

# **NSGIC Advocacy: Next Gen911**

Local Government Efforts/Views

Ian Von Essen



National States Geographic Information Council

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# Local Government Efforts/Views

Spokane County, Washington

## What do you think are the key NG issues to plan for?

- View of local 911 Center Director that NG911 would be implemented in phases: texting first, then photo/video.
- Spokane Counties goal is to be ready to receive texts when the wireless network & the ESINet can support them.
- Logging recorders and CAD systems will need to be updated to receive and store NG information.
- Spokane County is planning for the need for addressed point files to replace address ranges in the Master Street Address Guide.
- Currently working on improving existing GIS Addressed point file



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## 911 Address Verification Underway In Spokane County

- **Spokane County Official Release:**
- **SPOKANE COUNTY, Wash.** – 911 has launched an address verification initiative for each address in Spokane County and the municipalities. It entails obtaining the latitude and longitude (X/Y coordinates) for each address.
- **The local 911 office is developing a point file that will be used to locate callers once Next Generation 911 (NG 911) is in place. Address verification is a first step in moving towards NG 911, although it will take several years to implement for texting, pictures, etc.**
- **In order to obtain the X/Y coordinates, a 911 employee is driving/walking through neighborhoods with a handheld GPS unit.** The vehicle is a white Ford Escape with county license plates and is clearly identified as "911 Address Verification Vehicle" (the employee will also be carrying the flyer that is attached).



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## 911 Address Verification - Example



- I have shot Camelot, Forest Glen and Northwood Meadows Subdivisions.
- The IKE appears to be very accurate. I compared the IKE data with GIS. Results follow:
- I found 2 instances where the address in GIS did not jive with the house address. First was 11820 N Bedivere Dr. GIS shows this as 11822 N Bedivere Dr. Second 11712 N King Arthur Dr shows as 11714 N King Arthur Dr in GIS.
- I did find inconsistent addressing for multi-family units.
  - 1217 and 1219 E Chantel (duplex) GIS just shows this as 1217 E Chantel
  - 1207 and 1205 E Chantel (duplex) GIS shows as 1201 E Chantel
  - 1209 and 1211 E Chantel (duplex) GIS shows as 1209 E Chantel
  - 12515 and 12511 N Perry (duplex) GIS shows as 12511 N Perry
  - 12507 and 12503 N Perry (duplex) GIS shows as 12503 N Perry
  - 916 and 918 N Bedivere (duplex) GIS shows as 916 N Bedivere
  - 924 and 926 N Bedivere (duplex) GIS shows as 924 N Bedivere
  - 1020 and 1022 N Bedivere (duplex) GIS shows no address (these are portions of a condo parcel that shows only one address 1020 N Bedivere)
  - 1102 and 1104 N Bedivere (duplex) GIS shows no address (part of condos)
  - 1110 and 1112 N Bedivere (duplex) GIS shows no address (part of condos)
  - 1120 and 1122 N Bedivere (duplex) GIS shows no address (part of condos)
  - 1204 and 1206 N Bedivere (duplex) GIS address 1204 (part of condos)
  - 1208 and 1210 N Bedivere (duplex) GIS no address (part of condos)
  - 1214 and 1216 N Bedivere (duplex) GIS no address (part of condos)
  - 1220 and 1222 N Bedivere (duplex) GIS no address (part of condos)
- **Most of the multi-family units appeared to have just the parcel address.**

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**What are the tasks Spokane County's 911 center needs to accomplished in order to plan for NG911?**

*(#1. What do you think are the key NG issues to plan for?)*

- Spokane County's 911 Center has to upgrade our phone system to SIP from analog
- Spokane County's needs to verify the point files currently in GIS to use as the basis for location of callers. (NG is more dependant on XY versus an address range because of the improved accuracy of Address points)



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**What's is Spokane County's 911 Center role in regards to NG911 implementation?**

**Who else is involved (State Gov't) and what's their role?**

- Spokane County 911 Center participates on the Washington State NG 911 Subcommittee of the Enhanced 911 Advisory Committee.
- Multiple counties are on that subcommittee and our charge is to prepare a NG 911 migration plan to be used statewide.
- The Washington State technical staff is involved in the NG subcommittee and they provide technical support as well and as act as a funding source for eligible counties (Spokane is not an eligible county).

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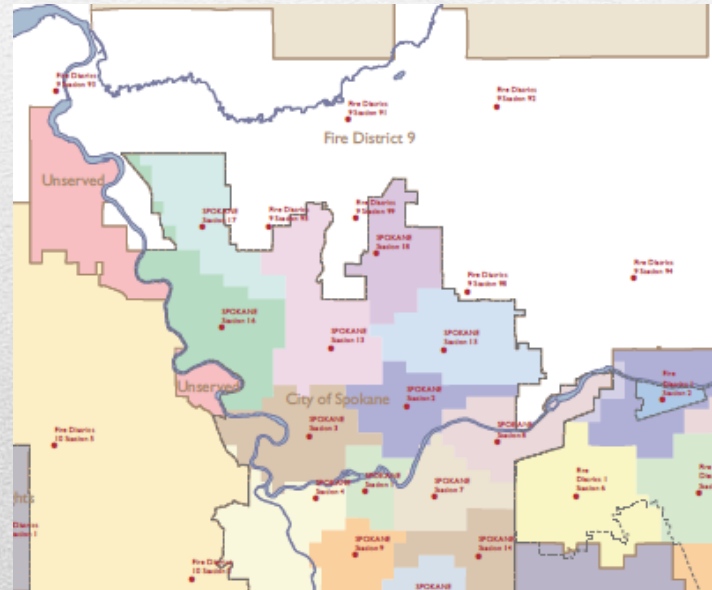
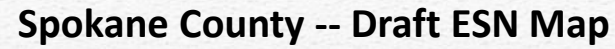
Spokane County, Washington

**What should local & state GIS leaders do to assist (in priority order) the NG911 effort from your perspective?**

- Exactly what you are doing now ... playing an active role in the management of point files and road files and in building and/or updating other relevant GIS data sources that will be of value to NG911



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## **Contact Info**

### **Ian Von Essen**

Chair, Washington State Geographic Info. Council

Board Member, Natl. States Geographic Info. Council

Spokane County GIS Manager

815 N. Jefferson St.

Spokane, WA 99260-0400

Work 509-477-6344

Cell 509-220-9565

[ivonessen@spokanecounty.org](mailto:ivonessen@spokanecounty.org)