

# **NYS 9-1-1 GIS Standards Workgroup Webinar**

*July 18, 2013*

# Agenda

## 1. Update on NENA Standards

- Civic Location Data Exchange Format (CLDXF)
  - *Landmark Name Part & Complete Landmark Name* elements
  - *Pre Modifier & Post Modifier* element definition changes
  - Use of *Post Modifier* element instead of multiple entries in *Post Type* element
- NENA Registry System
- NG9-1-1 Planning Guidelines Information Document
- NG9-1-1 Transition Plan Considerations Information Document

## 2. Introduction to Next Gen 9-1-1 Guide: <http://www.intrado.com/events/NextGenGuide>

## 3. FGDC Address Data Standard

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

## 5. SAM Project

- Production Schedule
- New Production Status Map
- *PlaceType* values for miscellaneous structures
- Fallout files

## 6. Next webinar – 8/15/2013

# NENA Standards

## *NG9-1-1 CLDXF Standard*

### Landmark Name

- Definition of a Landmark Name:
  - specifies a location by naming it and may contain smaller named landmarks within it
- The *Landmark Name* element is replaced by *Landmark Name Part & Complete Landmark Name* elements
- New proposed *Landmark Name Part* definition:
  - the name or collection of names by which a prominent feature is publicly known
- New proposed *Complete Landmark Name* definition
  - the name by which a prominent feature is publicly known and is composed of the *Landmark Name Part(s)* in that record

# Parsing Landmark Names

## From CLDXF Notes on Landmark Names:

- The *Landmark Name Part* is provided for use when multiple names together are used to identify a landmark, and the data provider desires to show the separate names within one record.
- A *Landmark Name Part* is converted to a *Complete Landmark Name* by copying or concatenation. If there is only a single *Landmark Name Part* in a CLDXF record, it is copied directly into the *Complete Landmark Name*

**LMKP** = State University of New York at Buffalo

**LMKP** = North Campus

**LMKP** = Ellicott Complex

**LMKP** = Red Jacket Quadrangle

**LMK** = State University of New York at Buffalo North Campus Ellicott Complex Red Jacket Quadrangle

or

**LMK** = State University of New York at Buffalo North Campus

or....???

# ***Landmark Name Part Examples***

- Empire State Building
- The New York Public Library
- The Alamo
- South Central High School
- Kirkwood Mall
- Ohio State University
- Derby Hall (a part of Ohio State University Derby Hall)
- University of South Florida
- Sun Dome (a part of University of South Florida Sun Dome)

# ***Complete Landmark Name Examples***

- Empire State Building
- The New York Public Library
- The Alamo
- South Central High School
- Kirkwood Mall
- Ohio State University Derby Hall
- University of South Florida Sun Dome
- State University of New York at Buffalo North Campus Ellicott Complex Red Jacket Quadrangle

# NENA Standards

## *NG9-1-1 CLDXF Standard*

### *Pre Modifier Element*

- Previous *Pre Modifier* element definition:
  - Precedes and modifies the *Street Name* element, **but is separated from it by a *Street Name Pre Type* or a *Street Name Pre Directional* or both**, or is placed outside the *Street Name* element so that the *Street Name* element can be used in creating a sorted (alphabetical) list of complete street names
- New proposed *Pre Modifier* element definition:
  - A word or phrase that precedes and modifies the **remaining** street name elements or is placed outside the *Street Name* element so that the *Street Name* element can be used in creating a sorted (alphabetical) list of complete street names
- Examples:
  - **Old** North Main Street Road
  - **Northwest** East 14th Street
  - **Alternate** Route 8
  - **The** Oaks Drive
  - **Old** County Highway

(a different street named “County Highway” exists or it used to be a county highway)

# NENA Standards

## NG9-1-1 CLDXF Standard

### Post Modifier Element

- Previous *Post Modifier* element definition:
  - A word or phrase that follows and modifies the *Street Name*, **but is separated from it by a *Street Name Post Type* or a *Street Name Post Directional* or both**
- New proposed *Post Modifier* element definition:
  - A word or phrase that follows and modifies the *Street Name* element
- Use *Post Modifier* when there is more than one *Post Type* and the second *Post Type* modifies an existing street\*\*
- Examples:
  - Broadway **Extended**
  - Main Street South **Bypass**
  - Washington Avenue **Extension\*\***
  - Marshall Street **Court\*\***
  - Genesee Street **Road\*\***

# NENA Standards

- NENA Registry System
  - Serves as a central repository and access point for registries created within NENA standards
  - Registries serve as consensus on the allowable identifiers, constants, and lists of values that are exchanged within NG9-1-1
  - <http://technet.nena.org/nrs>
- *NG9-1-1 Planning Guidelines Information Document*
  - Summarizes actions that 9-1-1 Authorities should consider in preparing for transitioning to a NG9-1-1 environment
  - 28 Recommended Reading and References
- *NG9-1-1 Transition Plan Considerations Information Document*
  - Planning for migrating existing features and services to a NG9-1-1 environment

# Other Items of Interest

- Introduction to Next Gen 9-1-1 Guide:  
<http://www.intrado.com/events/NextGenGuide>
- FGDC Address Data Standard Workgroup forming
  - Email Keri Brennan ([kbrennan@urisa.org](mailto:kbrennan@urisa.org))
- Fall 9-1-1 Coordinator's Conference
  - Training class to focus on GIS data in a NG9-1-1 system
  - GIS Subcommittee

# SAM Production Schedule

- 4 counties completed
- 6 counties in production:
  - Franklin
  - Delaware
  - Columbia
  - St Lawrence
  - Seneca
  - Saratoga
- Next counties to be processed:
  - Albany
  - Ontario
  - Steuben
  - Cortland
  - Orleans



# New *PlaceType* Field

- *Point Type* values:
  - Rooftop
  - Primary Structure Entrance
  - Driveway Entrance
  - Parcel Centroid
  - Miscellaneous
- *PlaceType* Field in NENA GIS Data Model for NG9-1-1
  - Type of feature identified by the address
  - No agreement on a domain for population
  - SAM Project needs a *PlaceType* domain for Miscellaneous *Point Types*
- Group discussion – *Place Types* Spreadsheet
  - Are these addressable features? Should any be removed?
  - Should some of these features be combined/grouped?
  - Should some of these features be separated into their own group?
  - Are there other features you address (not associated with a building) that should be added to the list?

# Fallout Files

- **AddressPoints\_Flagged**
  - Address Points in the Address Points deliverable that have been flagged with a certain address warning type.
- **Spatially\_Invalid**
  - Address Points not in the Address Points deliverable that were created by geocoding addresses in source data tabular addresses (e.g. LEC, address lists, GDR-provided address lists) to street centerlines.
  - These points did not geocode to an existing Address Point or parcel and could not be accurately located on a rooftop.
- **Exception Report**
  - Source data tabular addresses (e.g. LEC, address lists, GDR-provided address lists) that did not geocode to existing Address Point, parcels, or street centerline data.
  - There is no location associated with addresses listed in the Exception Report but the original data source is identified.

# **Next Workgroup Meeting:**

*August 15, 2013*

Suggested Topics?