

December 17, 2014 FGDC HIFLD Subcommittee Meeting



## Contents

1.0 Logistics.....	1
1.1 Date/time.....	1
1.2 Call-in & webinar instructions .....	2
2.0 Agenda .....	2
2.1 Introductions.....	2
2.2 Review and approval of HIFLD subcommittee meeting agenda.....	2
2.3 Welcome .....	2
2.4 Charter Review.....	3
2.4.1 Operational Framework.....	3
2.4.2 ExecSec Work Priorities .....	3
2.5 For Information.....	4
2.5.1 NOX process.....	4
2.5.2 DHS COD Requirements.....	4
2.6 NUCI presentation, Mr. Roger Mitchell, Senior Vice President, MDA Information Systems .....	4
2.7 Open Discussion.....	5
2.8 Action Items .....	5

# 1.0 Logistics

## 1.1 Date/time

Wednesday, December 17, 2014  
 3:00-4:00 PM Eastern Daylight Time  
 301 7th Street SW, Washington DC (Room #3309)

## 1.2 Call-in & webinar instructions

1-800-320-4330, PIN: 215132

<https://share.dhs.gov/r8oaecsbmle/>

## 2.0 Agenda

### 2.1 Introductions

Attendee	Affiliation	Comment
1. Daniel Agold	DHS Infrastructure Protection (IP)	Call In
2. Noe 'Isaac' Cavazos	DHS IP	Call In
3. Nate Workman	Federal Emergency Management Agency (FEMA)	Call In
4. Todd Spangler	Department of Defense (DOD), Office of Assistant Secretary of Defense – Homeland Defense (OASD-HD)	
5. David LaBranche	DOD, Office of the Under Secretary of Defense, Installation and Environment(OUSD-I&E)	Call In
6. Mike Smith	National Geospatial-Intelligence Agency (NGA) Source	Vice-Chair
7. Tommy Durr	NGA Source	
8. Gilbert Rios	NGA	
9. Tina Smith	Department of Justice (DOJ)	
10. David Alexander	DHS Geospatial Management Office (GMO)	Chair
11. Mark Shafernich	DOJ	
12. Harvey Simon	Environmental Protection Agency	Call In
13. Mike Donnelly	DHS GMO	Presenter/ Secretariat
14. Steve Lewis	Department of Transportation	Call In
15. Glenn Bethel	US Department of Agriculture	Call In
16. Lynda Liptrap	Census	Call In
17. Travis Hardy	Ardent – HIFLD Exec Sec Support	
18. Julie Sokol	BAH – HIFLD Exec Sec Support	
19. Casey Theisen	BAH – HIFLD Exec Sec Support	Call In
20. Justin Sherin	BAH – HIFLD Exec Sec Support	Call In
21. Melissa Connors	Ardent – HIFLD Exec Sec Support	Call In
22. Heather Gilbert	NOAA	
23. Roger Mitchell	MDA	Presenter

### 2.2 Review and approval of HIFLD subcommittee meeting agenda

Agenda was endorsed by all Subcommittee attendees.

### 2.3 Welcome

Mr. Alexander welcomed and thanked all subcommittee members for their participation. It was requested that members provide input on who invites should be extended to for participation in the subcommittee. Mr. Alexander proposed the inclusion of the following organizations:

Organization:	Nominated By:	Seconded By:	Dissentions/ Absentions	Motion Status:
National Capital Regional (NCR) Planning Committee	David Alexander	Todd Spangler	None	Passed
US Postal Service (USPS)	David Alexander	Mike Smith	None	Passed
National States Geographic Information Council (NSGIC)	David Alexander	Mike Smith	None	Passed

**ACTION:** Extend invite for participation in the HIFLD Subcommittee to: NCR, USPS, NSGIC

**ACTION:** HIFLD Subcommittee to provide other recommended groups to Michael Donnelly (Secretariat)

Mr. Smith discussed his goals to travel 50% and build partnerships within the community. If any subcommittee member has recommendations on who he should engage please let him know.

Mr. Alexander adjusted the agenda to first address Subcommittee actions and then allow Mr. Mitchell to have the remainder of the meeting for his presentation on NUCI.

## 2.4 Charter Review

### 2.4.1 Operational Framework

There are several events planned for FY15. There will be bi-monthly Program Management Group (PMG) meetings and quarterly subcommittee meetings.

Events for FY15 include:

1. ESRI Federal Users Conference – Feb 9-10, agenda vote
2. The National Preparedness Summit – May 2015. This is being worked with Mr. Lewis. Conversations have started on venues, including NSGIC and the National Guard. It will need to be determined how private industry will be engaged and included.

### 2.4.2 ExecSec Work Priorities

There are still key transition items that need to occur, to include the migration of the HIFLD website from .org to .gov under HSIN. Users will need to establish HSIN accounts, but the goal is to not disrupt any current functionality on the website or the distribution of HSIP 2015. If users already have a HSIN account, no additional action will be required.

Additional priorities include: providing an executive level summary on COD/HSIP data usage across HIFLD community and develop a data analysis SOP for analyzing and researching sharing constraints on Common Operating Data/HSIP.

Mr. Donnelly asked for volunteers to set up a Tiger Team to look at data licensing. Mr. Shafernich, Mr. LaBranche, and Mr. Simon all volunteered for the Tiger Team.

**ACTION:** HIFLD Subcommittee members to respond with interest in Tiger Team to Mr. Donnelly (Secretariat) [Michael.Donnelly@hq.dhs.gov](mailto:Michael.Donnelly@hq.dhs.gov)

## **2.5 For Information**

### **2.5.1 NOX process**

Mr. Rios provided a highlight of the National System for Geospatial Intelligence (NSG) NSG Operational Executive (NOX) process. NOX was developed in response to Chairman of the Joint Chief of Staff Instruction 3901.01D. This instruction establishes policy for the identification, prioritization, and submission of Geospatial Information and Services (GI&S) requirements in support of joint military operations. This instruction validates and defines the strategy to consolidate and prioritize GI&S requirements to ensure optimal use of production resources. Agencies who need Foundation GEOINT (FG) from NGA must submit their requirements through this process; FY16 process begins this spring to start identifying requirements.

As a response DHS has submitted DHS Common Operational Data (COD) to NGA for inclusion. This is the first time using the NOX process for these type of requirements for Homeland Security so they are also reaching to NORTHCOM for requirements. This is the perfect way to bring visibility and possibly funding needs for HLS data requirements.

### **2.5.2 DHS COD Requirements**

Mr. Donnelly discussed the COD requirements presented to the HSIP Collections Manager in October 2014 per request from NGA. The COD Identified HSIP as a mission essential data product. The COD included additional data products in human geography, aeronautical, and maritime domains and requested NGA to provide response to identify what data requirements would be fulfilled. It is a goal to have the HIFLD Subcommittee review the COD, provide feedback, and endorse the COD on behalf of the HIFLD enterprise. A baseline imagery review was also created with the goal to have the Subcommittee review the priorities and provide feedback on timelines. Mr. Spangler discussed the telecommunications dataset Telecordia, and that several organizations are purchasing and there is a need to look at consolidation of licensing.

The HIFLD Subcommittee tabled a vote to endorse DHS's COD requirements which were submitted for the FY16 NSG NOX cycle until the next HIFLD meeting in February 2015.

## **2.6 NUCI presentation, Mr. Roger Mitchell, Senior Vice President, MDA Information Systems**

Mr. Mitchell presented the Persistent Change Monitoring (PCM) product developed by MDA. Currently DHS and NGA both purchase license for PCM, DHS version is known as

NUCI – National Urban Change Indicator and NGA versions is known as RPM – Refined Persistent change Model. PCM identifies likely locations of new construction, deforestation, land cover, and wetland loss but avoids seasonal changes caused by agriculture.

Currently NUCI has 27 years of indicated land change. The license was purchased in 2010 and is for the lower 48 States. RPM is near global coverage with 16 years of data. MDA offered to FGDC an unlimited license if 5 agencies purchased the data at a base price of \$1.1 M. Currently DHS is the only agencies purchasing with this base license.

Ms. Smith discussed the need to know where vegetation changes occur.

**ACTION:** Provide MDA presentation to Subcommittee

## 2.7 Open Discussion

No additional agenda items or discussion occurred. Meeting adjourned.

## 2.8 Action Items

The action items from the Subcommittee meetings are as follows:

Item #	Action Item	Owner	Status
2014-12-17-01	Extend invite for participation in the HIFLD Subcommittee to: NCR, USPS, NSGIC	M. Donnelly	
2014-12-17-02	HIFLD Subcommittee to provide other recommended groups to Michael Donnelly	Subcommittee	
2014-12-17-03	HIFLD Subcommittee members to respond with interest in Tiger Team to Mr. Donnelly	Subcommittee	
2014-12-17-04	Provide MDA presentation to subcommittee	HIFLD Exec Sec	Complete