June 1, 2016 FGDC HIFLD Subcommittee Meeting

Contents

1.0 Logistics

1.1   Date and Time

Wednesday, June 1, 2016
13:00- 15:00 PM Eastern Daylight Time
DHS NPPD
Room 01-002
1401 South Clark Street, Arlington, VA 22202

1.2   Call-in/Webinar Instructions

Call Bridge: 1-800-320-4330
Conference Pin: 493685
Webinar Link: https://share.dhs.gov/r3xfmua4lpk/

2.0 Agenda

2.1   Introductions

Primary	Affiliation	Comments
David Alexander	DHS	Chair
Mike Donnelly	DHS	Secretariat
Mark Shafernich	DOJ	Vice-Chair
Georgette Holmes	DHS	
Robert Odell	DHS	
Kara Buckley	DHS	
Robert Hansen	DHS NPPD	
Amy Youmans	DHS- FEMA	Call-in/Webinar
Chris Vaughan	DHS- FEMA	
Charles Spicer	DOC	
Dierdre Bevington	DOC	Call-in/Webinar
Lynda Liptrap	DOC	Call-in/webinar
Tim Trainor	DOC	
David LaBranche	DOD	Call-in/Webinar
Todd Spangler	DOD	Call-in/Webinar
Todd Dabolt	DOI	
David Saghy	DOI	
Tina Smith	DOJ	
Steve Lewis	DOT	Call-in/Webinar
Raquel Hunt	DOT	Call-in/Webinar

Wendy Blake-Coleman	EPA	Call-in/Webinar
Harvey Simon	EPA	
Nate Workman	FEMA	Call-in/Webinar
Rebecca Harned	NAPSG	
Mike Liddle	NCR GDX	Call-in/Webinar
Mike Piscotti	NGA	
Todd Bolen	NGA	
Jack Settelmaier	NOAA	Call-in/webinar
Heather Gilbert	NOAA	Call-in/webinar
Ken Miller	NSGIC	
Bill Burgess	NSGIC	Call-in/webinar
Wendy Nelson	URISA	
Doug Adams	URISA	Call-in/webinar
Glenn Bethel	USDA	Call-in/webinar
Ted Payne	USDA	
Julie Sokol	ArdentMC	
Sarah Spalding	ArdentMC	
Travis Hardy	ArdentMC	
Justin Reed	BAH	

2.2 Welcome

Mr. Alexander and Mr. Shafernich welcomed everyone to the HIFLD Subcommittee meeting. Mr. Donnelly thanked Ms. Holmes for hosting the event.

2.3 Key Questions

Mr. Donnelly highlighted the three thematic questions that would frame the June subcommittee meeting:

- What is the status of HIFLD data enhancement efforts?
- How are HIFLD capabilities evolving in the near term to support long-term data quality and currency objectives?
- What are recent or upcoming HIFLD community happenings on the horizon that are of importance to the subcommittee?

2.4 Review and Approval of HIFLD Subcommittee Meeting Agenda

Agenda was endorsed by all subcommittee attendees.

3.0 HIFLD Governance
3.1 Action Item Review (Informational)

The action items for the Subcommittee meeting are as follows:

Item #	Action Item	Owner	Status
2015-10-28-06	Exec. Sec meeting with NDOP and 3DEP	HIFLD Exec Sec	In work
2015-12-15-02	Coordinate with GeoPlatform regarding NGDA metrics and portfolio management for A16.	HIFLD Exec Sec	Completed
2015-12-15-03	Conduct Tier One Data Enhancement	HIFLD Data Team	In work
2015-12-15-04	Look into parcel data acquisition and collaborate/reach out to FGDC Cadastral Committee	HIFLD Exec Sec	In work
2015-12-15-05	Gap analysis of cybersecurity-relevant communication layers for DOD	HIFLD Data Team	In work
2016-02-02-03	Obtain feedback on parcels (i.e. desired data attributes)	HIFLD Exec Sec	In work
2016-02-02-04	Plan parcel data workshop	HIFLD Exec Sec	In work
2016-04-05-01	Replace FEMA Recovery Centers layer with Joint Field Offices	FEMA	Approx 1 year
2016-04-05-02	Inquire with NPPD regarding status of IAL	Georgette Holmes	Quarterly NPPD Meeting
2016-04-05-03	Decide whether to maintain IAL in HIFLD	Subcommittee	Future SC Meeting
2016-04-05-04	Promote NAPSG symbology efforts to solicit feedback	Exec Sec and NAPSG	Late May 2016

4.0 Data Access, Discoverability, & Online Dissemination

4.1 HIFLD Open Data Analytics (Informational)

Mr. Donnelly discussed the successes in HIFLD Open by displaying the metrics in how the platform is being used. He highlighted that there are both new and returning visitors, showing that the data is being used and getting traction. In addition, he mentioned that HIFLD Open is being circulated on social media networks.

4.2 Update on HIFLD 'Secure' Data Application (Informational)

Mr. Hardy discussed the upcoming release of HIFLD Secure which is set to launch at the end of June. With this new platform for secure HIFLD data, there are no plans to make an HSIP 2016 DVD. However, the HSIP 2015 DVD will continue to be shipped out as long as there is stock.

Announcements regarding data releases such as transportation and enhanced data layers

will be made through the HIFLD inbox. The Exec Sec is working to communicate about when users should expect data to arrive.

HIFLD will continue to take a "HIFLD Open first" policy with the hope of making more data layers available to the public. Moreover, HIFLD is looking to harvest web services that are maintained directly by the data provider. Static data will continue to be rehosted when necessary although it is not the preferred approach.

It was inquired how frequently the data would be updated. Mr. Hardy said that HIFLD is working to get quarterly updates but this will not happen right away. Some data will be updated annually whereas others may be quarterly due to contracting. The goal is to do ongoing and rolling releases of data updates as they come. By working directly with data providers and instantiating data on the HIFLD Secure and Open platforms, the hope is that delivery chains will be shortened.

Mr. Hardy provided a brief demo on the unreleased HIFLD Secure application which is hosted on the Geospatial Information Infrastructure (GII) and will be showcased during the National Security Summit at the Esri International Users Conference. The HIFLD Secure app will provide access to the restricted HIFLD datasets in an online environment. The landing page of the HIFLD Secure app has a similar look and feel to HIFLD Open – users will find the data grouped in the same categories and will be able to download the data to use offline or utilize them as web services. Mr. Hardy also demonstrated that all users with HSIN credentials will have access to HIFLD Secure data. In addition, there are layers that are limited to state and federal users. Individuals will be able to request it via the HIFLD website and will be granted access if eligible. These data will be found in the HIFLD Secure and Licensed groups.

5.0 Data Analysis, Prioritization, & Enhancement Efforts

5.1 Priority One Enhancement Update (Informational)

Mr. Reed discussed the current status of ongoing efforts to improve non-licensed HIFLD data. So far, the NGA team has gone through all of the data and conducted a quality control assessments evaluating spatial accuracy, metadata, etc. and identifying any inconsistencies. Data providers were contacted as part of this and the HSIP support team provided assistance when necessary to remediate any issues. Once data has been enhanced, it is transferred over to DHS for dissemination.

Mr. Reed discussed some successes in working with data providers as well as some challenges, mainly identifying data providers that the team has had trouble contacting for this effort. He requested that Subcommittee members provide any POC information for these data so as to move forward with the enhancement process and data provider engagement.

5.2 Adjustments to Current HIFLD Layers

(Decisional)

Continuing from the previous subcommittee meeting, Mr. Donnelly raised datasets that were potential candidates for removal or replacement. As discussed previously, he brought up the FEMA Recovery Centers and inquired with Ms. Youmans if there were any updates in this regard. She said there were no updates currently and that it is still projected to be replaced in approximately a year with more robust FEMA datasets.

The DHS Infrastructure Asset List (IAL) was discussed in detail by Ms. Buckley. She stated that this subset of infrastructure is not maintained. OCIA does not own it and so they could not recommend it for removal. However, she did mention that it is being used by someone in DoD indicating that is of potential use.

OCIA is currently going through a process over the next 6 months to year in which a dataset of a subset of infrastructure relevant to OCIA is being developed. Providing a subset of this dataset for HIFLD and a wider audience in general is in consideration although she emphasized that there will not be a one-for-one match with the IAL and is not necessarily intended to support the same kind of activity as the IAL. Ms. Buckley specified that the type of infrastructure being collected for this dataset will be that of interest OCIA during certain events (i.e. hospitals with certain numbers of beds).

Mr. Alexander recommended that a disclaimer regarding the lack of currentness in the IAL be clearly stated in the metadata in the interim of any decision to remove it. He stated that a meeting should be held to further discuss the potential removal of data and to understand how potential replacement data might differ and what needs it will meet.

Mr. Donnelly concluded this discussion stating that a follow-up conversation will be held with OCIA to discuss the new asset list that is being developed and inquiring how it will be incorporated in the catalog and whether the IAL should be maintained. In addition, he reiterated that the Exec Sec would attempt to update the metadata to show the status change and explain to the community what this means.

6.0 HIFLD Community Topics
6.1 Symbology Effort Context and Feedback Request (Informational)

Ms. Harned from NAPSG provided an update from the previous subcommittee meeting regarding the NAPSG symbology effort. She reiterated from the prior meeting that NAPSG has been looking at infrastructure symbols as this is a major area where responders run into issues because symbology is not necessarily intuitive unless the key or legend available which is not always prevalent in web mapping.

As part of this effort, NAPSG took the HIFLD data model, identified the top 100 infrastructure layers and developed symbols for 84 of these layers in collaboration with their working group. NAPSG would like the HIFLD Subcommittee to complete their feedback tool as part of the final round of feedback. The survey is simple and binary, providing a comparison between the existing symbol vs. the new symbol. There are also

opportunities within the feedback tool for stakeholders to provide comments. Once the feedback tool has closed, the symbols will go into production. The symbols will be open and free to use in multiple formats (e.g. PNGs, SVCs, style sheets, etc.) through the NAPSG Symbology Library tool.

As an action item, the URL for the feedback tool will be distributed and stakeholders have until June 22 to provide feedback regarding the new symbology.

1.1 Parcel Data Procurement Efforts (Informational)

Mr. Bolen discussed the parcel data procurement efforts first stating that procurement is not trying to replace efforts made by state and locals but this problem has been evaluated for 30 years and the commercial industry now has a viable solution and concrete options.

The rollout date for the parcel data is a moving target and it may not be until the end of August until the contract is finalized and the data is released. The data will be commodity/licensed and therefore available for use by federal and designated state agencies with Emergency Operation Centers as the target audience. The data will not be available to locals in the current iteration.

The Exec Sec is hosting the Parcels for the Nation Summit and bringing in parcel data to see how it can be used by the community and to open the aperture on how to get parcels for the entire nation regardless of the use case.

1.2 Parcels for the Nation Summit Agenda (Decisional)

Mr. Hardy briefly discussed the Parcels for the Nation Summit which will be and all-day session held at USGS on June 17. This date was chosen by FGDC because it is the end of NGAC and they would like to take advantage of those individuals being in town.

There are emerging requirements and the hope is that the initial purchase of the parcel data will jumpstart and facilitate a national conversation in concert with the FGDC.

Mr. Hardy discussed the agenda which will cover the history of parcels, progress that has been made, relevance to HIFLD, the community perspective, action items, and programmatic ways to instantiate national parcels. The event will be capped at 100 individuals and it was requested that those who would like to attend and have not received an invite or have designees that want to attend should contact the Exec Sec.

1.3 Recognition of Mr. Bolen

Mr. Alexander took the time to thank Mr. Bolen for his outstanding leadership over recent years. He recognized his efforts in heling shepherd the HIFLD working group to a subcommittee meeting as well as commodity data acquisition efforts. Mr. Alexander stated that Mr. Bolen has worked towards openness an unlocking data to the community. He stated that HIFLD will be losing an outstanding member but knows that he will continue to be a champion and advocate.

Mr. Bolen thanked Mr. Alexander as well as the HIFLD Subcommittee and stated that the community has a long way to go but has come a long way and will continue to be in good hands with Mr. Piscotti. He encouraged closer coordination with GMO counterparts to ensure that the transition goes smoothly.

1.4   North American Rail Network (NARN) Update, DOT (Informational)

Ms.Hunt representing the FRA Office of Railroad Policy and Development at DOT provided an update regarding the North American Rail Network (NARN) effort. Please refer to the slide presentation provided for additional details.

2.0 Upcoming Events (Informational)

HIFLD will have a presence at the Esri International Users Conference at the end of June. HIFLD Secure will be debuted during the National Security Summit and there will be a HIFLD booth throughout the week at the main conference in the Government section.

In addition, the 2016 NAPSG Geospatial Preparedness Summit from September 13-14 was highlighted and Ms. Harding mentioned that there are limited seats remaining so those interested in attending should act quickly.

Event	Dates	Location
HIFLD Parcel/Address Data Summit (by invitation only)	June 17, 2016	Reston, VA
Esri Nat'l Security Summit/ Users Conference (HIFLD Booth)	June 25th- 30th, 2016	San Diego, CA
Subcommittee Meeting	July 26th, 2016	Springfield, VA
Subcommittee Meeting	September 13th, 2016	Washington, D.C.
2016 National Geospatial Preparedness Summit (NAPSG)	September 13th-14th, 2016	Washington D.C.
2016 HIFLD Feedback Session	October 5th, 2016	Reston, VA
National Fusion Center Association (NFCA) Training Event	October 25th-27th, 2016	Alexandria, VA

3.0 Open Discussion

There was brief open discussion at the end of the meeting during which data on water distribution centers for municipalities was identified as a potential candidate for inclusion in HIFLD. Mr. Bolen encouraged those interested in proposing candidates for inclusion to get in touch with the Exec Sec to formally nominate datasets.

No additional agenda items or discussion occurred. Meeting adjourned at approximately 2:30 PM. An invite will be sent to concerned parties later for the next HIFLD Subcommittee meeting which will be held at NGA on July 26. Those without a clearance or without the right level of clearance should work with HIFLD to get access to the facility.

4.0 Action Items

Item #	Action Item	Owner	Deadline
2015-10-28-06	Exec. Sec meeting with NDOP and 3DEP	HIFLD Exec Sec	In work
2015-12-15-01	Send invitations to HIFLD partner/member candidates	HIFLD Exec Sec	Completed
2015-12-15-02	Coordinate with GeoPlatform regarding NGDA metrics and portfolio management for A16.	HIFLD Exec Sec	Completed
2015-12-15-03	Conduct Tier One Data Enhancement	HIFLD Data Team	In work
2015-12-15-04	Look into parcel data acquisition and collaborate/reach out to FGDC Cadastral Committee	HIFLD Exec Sec	In work
2015-12-15-05	Gap analysis of cybersecurity-relevant communication layers for DOD	HIFLD Data Team	In work
2016-02-02-01	Vote on HSIP rebranding/repackaging	HIFLD Exec Sec	Completed
2016-02-02-02	Generate input and vote on HIFLD Community meeting agenda at FedUC	HIFLD Exec Sec	Completed
2016-02-02-03	Obtain feedback on parcels (i.e. desired data attributes)	HIFLD Exec Sec	Completed
2016-02-02-04	Plan parcel data workshop	HIFLD Exec Sec	In work
2016-04-05-01	Replace FEMA Recovery Centers layer with Joint Field Offices	FEMA	Approx 1 year
2016-04-05-02	Inquire with NPPD regarding status of IAL	Georgette Holmes	Future meeting
2016-04-05-03	Decide whether to maintain IAL in HIFLD	Subcommittee	Future meeting
2016-04-05-04	Promote NAPSG symbology efforts to solicit feedback	Exec Sec and NAPSG	Completed
2016-06-01-01	Have follow-up conversation with OCIA to discuss potential inclusion of the new asset list in development for HIFLD	Exec Sec and OCIA	In work
2016-06-01-02	Provide lack of currentness disclaimer in IAL metadata record	Exec Sec	In work