



Lost

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The Ugly Truth: We're Lost

- A study of all NFIRS reported incidents during the 2000-2006 time period indicated that 1/3 of all calls DO NOT occur at a street address.



The Lost Sequel

Lost fire truck

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What's the address here?







Maryland Trooper 2







NTSB Report on Trooper 2 (cont'd.)

- Patrol personnel plotted coordinates using an online mapping program
- Dispatchers assumed coordinates were in form of *degrees, decimal of degrees* (normally used)
- Crash site was actually located near Calvert Cliffs, Maryland (almost 30 miles away)





Billy Goldfedder: “CAD Says”

- Senior Corporal Victor Lozada escorts the Clinton motorcade to the airport and wrecks his motorcycle
- It takes 11 minutes to get an ambulance on scene (CAD short-circuited because of limited access and the inability to describe a street address)



How to Fry an Address Locator

- Try mapping these locations in Google Maps – pay attention to the results
 - 100 South Southwest Plaza Circle, Indianola, MS and 100 North Southwest Plaza Circle, Indianola, MS
 - 2600 E University Dr., Tempe, AZ (Pay close attention to the street numbers shown and the directional prefixes – what’s happening here?)
- What are the potential consequences of errors like this?



The US National Grid

- FGDC standard coordinate system and analogous to the MGRS standard for most operational purposes
- Broad acceptance in emergency response community, but tools limit implementation
- Supplements address/location data
- May serve as a primary spatial database key for addresses/assets
- Grid squares may serve as the basis for raster modeling



Needs

- Better integration into everyday mapping
 - Garmin, ESRI, the National Map and many other applications have it, Google does not.
- Better integration across platforms (re: Highway discussion this morning)
- Leverage USNG as a starting point for helping FGDC bring its wealth of knowledge to the table to help with numerous issues:
 - Symbology
 - Data sources
 - Best practices
 - Standard development...