ranges, common place names, ZIP codes, municipal boundaries, cities, towns, intersections, exits (SHA for highways), latitude/longitude, mile markers, hundred blocks
  - o Discussions on-going and a solution from CGIS will be provided back to the Technical Committee, for review, in the upcoming months

Orthos/Parcels/Septic Tier Mapping – Jim Cannistra
- Orthos progressing well

- Justifying changes to the pricing model of MDPV along with the open data model being marketed through Socrata
  - o Parcels, for example, are available to only 1% of the population, but with the Socrata they would be available to 100%
- Parcel data closing out counties this year, migrating and integrating 10 counties this year
  - o Couple of months behind
  - o By March, 10 counties will be integrated with tax maps and county data and offered through MD iMap and MDPV
- Couple of weeks ago, 10 counties had a parcel update in MD iMap

- Septic Tier Mapping – daily activity as counties decide if they will adopt maps by Dec 31st deadline
  - o Over the next month developing applications to review the maps submitted by counties, required by law and getting information out onto a public website

- o Lots of updates to data as part of this process, realizing that municipal boundaries aren't consistent, protected lands and zoning boundaries need to be adjusted
  - o Legislative bills anticipated to strengthen, delay and kill the septic bill initiatives during the upcoming legislative session

- LULC data update plan
  - o Chesapeake Bay Land Use Workgroup helping to formulate this plan
  - o Baltimore City Corps of Engineers contributing

Water Resource Registry
- Application being developed by MES for DNR with funding from many agencies including DNR, EPA
- Robust application to visual stream quality, water resource data
- Development constraints based on wetlands to analyze data and conduct predictive actions
- Downloads to site and links to other resources
- Session today for training, presentation to be conducted at the next Quarterly meeting
- Consolidated a lot of statewide water resources – Jim Cannistra to send out link of application
  - o Hasn't been launched publicly, but the link is available

Critical Area Mapping
- Critical area commission discussion to finish the entire state in the next 2 years
- Possible to get digitizing work done in 2 years, but review process would not be completed with each county, ready for adoption, 5 years more realistic time frame
- Putting together a number of cost to get this process done
- Kenny Miller working with Critical Area Commission to get this number for funding put together
- Disconnect with MDE wetlands maps for permitting and DNR wetlands maps that are being generated
  - o MDE believes they are legally mandated to use 1972 wetlands maps for permitting
  - o Conversation about whether this is or is not totally true
  - o Petition MSGIC to make a stand about rewriting this legislation to make sure that the best available data should be used for making these decisions and not static maps which are considerable out of date

Chesapeake Bay Land Use Workgroup – Jim Cannistra
- *Information available under "LULC data update plan" above*

Broadband Availability – Mike Scott
- Addressing piece is moving forward with the new addressing hire
- Letter to go out to bb providers shortly soliciting information
- Year 4 started on Nov 1st, about 1 year and ¾ left, end of 2014
- Putting together a plan of what to do at the end of 2014
  - o Should this information be maintained? Is it worth maintaining? How? Who? Where does the funding come from?
  - o This would be another topic for MSGIC to take up next year

dFIRM Conversion – Mike Scott
- 2 counties just went to public meetings for new dFIRMs

TMDL Effort – Department of Environment
*No updates at this time*

Outreach – Jenn Chadwick-Moore
*No updates at this time*

Historic Image Initiative – Larry Swift
*No updates at this time*

MSGIC Website Updates
- GIS Contacts – updates to State and local government contacts
- Add an alert for new names which have been added to the membership list to provide them with welcome packet

MSGIC Coordination – Data Resources Subcommittee – Patrick Callahan
*No updates at this time*

MSGIC Communications – Education and Outreach subcommittee – Scott Jeffrey
*No updates at this time*

Other Events
- MACO Mid-Year January 2 – 4, 2013
- NSGIC Mid-Year – Annapolis February 24 – 27, 2013
- ESRI Federal Conference – Washington, D.C. February 25 – 27, 2013
- Emergency Number Systems Board Planning Meeting – Jim C, Barney and Kenny to attend

Advocacy Items
- *No updates at this time*

**Additional Business – All**
National Hydro Data Model training was conducted at MDE this past week
- 2,400 scale to match LiDAR
- Hoping to get feedback from Frank Siano at MDE concerning this topic

Hurricane Sandy swath LiDAR has been delivered to Roger B and he will make this available to Salisbury University who will post for more general consumption
- DE Orthos imagery from this past spring has been delivered
  - Some issues are being worked out

DE geographic data committee
- Discussion about data acquisitions over next 10 years
- Estimate to fly the state of orthos, working to move this date up

"Silver jackets" meeting to be at the end of this month
- Roger Barlow to attend and others are welcome to attend

Carroll County report processing issues concerning LiDAR data
- Barely good enough was the decision on the data delivery

Washington, D.C. is planning to fly this spring, but don't yet have the funding in place, but they are working hard to get the funding together
- Have some issues with updates that they need to address
- Aberdeen is being flown again supposedly, MOU was requested

- Inauguration FEMA Region 3 has information, contact Robert Horn or Patrick Callahan for information

- Washington County orthoimagery tiles have been resolved

Next Business Meeting – **January 9, 2013 via Webex (call-in information to be provided)**