



Homeland  
Security

*Federal Geographic Data Committee  
Homeland Security Working Group*

*Mike Lee*

*February 21, 2008*





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## ***Homeland Security Working Group***

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- ***Participation***
- ***Major Areas of Responsibility***
- ***Major Accomplishments***
- ***Activities in Progress***





## ***Homeland Security Working Group***

### ■ ***Participation***

Environmental Protection Agency	Department of Justice
Federal Communications Commission	Tennessee Valley Authority
Department of Homeland Security	United States Postal Service
Army National Guard	Department of Transportation
Department of Agriculture	National Aeronautics and Space Administration
Department of Commerce	National States Geographic Information Council
Department of Defense	Urban and Regional Information Systems Association
Department of Energy	National Association of Counties
Department of the Interior	Geospatial Information and Technology Association
	Organization for the Advancement of Structured Information Standards





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- ***Areas of Responsibility - From the Working Group Charter:***

***“...focal point for identification of geospatial metadata, information content, symbology, interface and other specifications, guidelines, and standards required to ensure that geospatial information technologies support the achievement of these strategic goals of homeland security...”***

*Awareness*

*Prevention*

*Mitigation*

*Protection*

*Response*

*Recovery*

***“...Promote the effective use of common, coordinated information sources and tools ...”***





## ***Homeland Security Working Group***

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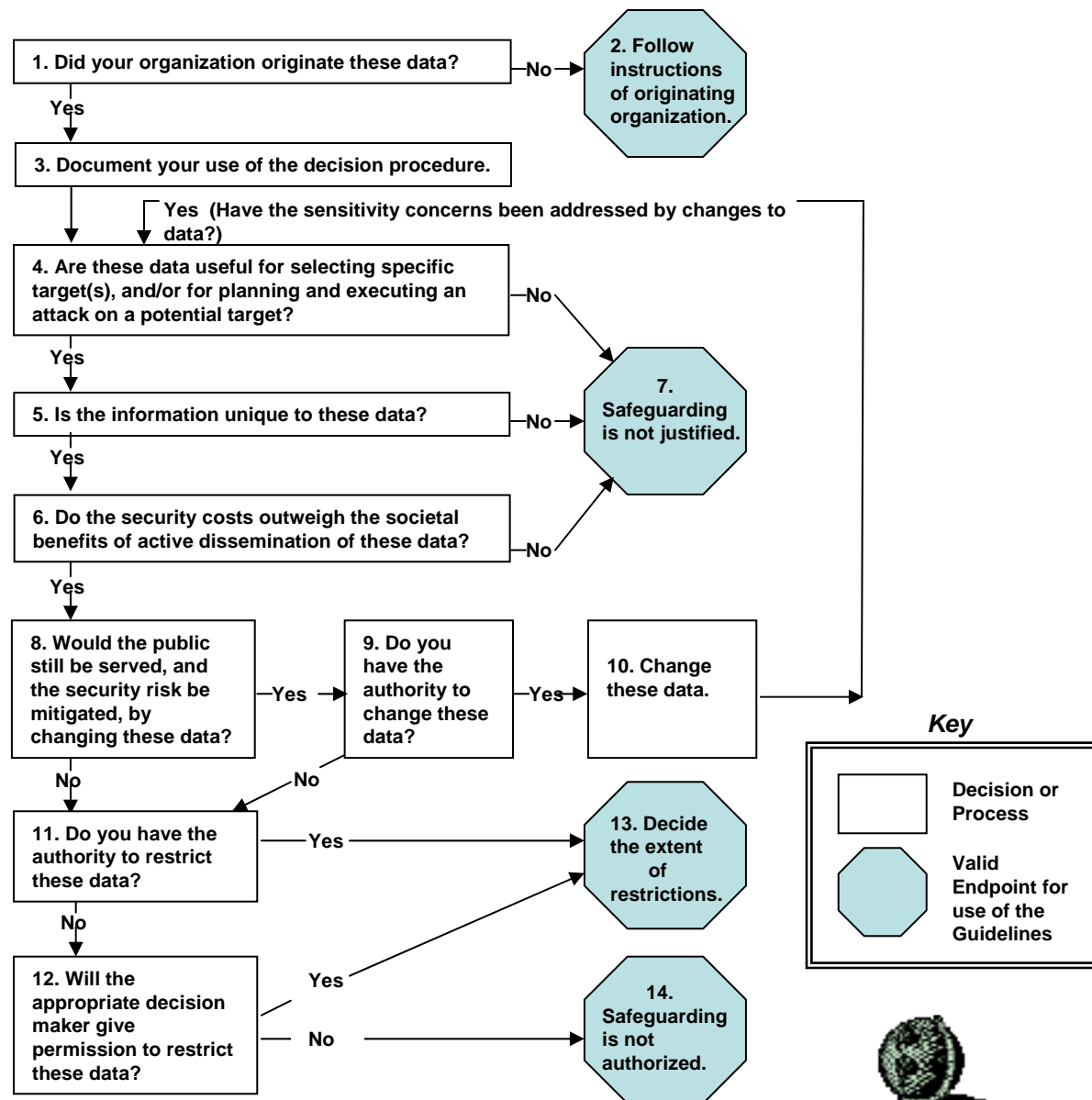
### ■ ***Accomplishments***

- *Support DHS Geospatial Data Model Development*
  - *Coordination of Public Review and Comment Adjudication*
- *Source for communicating information about the DHS GDM*
  - *DHS GDM Version 2.0 Documentation and Implementation Tools available at FGDC HSWG webpage ([www.fgdc.gov/dhsgdm](http://www.fgdc.gov/dhsgdm))*
    - *Logical data model*
      - *Vendor Neutral*
      - *Not a Physical Implementation*
  - *Grant guidance*
    - *Source to understand the data needs and content of interest to homeland security community*
    - *Data collection content definition*



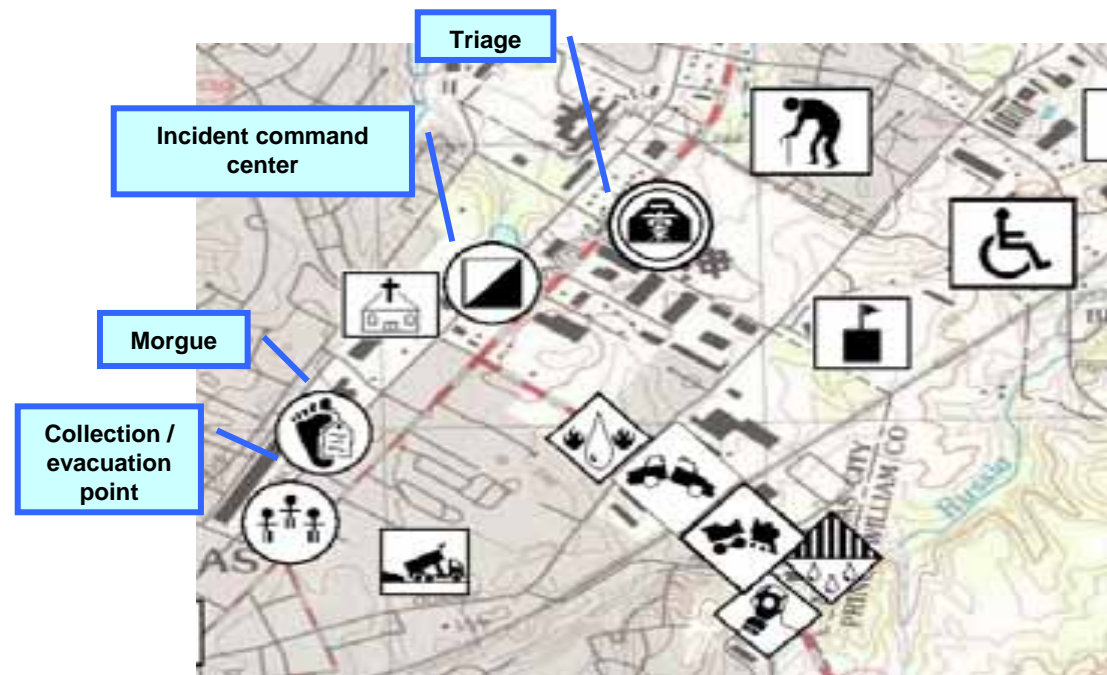
## Accomplishments

### Guidelines for Data Access in Response to Security Concerns



## ■ Accomplishments

- o *ANSI INCITS 415-2006 Homeland Security Mapping Standard - Point Symbolology for Emergency Management*





## Homeland Security Working Group

### ■ Activities In Progress

#### ○ Recommendations for New A-16 NSDI Data Themes & Lead Agencies

##### New Themes

##### HSPD-7 SSAs

##### New Theme Leads

Agriculture and Food	USDA and DHHS	USDA and DHHS
Defense Industrial Base	DOD	DOD
Energy (except comm. nuclear)	DOE	DOE
Public Health and Healthcare	DHHS	DHHS (Public Health)
CR & Nat'l Monum and Icons	DOI	DOI/NPS (Cultural Resources)
Banking and Finance	DOTreas	DOTreas
Drinking Water & Waste Treat Sys	EPA	EPA
Chemical	DHS OIP	DHS OIP
Commercial Facilities	DHS OIP	DHS OIP
Dams	DHS OIP	DHS OIP
Emergency Services	DHS OIP	DHS OIP
Nucl Reactors, Mat'ls and Waste	DHS OIP	DHS OIP
Information Technology	DHS OCS&T	DHS OCS&T
Communications	DHS OCS&T	DHS OCS&T
Postal and Shipping	DHS TSA	DHS TSA
Transportation Systems	DHS TSA and USCG	DOT/BTS,USACE, DHS/TSA/USCG
Build & Government Facilities	DHS ICE and FPS	GSA, DHS/ICE and DHS/FPS







### ***Activities In Progress***

- o *Continued Coordination of DHS GDM Reviews*
  - *Version 2.0 released Feb 2008, one year maintenance cycle*
  - *Schema Subset Generation Tools*
    - *Oracle Spatial*
    - *ESRI Geodatabase*
    - *NIEM*
- o *Standardize “access” and “use” constraint verbiage for HLS metadata*
  - *Proposals from Homeland Infrastructure Foundation Layer Database (HIFLD) Working Group*
  - *Guidance for HSIP Freedom data sets*





### ***Activities In Progress***

- o *Geospatial One-Stop HLS Community*
  - *Recent Modifications to Enhance Cross Border Data Discovery and Access*
  - *New Homeland Security Infrastructure Program (HSIP) Pages (TBD)*
- o *New Symbolology Subgroup*
  - *Extensions to ANSI INCITS 415 Point Symbols*
  - *New Symbol Sets*
  - *Call for Participation*
    - *Chair - Robert Phillips, US Coast Guard*  
*Robert.L.Phillips@uscg.dhs.gov*





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### ■ ***Contacts and URLs***

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- *DHS Geospatial Data Model*  
*www.fgdc.gov/dhdgdm*
- *Access Guidelines*  
*http://www.fgdc.gov/policyandplanning/Access%20Guidelines.pdf*
- *Emergency Response Symbolology*  
*http://www.fgdc.gov/HSWG/index.html*

