



Homeland
Security

Geospatial Management Office

DHS GMO Overview and Program Updates

Prepared by GMO

11FEB14

UNCLASSIFIED

Agenda

- GMO Overview

- GMO Program Updates
 - HLS GeoCONOPS
 - Geospatial Information Infrastructure
 - DHS Common Operating Picture

- Questions/Open Discussion

GMO Overview

- Community leader in geospatial governance bodies that support national policies and directives
- Develop community mission blueprint that identifies mission requirements, authoritative data sources, procedures, and best practices
- Deliver high quality, time dominant, geospatial data that is aligned mission requirements
- Provide a shared geospatial infrastructure platform that hosts enterprise viewing tools, data, and analytic services/applications
- Drive the adoption of information sharing, collaboration, situational awareness, and geospatial context to the community

Deliver geospatial enterprise services to Federal, State, Local, Tribal, Private Sector, and NGO mission partners in direct support of Homeland Security and Defense.

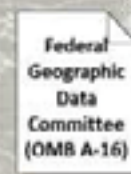
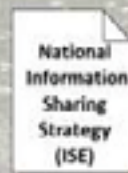
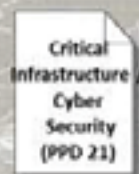
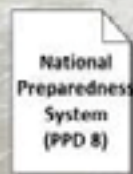
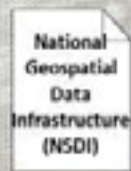
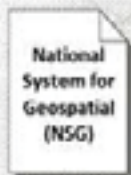
NATIONAL GEOSPATIAL POLICY LANDSCAPE

Public Laws / U.S. Codes

OMB Circulars

Presidential Directives

Executive Orders



National policies and directives facilitate collaborative geospatial governance

NSG

FGDC

Develop a mission blueprint that identifies requirements, authoritative data, processes, and best practices

Homeland Security GeoCONOPS

Version 5.0 Complete; Version 6.0 in development and review by GeoCONOPS Interagency Oversight Team (DHS GIO Facilitated).

Deliver high quality, time dominant geospatial data aligned to mission requirements

Foundation (HSIP) and Operational Data Supporting National Policy Directives

HIFLD Facilitated using GeoCONOPS as guide.

Provide infrastructure platforms, across all operating levels, that host enterprise tools, data, and services/applications

Geospatial Interoperability Architecture



Drive the adoption of information sharing, collaboration, situational awareness, and geospatial context to the community



Common Services: CAGS,
Common Operational Data: HSIP
Common Standards: OGC, UCORE, NIEM, GFIPM



HLS GeoCONOPS Summary

- GeoCONOPS compliments/supports a larger set of national initiatives and policies to help align key geospatial resources and capabilities
- GeoCONOPS provides States/locals a key resource for understanding the larger geospatial community supporting Homeland Security (who, what, and when)
 - Build better understanding between operators, technicians, and consumers
 - Promote the tradecraft and Advance the technology and innovation
- GeoCONOPS serves as a strategic resource for planning and a tactical resource for finding available data, tools, and best practices



- GeoCONOPS Overview
- Geospatial Requirements & Capabilities
- PPD-8 Mission Area Detail
- Disaster Operations
- Catastrophic Event Scenario Discussions
- Authoritative Data Listing
- Best Practices & Appendices

Print Media



Fold-out Poster/Fact Sheet



Quick Start Guide



Full Print Version

Online Resources



Web/CBT Training



Website
(Beta Available Now)



Mobile App
(Coming Winter 2014)

Co-sponsored Products

- Geospatial Standard Operating Guide
- Coastal Oil Spill Geospatial SOG Annex
- WildFires Geospatial SOG Annex
- US National Grid Geospatial SOG Annex
- Incident Symbology Report of Findings
- Capabilities & Readiness Assessment Tool



- Full Review of Appendix B (Authoritative Data)
- New Annex - Intelligence and Law Enforcement (Intel/LE)
- Revision of Appendix G – US National Grid
 - In-line with NAPSG Implementation Guide
- New Appendix covering the FEMA Modeling and Data Work Group
- Minor edits across entire document

Intel/LE Annex

- GeoCONOPS will provide Intel/LE Geospatial Community:
 - Source for authoritative data
 - Identification of missions and stakeholders
 - Sources of geospatial best practices
 - Sources for technical capabilities
- Engagement with:
 - DOJ
 - CBP
 - Secret Service
 - ICE
 - USCG
 - Intelligence Community



HLS GeoCONOPS Online

- Beta Site available now!
- Accessible from HSIN GIS COI and GII
- Migration to GeoPlatform underway
- Provides entire content of the HLS GeoCONOPS
- Users can Search document content and data listing
- Data catalog is searchable by PPD-8 or ESF missions
- Cross platform mobile views will be available after formal designation of URLs



GeoCONOPS Training Modules

- Identified as an after-action requirement from NLE 2011
- Training is Presented in Three Modules:
 - **Executive Overview** – *For Decision Makers and Executives*
 - **GeoCONOPS in Depth** – *Importance to Federal Doctrine and the National Preparedness Lifecycle*
 - **GeoCONOPS in Use** – *For Emergency Managers, Incident Commanders and Geospatial Practitioners*
- Courses became available in October on:
 - FLETC
 - FEMA EMI



- Staff draft version of HLS GeoCONOPS v6 to the community in April/May for review and comment

- Publish HLS GeoCONOPS v6 in late-June
 - On Track to Deliver

- Publish Intel/LE Annex separately via DHS GII and IntelLink

- Integrate HLS GeoCONOPS Online into FGDC GeoPlatform website

- Expand future versions to support PPD-21 Direction

Key Contacts and Resources

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Resources:

Web Links:

Geospatial Information Infrastructure	https://gii.dhs.gov	(requires an HSIN user account)
GeoCONOPS Online (Beta)	http://geoconops.ardentmc.net	(Beta site)
GeoCONOPS Print downloads	http://www.napsgfoundation.org/blog/napsg-blog/146-geoconops-version-50-now-available	
Geospatial Standard Operating Guides	http://www.napsgfoundation.org/blog/napsg-blog/148-napsg-standard-operating-guidance-documents	
Capabilities & Readiness Assessment Tool	http://carat.napsgfoundation.org/	

Training Links:

GeoCONOPS Overview:	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-60
GeoCONOPS In-Depth:	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-61
GeoCONOPS In-Use:	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-62
GII:	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-63