



ATTENDEES

- Cheryl Benjamin
- Bill Burgess
- Tim De Troye
- Jon Gottsegen
- Bert Granberg
- Ivan Weichert
- Bill Johnson
- Craig Johnson
- Kenny Miller (Co-Chair)
- Joy Paulus
- Curtis Pulford
- Mike Vanhook
- Ian Von Essen (Chair)

AGENDA

- 1) Review & Approve Minutes form Last Meeting
- 2) Provide Status update on NSGIC's Next Generation 911 Brochure & NG 911 Working Group Google-based document database.
- 3) Review of the Work Group's Google Docs page
- 4) NG911 NSGIC Conference Session
- 5) Helping the NSGIC State Coordinators, 911 Boards, PSAP Directors transition to interoperable geospatial data development programs from current geospatial data development practices.
- 6) Review Organizations involved with E911 activities and determine which are critical for helping us achieve our mission.

DISCUSSION

1) Review & Approve Minutes form Last Meeting

- Approved

2) Provide Status update on NSGIC's Next Generation 911 Brochure & NG 911 Working Group Google-based document database.

- The brochure was mentioned on the last call. It was developed by NSGIC and NAPSG and then forwarded to NENA for their edits
- Unfortunately, they moved offices and had their Annual Conference at the same time
- Last week, they indicated that they are making extensive edits and will return the brochure



- We have not received it yet
- When it comes back, it will be distributed to the Work Group

3) Review of Work Group's Google Documents site

- Ian walked the group through the Google Docs site
- It is available to Committee Members only at the following link
- <https://sites.google.com/site/nsgicng911/>
- You must log into your Google account to access this page

4) NG911 NSGIC Conference Session

- We have a 1-hour session at the Annual Conference reserved for the NG911 Work Group on Tuesday the 27th at 4:00
- Ian will start with a background on the Work Group activities
- Kenny will talk about the Maryland GIO & 911 Board relationship and the cost savings that are being realized by working together
- How about adding NY's recent experiences with address points
 - NY – next week meeting with 911 Coordinator
 - Involved for 10 years on National Address Standard
 - Since it was approved earlier this year and their agency received Broadband funding it is good timing
 - They are working with another agency to meet with the head of their 911 Coordinators Association
 - They met with them to talk about the NY build-out of addresses and the opportunity for the 911 Coordinators to work with them to reduce duplication of effort
 - Some of their local coordinators were not very aware of the requirements for NG 911
 - Those that were, realized that working together was a good idea and timely
 - Some of the Telcos have asked to participate in this effort
 - At their conference, Intrado spoke and pointed out that the 911 Coordinators had a good opportunity with this effort and NENA would want to follow this effort
- Good story and NY will participate in this session at the Conference
- Question – Next Gen doesn't have a timeframe – how is it going to come about?
- The vendors control the MSAG – won't this slow things up?
- 911 centers are 'stuck' using the vendor data and these systems can be fairly old
- They are looking forward to the switch, but there will need to be dual systems for a while
- Maryland might take 10 years to make the transition
- Some of the centers might be looking for significant fee increases to help the conversion process [this is a KEY MARKETING POINT about NSGIC's involvement. If we can save



them money on data products, that money can be spent on modernization efforts – maybe without Fee increases]

- NY is using their Broadband funds to map the address points
- How the mapping standard looks in GIS files (multiple structures, driveway v house) is one of the critical points in this and getting the standard adjusted to the new FGDC standard is important so that the vendors can retool their systems
- The contractors will make the changes if they align with NENA standards
- Do we have any locations that have made the conversion to NG 911?
- Maybe some counties in Texas – the 911 Alliance – have done this
- There were about 6 pilot projects where they have rolled-out NG 911 – Burgess will look for that list and forward it
- Intrado maintains the MSAG list – what is the incentive for them?
- Ian and Kenny have both worked with them recently and it seems like they ‘get it’
- Kenny is approaching them to sponsor the Annual Conference and have them speak
- Kenny will also reach out to Texas to see if we can get their perspective
- A big part of the transition is IP versus landline – it’s not obvious what the GIS angle is and why they care
- We shouldn’t deal with how messages will flow during the conference
- Getting the address point is the start of the call and it’s going to be based on GIS
- The overflow that will happen between centers means that we MUST have consistent and good regional data
- Some are looking at a state data center to standardize the data
- Maybe our whole angle on this is - better reference data and statewide infrastructure
- What do we mean by infrastructure? – the 911 folks will have their own infrastructure
- This might get us caught into a turf battle
- Anyone else that thinks they have something to add to the Conference Program should contact Kenny and Ian

5) Helping the NSGIC State Coordinators, 911 Boards, PSAP Directors transition to interoperable geospatial data development programs from current geospatial data development practices.

- In Spokane County, WA alone, there are 3 PSAPs with their own Boards
- How do we interface with and support such a diverse and large group in each state?
- Standards are probably the best way
- Maybe we can show some ‘best practices’ to help the State Coordinators work through this
- In the past, it’s been difficult to work with this community, but now things are converging and they seem to be more interested
- State Coordinators should go to their 911 Board or Coordinators meetings to listen to what their needs are – good point for the top 10 list



Next Generation 911 Work Group Meeting Notes for July 14, 2011

- Because they have a dedicated funding stream, the PSAPs haven't had a need to partner with people/organizations – it's new ground for them
- They have to recognize that you are there to really help them and not just trying to take some of their funding
- Try to get the top 10 list with best practices started and get it circulated to the members of this group
- Kenny is trying to connect with Bob White (ME) to get his top 10 list mentioned at the last meeting – Kenny will continue to follow-up

6) Review Organizations involved with E911 activities and determine which are critical for helping us achieve our mission.

- Ian showed the new list of 911 organizations (sent out before the call)
- Which of them should we identify as being critical to NSGICs efforts?
- NENA and APCO are obvious
- NENA urged us to work with NASCIO on these issues, because they will have an increasing role in NG911
- The individual state organizations should be on the list for the state coordinators – they are probably most important next to NENA
- How about working with NAPSG and the NSGIC Coordinators to get 'snapshots' about activities that they are implementing to prepare for NG911?
- We need to find out which of these organizations have any interest in the GIS components of NG911
- How about new FCC rule-making for 2019 (?) about improved accuracy of cell calls?
- We should point the State Reps to the NENA list of state 911 Boards/Authorities

7) The committee members agreed to stay on the line and contribute to the Top 10 list

- Reach out to your state 911 organization (<http://www.nena.org/state-local-chapters>)
- Attend 911 Board meetings to learn what their issues are
- Understand where dollars are being spent – duplicate data collection, costly MSAG access (per record fee) and where GIS coordinators can help reduce costs and improve quality of service.
- Understand GIS data issues: data types, ingestion problems, lack of standards, antiquated software, etc.
- Visit an E911 Operations Center to take a tour. Ask questions. See how maps and map data are used. What does the center wish it could have or do from a spatial perspective?
- Map or improve accuracy of jurisdictional boundaries: fire box districts, EMS and police boundaries and provide this information to the Operations Centers.
- Develop cost/benefit documentation on the value of working on data collection at a regional/statewide basis as opposed to individual EOC's collecting their own.



Next Generation 911 Work Group Meeting Notes for July 14, 2011

- Urge our folks to do presentations instead of just handing out fact sheets – get in front of them and get name recognition
- Get the county organizations (NACo affiliates) more involved in NG911
- Add the state NENA Chapter to your GIS Council
- Burgess will put this together and work with Kenny and Ian to flesh it out – then get to committee before it goes out

8) Other Items

- Last week NENA posted an Operations Document on their web site. Cheryl provided the following:
 - NG9-1-1 System and PSAP Operational Features and Capabilities Requirements, NENA 57-750, Version 1, June 14, 2011 has been NENA Board approved and posted to the NENA website. Posted: Jul 7
 - Direct URL: http://www.nena.org/operations/standards/NG911-System_PSAP-Optns-Features-Capabilities
- Maryland learned after the State Board funded the Eastern Shore counties \$800K for hires orthoimagery that ½ of the PSAPs could not use the imagery, because there are too many tiles/files for the existing systems to handle. Now they are going back and looking at compression ratios to help solve the problem – other fixes may be required