

NYS 9-1-1 GIS Standards Workgroup Webinar

June 27, 2013

Agenda

1. Update on NENA Standards

- Civic Location Data Exchange Format (CLDXF)
 - Related FGDC Address Data Standard
- NG9-1-1 GIS Data Model
- Site/Structure Address Point

2. SAM Project

- Tentative Production Schedule
- New PlaceType Field
- Workgroup Input Needed: PlaceType values for miscellaneous structures
- Fallout files

3. Fall 9-1-1 Coordinator's Conference – GIS Training Class

4. US Census Bureau Addressing Meeting

5. Next webinar – 7/18/2013 ?

Update on NENA Standards

- *Civic Location Data Exchange Format Standard*
 - Parses addresses into smallest components
 - XML used to share data components in a NG9-1-1 system
- *NG 9-1-1 GIS Data Model Standard*
 - Identifies the GIS data layers & defines attributes
- **Site /Structure Address Point GIS Data for 9-1-1**
 - Where to place a point & how many points?

NENA Standards

NG9-1-1 CLDXF Standard

- ✓ Standard completed & submitted to NENA leadership for review:
 - ✓ NENA Authoring Committee Review
 - ✓ NENA Development Committee Review
 - ✓ Public review
- ✓ NENA Workgroup reviews comments & updates document after each review
- ✓ Second public review (ended 10/5/2012)
- ✓ NENA Workgroup reviews comments & updates document
- Revised standard submitted for publication (now expected Summer 2013)

NENA Standards

Related FGDC Address Data Standard

- Close to, but not in alignment with NENA's CLDXF Standard
- *United States Thoroughfare, Landmark, and Postal Address Data Standard* approved 2/2011
- Available at:
<http://www.fgdc.gov/standards/projects/FGDC-standards-projects/street-address>
- Work Group convening to draft a revision to:
 - Correct typos, errors and omissions
 - Make adjustments to improve and ease its implementation and usage
 - Improve its coordination with other national and international standards
 - Correct any issues that have arisen due to implementation of the Standard
- Volunteers needed!
- Contact Keri Brennan (kbrennan@urisa.org) by July 15

NENA Standards

NG9-1-1 Data Model Standard

- ✓ Standard completed & submitted to NENA leadership
- ✓ NENA Authoring Committee Review (ended 6/22/2012)
- ✓ NENA Workgroup reviews comments & updates document
- Revised standard submitted to NENA leadership for review:
 - NENA Development Committee Review – expected Summer 2013 (10 business days)
 - Public review (15 business days)
- NENA Workgroup reviews comments & updates document after each review
- Revised standard submitted for publication

NENA Standards

Site/Structure Address Point GIS Data for 9-1-1

- ✓ NENA Workgroup initiated (8/15/2012)
- ✓ Develop standard
- Standard completed & submitted to NENA leadership for review:
 - NENA Authoring Committee Review – expected by end of 2013 (10 business days)
 - NENA Development Committee Review (10 business days)
 - Public review (15 business days)
- NENA Workgroup reviews comments & updates document after each review
- Revised standard submitted for publication

SAM Production Schedule

- Counties that passed QA/QC:
 - Hamilton
 - Lewis
- Counties in production:
 - Franklin
 - Cattaraugus
 - Allegany
 - Delaware
 - Columbia
 - St Lawrence
- Next counties to be processed (tentative order):
 - Seneca
 - Albany
 - Saratoga
 - Ontario

Tentative County Order

2013 Orthoimagery Program Impacts

1	Lewis	16	Clinton	31	Chemung	46	Oneida
2	Franklin	17	Livingston	32	Genesee	47	Westchester
3	Cattaraugus	18	Montgomery	33	Tompkins	48	Suffolk
4	Allegany	19	Steuben	34	Schuyler	49	Greene
5	Hamilton	20	Tioga	35	Yates	50	Orange
6	Delaware	21	Jefferson	36	Chautauqua	51	Warren
7	Columbia	22	Sullivan	37	Rensselaer	52	Madison
8	Seneca	23	Schoharie	38	Onondaga	53	Ulster
9	Albany	24	Erie	39	Fulton	54	Putnam
10	Saratoga	25	Niagara	40	Chenango	55	Dutchess
11	Ontario	26	Monroe	41	Broome	56	Nassau
12	St. Lawrence	27	Wayne	42	Otsego	57	Rockland
13	Schenectady	28	Wyoming	43	Essex		
14	Cortland	29	Cayuga	44	Herkimer		
15	Orleans	30	Oswego	45	Washington		

New *PlaceType* Field

- PointType values:
 - Rooftop
 - Primary Structure Entrance
 - Driveway Entrance
 - Parcel Centroid
 - Miscellaneous
- NENA GIS Data Model for NG9-1-1 has *PlaceType* Field
 - Type of feature identified by the address

Workgroup Input Needed:

PlaceType values for miscellaneous structures

Potential *PlaceType* Values

- Bridge
- Culvert
- Communication Tower or Antenna?
- Well
- Intersection
- Monument
- Cemetery
- Boat Launch
- Telephone Booth
- Wind Turbine
- Public Recreation Area
- Trail Head
- Water Source (water tower, hydrants, dry hydrants)

Preparing Data for NG9-1-1

- Why wait? You can benefit now!
- NENA Training Class for Fall Conference
 - Tuesday, October 22
 - *Introduction to NG9-1-1 & GIS*
 - Sponsored and funded by ITS
 - Need GIS Committee input on content
- ITS sponsorship of 5 regional training classes
 - Spring 2014?
 - 5 consecutive days across the state
- Volunteers to work on content?

US Census Bureau Addressing Meeting

- 2010 Census
 - Collected address points for the entire US
 - Title 13 prevents sharing
 - Cost will limit 2020 canvassing
 - Annual American Community Survey
- 2011 Address Summit
 - Five resultant pilot projects
 - Federal/State/Tribal/Local Address Management Coordination
- Geographic Support System Initiative (GSS I)
 - Improved coverage
 - Continual street & address updates
 - Enhanced quality assessment and measurement
 - Improved partnerships
- Conference calls underway to coordinate outreach and data

Next Workgroup Meeting:

July 18, 2013

Suggested Topics?