

**Federal Geographic Data Committee
Coordination Group Meeting
Tuesday, January 11, 2011
9:00 a.m. – 3:00 p.m.**

Location: National Capitol
Planning Commission
401 9th Street NW
Washington D.C. 20576

Room: 5th Floor, Commission
Chambers, Suite 500

AGENDA

9:00 – 9:10	Welcome and Roll Call	<i>Ivan DeLoatch, FGDC; Randy Fusaro, Census; Arista Maher, FGDC</i>
9:10 – 9:15	Previous Meeting Action Item Review	<i>Arista Maher, FGDC</i>
9:15 – 10:00	FGDC Business and Secretariat Report	<i>Ken Shaffer, FGDC</i>
10:00 – 10:30	Geospatial Platform Technical Deployment Task Team (TDDT) Update	<i>Steve Jackson, NGA</i>
10:30 – 11:00	Standards Work Group Update	<i>Julie Maitra, FGDC</i>
11:00 – 12:15	GWG/FGDC Standards Process Integration <ul style="list-style-type: none">• GWG Overview• Integration Approach and Discussion	<i>Mike Halston, NGA; Joan Barry, NGA; Ken Shaffer, FGDC; Julie Maitra, FGDC</i>
12:15 – 1:15	Lunch	
1:15 – 1:45	Wetlands Subcommittee Update	<i>Bill Wilen, FWS</i>
1:45 – 2:15	Cultural and Demographic Statistics Work Group Update	<i>Randy Fusaro, Census</i>
2:15 – 2:45	Geodetic Control Subcommittee Update	<i>Joe Evjen, NOAA</i>
2:45 – 3:00	Action Item Review & Next Meeting Agenda	<i>Arista Maher, FGDC</i>

3:00

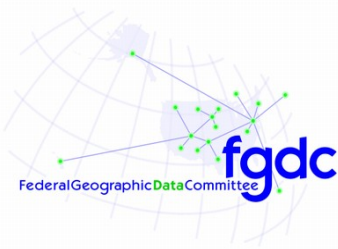
Adjourn

*Read-ahead Documents	<ol style="list-style-type: none"> 1. 2011-01-11 SWG GWG Presentation v5.pptx 2. CG DATT Terms of Reference 20110111 v4.docx 3. FGDC Business Report CG 20110111 v2.pptx 4. TDTT Update 20100111.pptx 5. Geodetic Control SC Update.ppt
Other Relevant documents	

* Read-ahead documents are located at the my.usgs.gov site for member access.

CG Meeting Planning

<p>Coordination Group Meetings Topics (in addition to the following standing items)</p> <ul style="list-style-type: none"> - Welcome and Introductions; - Previous Meeting Action Item Review; - FGDC Business Update; - FGDC Secretariat Report; - Summary of Action Items / Next Meeting Agenda; - Adjourn - All meetings are scheduled from 9am to 3pm EST at NCPC in D.C., unless otherwise noted
<p>January 11, 2011</p> <ul style="list-style-type: none"> • Reports from: Standards WG (Julie Maitra); Wetlands SC (Bill Wilen) and Cultural and Demographic Statistics WG (Randy Fusaro); Geodetic Control SC (Joe Evjen). • Other Topics: GWG Standards Body (Greg Black).
<p>February 8, 2011</p> <ul style="list-style-type: none"> • Reports from: Cadastral SC (Don Buhler) and Users/Historical Data WG (Colleen Cahill).
<p>March 8, 2011</p> <ul style="list-style-type: none"> • Reports from: Vegetation SC (Ralph Crawford) and Homeland Security WG (TBD, depending on WG's status).
<p>April 19, 2011</p> <ul style="list-style-type: none"> • Reports from: Geologic SC (Dave Soller); Spatial Water Data SC (Tod Dabolt and Bob Pierce).
<p>ExCom Liaison Schedule</p> <ul style="list-style-type: none"> • February 8: Dan Cotter • March 8: Jerry Johnston • April 19: Karen Siderelis • May 10: Joe Klimavicz • June 14: Adrian Gardner



Federal Geographic Data Committee Coordination Group Meeting ACTION ITEMS Through December 14, 2010

Complete		
Lead:	Ivan DeLoatch, FGDC	Action#: 20100511-03
Action:	The FGDC Secretariat will put together a written proposal regarding the Document Adjudication Team and will send it out for concurrence by the CG.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/ Response:	The Secretariat drafted the Document Adjudication Task Team Terms of Reference for CG review and comment. See Action#: 20110111-01 .	
Pending		
Lead:	Ivan DeLoatch, FGDC	Action#: 20100720-01
Action:	The FGDC Secretariat will develop a more formal mechanism for communicating standards status to higher-level bodies, including Steering Committee and Executive Committee, with special attention to how it ties into the Geospatial Platform.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/ Response:	The Standards process will be discussed further during today's meeting. Improved standards reporting is part of this effort.	
Pending		
Lead:	Executive Committee	Action#: 20100921-04
Action:	The Executive Committee will discuss the next steps on the IFTN RFI and report back to the Coordination Group.	
Contact:	Karen Siderelis, DOI, karen_siderelis@ex.ios.doi.gov	
Resolution/ Response:		
Pending		
Lead:	Grant Thornton	Action#: 20101109-09
Action:	Grant Thornton will identify tasks to pursue under the Supplemental Guidance that will move the Geospatial Platform forward.	
Contact:	Hank Garie, Grant Thornton, henry.garie@gt.com	
Resolution/ Response:	Subtasks are in development.	
Pending		
Lead:	Coordination Group Members	Action#: 20101214-01
Action:	Coordination Group members are asked to identify any terminology, approaches, or processes within Version 3 of the Modernization Roadmap for the Geospatial Platform that need to be realigned for consistency in Version 4 of the Modernization Roadmap. Recommendations should be submitted to Grant Thornton for the adjudication team.	

Contact:	Hank Garie, Grant Thornton, henry.garie@gt.com	
Resolution/ Response:		
Complete		
Lead:	FGDC Secretariat	Action#: 20101214-02
Action:	The FGDC Secretariat will work with the Executive Committee to receive their input on realignment of any terminology, approaches, or processes for harmonization of Version 4 of the Modernization Roadmap of the Geospatial Platform.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/ Response:	ExCom decided to hold a half-day meeting to discuss and address identified issues. The meeting will be scheduled sometime during the second week of January (tentative).	
Pending		
Lead:	Steve Jackson, NGA	Action#: 20101214-03
Action:	The Technical Deployment Task Team (TDTT) will add the creation and dissemination of the 2010 CSWG Inventory as the first subtask under the "Inventory Existing Federal Geospatial Capabilities" task in the Geospatial Platform.	
Contact:	Steve Jackson, NGA, steven.p.jackson@nga.mil	
Resolution/ Response:		
Pending		
Lead:	Coordination Group Members	Action#: 20101214-04
Action:	The Inventory of Existing Federal Geospatial Capabilities will be disseminated to Coordination Group members for input about any omissions to the list.	
Contact:	Randy Fusaro, Census, randy.j.fusaro@census.gov	
Resolution/ Response:		
Pending		
Lead:	FGDC Secretariat	Action#: 20101214-05
Action:	The FGDC Secretariat will meet with Grant Thornton to discuss how to address the subtask of refining and implementing a survey component to identify Platform business requirements, in relation to the Shared Infrastructure task.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/ Response:		
Pending		
Lead:	Coordination Group Members	Action#: 20101214-06
Action:	The gaps in the candidate list of themes and associated datasets for the Geospatial Platform will be identified by the Coordination Group, and recommendations will be made to resolve those discrepancies prior to the February 1, 2011 end date.	
Contact:	Randy Fusaro, Census, randy.j.fusaro@census.gov	
Resolution/ Response:		

Response:		
Pending		
Lead:	FGDC Secretariat	Action#: 20110111-01
Action:	There will be a 2-week review of the proposal to utilize Document Adjudication Task Teams (DATTs) for the Modernization Roadmap document. The FGDC Secretariat will then ask Coordination Group Members to vote electronically on whether or not to endorse the use of the DATTs.	
Contact:	Ken Shaffer, FGDC, kmschaffer@fgdc.gov	
Resolution/Response:	The decision of the CG at the 1/11/11 meeting was for the Secretariat to send out the current draft of the Document Adjudication Task Team (TDTT) Terms of Reference (TOR) for a two week review and endorsement by the CG. Review request was send via email 1/13/2011, due back in 2 weeks on 1/27/2011.	
Pending		
Lead:	FGDC Secretariat	Action#: 20110111-02
Action:	Gregg Black (NGA) will send to the Secretariat for distribution to the CG their available information on their Standards Open Support Processes they have developed.	
Contact:	Ken Shaffer, FGDC, kmschaffer@usgs.gov	
Resolution/Response:	Secretariat has requested any available information and will forward to members upon receipt.	
Pending		
Lead:	FGDC Secretariat	Action#: 20110111-03
Action:	The FGDC Secretariat will facilitate a discussion within the next two weeks to determine whether the Coordination Group Task Team on Standards will be established as a separate entity from the Standards Working Group.	
Contact:	Ken Shaffer, FGDC, kmschaffer@fgdc.gov	
Resolution/Response:		
Pending		
Lead:	Randy Fusaro and Wendy Blake-Coleman	Action#: 20110111-01
Action:	Randy Fusaro and Wendy Blake-Coleman will spearhead the Data Themes effort with respect to the Geospatial Platform.	
Contact:	Randy Fusaro, Census, randy.j.fusaro@census.gov ; Wendy Blake-Coleman, EPA, blake-coleman.wendy@epa.gov	
Resolution/Response:		

ID (yyyymmdd-#)	Decision/Description Decisions provide a position/foundation on which actions are taken.
20100511-01	A Document Adjudication Team will be formed. A written proposal will be put together for the concurrence of the Coordination Group.
20101109-02	Time Box tasks in the Geospatial Platform Roadmap would be revised based on meeting outcomes and stakeholder feedback.
20101109-03	Completing the Geospatial Platform Roadmap Version 4 is a number one

	objective for Platform activities.
20101109-04	Shared Infrastructure should be combined with or be addressed in conjunction with Common Services tasks.
20110111-01	The FGDC Coordination Group will synchronize the FGDC standards process with the GWG standards process.
20110111-02	A Coordination Group Task Team will be formed to take the next steps in the FGDC/GWG standards synchronization process.



Federal Geographic Data Committee Coordination Group Meeting MEETING MINUTES January 11, 2011

√	Coordination Group Attendees	Organization	√	Attendee	Organization
x	Shirley Hall	USDA- Farm Service Agency		Bill Wilen	DOI – US Fish & Wildlife Service
x	Marisa Capriotti	USDA – Natural Resources Conservation Service	x	Ivan DeLoatch	DOI – USGS/FGDC; Chair, CG
	Betsy Kanalley	USDA – US Forest Service		Dick Vraga	DOI – USGS
	Ralph Crawford	USDA – US Forest Service		Bob Pierce	DOI – USGS
	Juliana Blackwell	DOC – National Geodetic Survey	x	Dan Sandhaus	DOI - USGS
x	Tony LaVoi	DOC - NOAA		Edward Hugler	Dept of Labor – OASAM
x	Randy Fusaro	DOC – Census Bureau	x	Roy Standing	Dept of State
x	Anne O’Connor	DOC – Census Bureau		Mark Bradford	DOT - Research & Innovative Technology Admin
x	Steve Jackson	DOD - NGA	x	Raquel Wright	DOT – Federal Railroad Admin
x	David LaBranche	DOD - DISDI		Elaine Boston	Dept of Treasury
	Mitchell Fiedler	DOD - DISDI		Pheakdey Lim	Dept of Veterans’ Affairs
x	Nancy Blyler	DOD – US Army Corps of Engineers		Tom Garin	Dept of Veterans’ Affairs
	Tai Phan	Dept. of Education – Institute of Ed Statistics	x	Wendy Blake-Coleman	EPA
x	David Morehouse	Dept. of Energy – US Energy Info Administration	x	George Brilis	EPA
	Carl Kinkade	DHHS – CDC		Tod Dabolt	EPA – Office of Water
	Robert Shankman	DHHS – Office of Preparedness and Emergency Ops		Sandra Downie	GSA
	Jeff Booth	DHS – Office of the CIO		Philip Klokis	GSA
	Dennis Hardy	DHS	x	Autumn Foard	GSA
x	Jon Sperling	HUD – Policy Development & Research		Colleen Cahill	Library of Congress
	Salvatore Sclafani	HUD - Office of Community Planning & Development	x	Jacqueline Nolan	Library of Congress

	Antoinette Sebastian	HUD – Office of Environment & Energy		Gregory Mann	NASA
	David Chase	HUD – Policy Development & Research	x	Brett Abrams	NARA
x	Don Buhler	DOI - BLM		Clifford Jacobs	National Science Foundation
	Doug Vandegraft	DOI – Bureau of Ocean Energy Mgmt, Regulation & Enforcement		Trisha Christian	Small Business Administration
	Steven Schwartz	DOI - BOEMRE		David Timmons	Social Security Administration
	Joe Gregson	DOI – Nat'l Park Service		Ray Mitchell	Tennessee Valley Authority
	Tim Smith	DOI – Nat'l Park Service			
	Robert Welsh	DOI – Office of Surface Mining			
	Christina Lett	DOI – US Fish & Wildlife Service			
	Other Attendees	Organization		Attendee	Organization
	Charlie Adler	FAA		Garth Lawrence	Intermap Technologies
	Cliff Allison	NAVTEQ		Mark Lemon	GT
	Jeanette Archetto	GT		Allison Lewan	GT
	Danielle Ayan	Georgia Tech Research Institute		Steve Lewis	DOT
	Anne Ball	NOAA		Judah Linem	DOT
	Todd Barr	KTS		Lynda Liptrap	Census
x	Joan Barry	NGA		Stephen Lowe	USDA
	Bob Bewley	USGS		Sherry Loy	Global Marketing Insights, Inc.
	Nancy Brelos	Pictometry		Vicki Lukas	USGS
x	Karl Brown	NPS	x	Arista Maher	FGDC
	Don Buhler	BLM		John Mahoney	FGDC
	Bill Burgess	NSGIC	x	Julie Binder Maitra	FGDC
	Kathleen Callister	NASA		Karen Matheson	USGS
	Don Campbell	FCC		Cindy Lou McDonald	BLM
	Olivia Carey	NRCS	x	Kristie McLeroy	NRCS
	Mike Cooley	USGS		Alan Mikuni	CaGIS
	Kevin Corbley	Corbley Communications		Charles Mondello	Pictometry
	Dan Cotter	DHS		Zsolt Nagy	AECOM
	Ed Crane	IAAO		Doug Nebert	FGDC
	Pat Cummins	ESRI		Wendy Nelson	URISA
	Lisa Daniels	IAAO		Catherine Nolan	GT
	George Deryckere	GSA		John Palatiello	MAPPS
	Najia DiPiro	DOI		Jean Parcher	USGS
	David DiSera	EMA, Inc.		Rick Pearsall	NGA
	Rob Dollison	USGS		Lorri Peltz-Lewis	FS

	Kelly Downs	LizardTech		Jim Plasker	ASPRS
	Lee Fahrner	NSGIC		Alexandra Prokhorova	GT
	Sherry Farrell	NOAA		Milo Robinson	FGDC
	Mark Finkbeiner	NOAA		Jim Rolfes	DOI
	Michelle Gallinger	LoC		Adena Schutzberg	Directions Media
	Hank Garie	GT		Steve Schwartz	MMS
	Tricia Gibbons	LEAD Alliance	x	Ken Shaffer	FGDC
	Carol Giffin		x	Vaishal Sheth	FGDC
	Dan Good	USDA		Renee Shields	NOAA
	Leonard Gore, Jr.	BLM		Sharon Shin	FGDC
x	Rich Grady	Applied Geographics		Karen Siderelis	DOI
	Joe Gregson			Terry Slocum	UKansas
x	Glenn Guempel	NGA		Cy Smith	URISA
	Steven Hak	FGDC		Dave Soller	USGS
	Sarah Hammer	GT		Justin Steckervetz	EPA
	John Hanes	USGS	x	Larry Sugarbaker	USGS
	Dennis Hardy	DHS		Curt Sumner	ACSM
	Charles Hickman	USGS	x	Larry Tanner	
	Marten Hogeweg			Roy Teal	
	Mike Horan	DISDI	x	Gita Urban-Mathieux	FGDC
	David Hoy	USFWS		Doug Vandegraft	BOEMRE
	Alex Hume	GT	x	Lucie Vogel	HHS/IHS
	Bert Jarreau	NACo		Martha McCart Wells	URISA
	Kim Jenkins	NOAA		Bill Wilen	FWS
	Jerry Johnston	EPA		Kent Williams	USDA
	Sean Killen	USFWS	x	Linda Zellmer	CUAC
	Kevin Kirby	EPA		Lin Zhang	DOI
	Jenee Kresge	NARC			
	Roxanne Lamb	FGDC			

Welcome and Roll Call – Ivan DeLoatch, FGDC; Randy Fusaro, Census; Arista Maher, FGDC

Ivan DeLoatch (FGDC) welcomed members to the meeting on behalf of himself and Randy Fusaro, Co-Chair (Census). Arista Maher (FGDC) took roll call of attending members. Other attendees were asked to introduce themselves.

Previous Meeting Action Item Review – Arista Maher, FGDC

The previous meeting action items were reviewed for the Coordination Group, and the resolutions/responses to each action were discussed.

FGDC Business and Secretariat Report – Ken Shaffer, FGDC

[Presentation]

A report on current FGDC business was given. It was noted that a number of FGDC priority items were bumped from the December Coordination Group meeting, due to the fact that it was used as a special session on the Geospatial Platform.

The Imagery for the Nation (IFTN) Request for Information (RFI) was discussed. Ivan noted that the Executive Committee (ExCom) heard some of the outcomes from colleagues from NGA who attended the last ExCom meeting. The RFI closed on August 16, 2010, and there were 32 responses received, which were distributed to partner organizations for review. An initial summary of these results was provided in the December FGDC Business Report. There are still some outstanding issues and decisions that need to be made before we move forward on the IFTN RFI. There are no current actions for the Coordination Group at this point. We need to wait for further guidance from senior executives on the next steps for the RFI. Steve Jackson (NGA) noted that one major issue coming out of the IFTN RFI was whether the imagery requirements were too strict, and how best to address this so that needs are met.

Geospatial Line of Business and Geospatial Platform activities were reviewed. The finalization of 2011 subtasks for the five high-level tasks is still in progress. Other outstanding items include determining task teams and respective task leads and asking those task leads to help define action plans. The CG was asked whether they endorse the use of Document Adjudication Task Teams (DATTs), as described in the DAT Terms of Reference (TOR), for review and comment on the Roadmap.

ACTION: There will be a 2-week review of the proposal to utilize Document Adjudication Task Teams (DATTs) for the Modernization Roadmap document. The FGDC Secretariat will then ask Coordination Group Members to vote electronically on whether or not to endorse the use of the DATTs.

The Geospatial Platform tasks were reviewed, and it was determined that subtasks still need to be designated for several of the tasks, including on Task 2: *Establish Communications and Outreach Strategy*. What currently exists as part of the Communications and Outreach strategy was discussed, including an effort to propose some enhancements to the geoplatform.gov website. Colleen Cahill is the Coordination Group representative on the Communications and Outreach task team.

Task 3: *Inventory Existing Federal Geospatial Capabilities – Common Data, Services, and Applications* was discussed and the subtasks for this item were outlined. One of the primary subtask components of Task 3 is an inventory of common services will be conducted among agencies to determine existing services that could be integrated into the Geospatial Platform. The details for implementing this inventory and the other subtasks will be determined by the task lead and the task team.

Task 4 is *Establish Shared Infrastructure for Geoplatform.gov*. One of the subtasks includes the creation of the Technical Deployment Task Team (TDDT), which Steve Jackson (NGA) leads. They are evaluating capabilities of GV-ES, ERMA, ER2, and others and will provide an update on their progress at today's meeting. The Platform's hybrid services and applications stemming from the TDDT's recommendations will then be stood up, and a how-to guide on how agencies can connect their applications/data services, etc. to the Platform will be developed.

Task 5 is *Implement OMB Circular A-16 Supplemental Guidance*. CG leads are currently being identified to finalize the data theme and data set list. The lists are being better aligned with national and federal requirements as part of this task as well. Randy Fusaro (Census) has volunteered to push the alignment effort and resolution of outstanding issues forward. Ken Shaffer (FGDC) asked the Coordination Group for other volunteers to help Randy push this forward. Wendy Blake-Coleman will work with Randy on this item.

The NSDI Cooperative Agreements Program for 2011 was discussed. The grants.gov announcement closed on January 6, 2011. The proposals are in review, and the award announcements will be made in February.

The 2010-11 GSDI Small Grants Program, sponsored by FGDC and URISA GIS Corps, provides seed money for spatial data infrastructure or Earth Observations Systems-related activities in economically disadvantaged nations. They provide small (\$2500) awards for spatial data infrastructure work. It is a highly effective program and delivers a high return on investment.

INCITS L1 was discussed. It was noted that Julie Maitra's (FGDC) 3-year term as International Representative ended in December 2010, and there is a need for an L1 volunteer to serve as International Representative. In the interim, these responsibilities will default to the L1 Chair until a replacement is identified. The next meeting for INCITS L1 will be on Wednesday, January 12.

The ISO Technical Committee 211 plenary session and associated meetings were held in Canberra, Australia. INCITS L1 serves as the U.S. Technical Advisory Group (TAG) to ISO/TC 211.

FGDC/ISO/ANSI/OGC process alignment is recognized as an issue the CG needs a better handle on in order to effectively coordinate and communicate their efforts between FGDC agencies. Multiple Federal representatives vote on standards being vetted through external standards organizations.

The FGDC Transportation Subcommittee Workshop at ESRI was discussed by Raquel Wright (DOT). There will be a workshop on Friday, January 21st from 2:30 to 4:30 in Room 301 at the ESRI Federal User Conference. It will include information on building the subcommittee, reviewing the charter, and building a work plan for the FGDC Transportation Subcommittee. An email was sent out to FGDC Coordination Group members announcing this meeting. Ivan also noted that there will be sessions on the Geospatial Platform occurring at the ESRI Federal User Conference as well, and CG members are asked to encourage others to attend.

There is a *National Map* user conference that will be held in May 2011 in Lakewood, Colorado. Members are encouraged to visit their website for more information: <http://nationalmap.gov/uc>

The most recent Executive Committee meeting was held on December 14, and it focused primarily on the Geospatial Platform and GSA's involvement. Opportunities for integrating and leveraging technical capabilities between Data.gov, GOS, and Geospatial Platform were discussed during this meeting, and a representative from GSA was in attendance. Funding options such as "pass-the-hat" and "a la carte" data purchasing were discussed as well, and two system component and service component draft diagrams were reviewed during the meeting.

An update on the National Geospatial Advisory Committee (NGAC) was given. The most recent meeting of the NGAC was on December 7 and December 8, 2010. The main topics discussed included: the Geospatial Platform; Workforce Development; the National Broadband Map; Adoption of Local Government GIS Best Practices Paper; National Map Subcommittee Recommendations; and the FTC Staff Report on Privacy. The next set of NGAC appointments are in final review at the Department of Interior (DOI). They should be completed by the end of the month. The next NGAC meetings will be on: March 16-17 (at the American Institute of Architects); June 8-9 (at AIA, tentatively); and a meeting sometime in September/October (date and location TBD).

The next Coordination Group meeting will be held on February 8, 2011. Ideas for potential topics should be submitted to Arista Maher (amaher@fgdc.gov). Ideas for topics to bring to the Executive Committee will be solicited during today's meeting.

Introduction: GWG/FGDC Standards Process Integration –Ken Shaffer, FGDC

[Presentation]

Ken Shaffer (FGDC) gave an introduction to the discussion on the integration of the Geospatial Intelligence Standards Working Group (GWG)/FGDC Standards process, including an introduction of the standards processes. He began by noting that there will be three parts to today's presentation: an FGDC Standards Work Group update and standards process overview; a Geospatial Intelligence Standards Working Group (GWG) overview, which also includes discussion of the process and interaction between FGDC and GWG; and finally, FGDC actions and next steps to integrate FGDC and GWG standards activities.

The FGDC/GWG Stage was discussed. Civil, defense, and intelligence domains have overlapping geospatial business requirements under the Federal umbrella. Geospatial standards require multiple reviews, processes, and standards bodies, each with duplicative/overlapping membership. The playing field is changing in three major ways: 1.) Geospatial Platform is establishing a common operational environment (ex: GV-ES) to meet cross-domain requirements; 2.) FGDC endorsed 64 standards (NGA/FGDC member request); and 3.) An outcome of the FGDC 2010 survey included "more oversight of FGDC standards development." Furthermore, budgets and participation are thinning, and therefore there are limited resources for

subject matter expertise. Also, domains are out-of-sync on geospatial standards. All of these factors have resulted in FGDC Secretariat and GWG leadership evaluating the integration of the FGDC and GWG geospatial technology standards review and endorsement processes to better streamline them.

Standards Work Group Update – Julie Maitra, FGDC

[\[Presentation\]](#)

Julie Maitra (FGDC) gave an update on the FGDC Standards Work Group. The status of FGDC standards projects was reviewed, including the Cultural Resources Spatial Data Standard, the Shoreline Data Content Standard, the United States Thoroughfare, Landmark, and Postal Address Data Standard (currently being voted on by CG; ballots due January 19); the Coastal and Marine Ecological Classification Standard (CMECS); Federal Buildings and Facilities Geospatial Data Content Standard; the Federal Trails Data Standard; and the National Wetland Classification Standard.

The importance of FGDC standards was reviewed, including the fact that FGDC standards are referenced in OMB Circular A-16 and its Supplemental Guidance, as well as Executive Order 12906. Moreover, FGDC standards are used by Feds and non-Feds alike; FGDC standards are recognized by NIST for use in E-Gov Initiatives; and FGDC standards, notably metadata, have been the basis for international standards.

The Standards Work Group (SWG) responsibilities were outlined as well, which include: assisting the FGDC Coordination Group in promoting the development, maintenance, and management of a National Spatial Data Infrastructure; coordinating the maintenance of FGDC-endorsed standards with the designated maintenance authorities; coordinating the standards activities of the subcommittees and other working groups of the FGDC throughout the FGDC standards process; facilitating and coordinating the evaluation of geospatial data definitions and standards of other organizations; and assuring that the standards developed are coordinated with State, local, and tribal governments, the private sector and academic community, and, to the extent feasible, the international community.

Two diagrams showing the FGDC Standards Process were presented to the Coordination Group members. The time requirements for developing FGDC standards were discussed. It was noted that there are not any time limits for standards development groups to complete their work, but often other priorities override the FGDC standards development.

FGDC participates in external standards bodies, and a diagram of FGDC's participation in non-federal standards bodies was presented. In relation to this, one of the major successes of the FGDC Standards Work Group was the endorsement of the 64 Non-Federally Authored Geospatial Standards, in support of the Geospatial Platform.

There will be a GWG polling session taking place on February 10, 2011, which is part of the DISR 11-01 cycle. The FGDC Secretariat has released the Change Request package to the CG and Standards Work Group for comment, prior to a vote at the February 10 polling session.

There is a call for agency representation on the Standards Work Group, which reviews FGDC proposals and standards developed through the FGDC and proposes positions for vote, participates in GWG standardization activities, and maintains an online inventory of standards under consideration in different standards bodies, among other standards-related activities.

GWG/FGDC Standards Process Integration – Gregg Black, NGA; Mike Halston, NGA; Joan Barry, NGA; Ken Shaffer, FGDC; Julie Maitra, FGDC

[\[Presentation\]](#)

GWG Overview – Gregg Black, NGA

Gregg Black (NGA) gave a presentation on the GWG. He noted that NGA serves as the functional manager for the National System for Geospatial Intelligence (NSG), which is a unified community of geospatial intelligence (GEOINT) experts, producers and users organized around the goal of integrating technology, policies, capabilities and doctrine to produce GEOINT in a multi-intelligence environment.

The GWG was inaugurated in January 2005. They are a Joint Technical Working Group under the DoD IT Standards Committee (ITSC) and Intelligence Community Enterprise Standards Committee (IC ESC). They bring forward positions in GEOINT standardization, and they serve as the DoD GEOINT standards Community of Interest (COI).

A functional management diagram showing the organizational structure of the GWG was presented to the Coordination Group members. Eight focus groups are the primary mechanism for community engagement with subject matter experts (SMEs). There are 26 “Core Members,” which are all U.S. Government members, and include FGDC. There are “Associate Members” as well, which include non-U.S. Government entities. Associate Members are unable to vote, but participate fully in all other respects.

GWG Focus Groups were outlined as well. These include: NITFS Technical Board (NTB); Motion Imagery Standards Board (MISB); Community Sensor Model Working Group (CSMWG); Geographic Portrayal (PFG); Application Schemas for Feature Encoding (ASFE); Metadata (MFG); Information Transfer and Services Architecture (ITSA); and Overhead Persistent Infrared (OPF).

ACTION: The secretariat will request materials from Gregg Black (NGA) on the Standards Open Support Process to Coordination Group Members and the Secretariat will distribute them to the CG membership as applicable.

The DoD IT Standards Registry (DISR) and the IC Standards Registry (ICSR) were both explained with respect to their standards governance roles.

Lifecycle definitions for standards were explained as well, including what it means for a standard to be “emerging,” “mandated,” and “retired.” For instance, emerging standards are published and expected to be mandated within three years.

The FGDC history with the GWG was briefly reviewed. Since 2005, FGDC has been a Core Member, participating in GWG voting meetings to adopt GEOINT standards. Julie Maitra has served as the FGDC representative to the GWG.

With respect to FGDC and the GWG integration, it was emphasized that participation is key. It was noted that a full listing of GEOINT Standards managed by the GWG is available at:

<https://nsgreg.nga.mil/DISR-approved.jsp>.

GWG/FGDC Standards Process Integration Approach and Discussion – Ken Shaffer, FGDC

Ken Shaffer (FGDC) went over a diagram comparing the FGDC and GWG standards development and review processes for the Coordination Group members. The key factors for success were also outlined. Participation is particularly important; specifically, FGDC participation at the GWG Focus Group level, with trusted SMEs able to recommend FGDC position to CG. Another important factor is two-way, frequent, timely communications. Additionally, timely Coordination Group/Steering Committee (SC) endorsement of standards coming up for vote is crucial as well. There ought to be less than a month of lead time for this. Steering Committee endorsement allows the FGDC Secretariat’s vote at the GWG to mean true FGDC endorsement. Finally, tracking standards status and the FGDC position on each is significant. How this might be accomplished is up for discussion.

The actions and next steps were discussed. The possible approaches for integration were laid out for the members. The next step after determining the approach is to have a CG motion to move the efforts forward.

DECISION: The FGDC Coordination Group moves to synchronize the FGDC standards process with the GWG standards process.

DECISION: A Coordination Group Task Team will be formed to take the next steps in the synchronization process.

ACTION: The FGDC Secretariat will facilitate a discussion within the next two weeks to determine whether the Coordination Group Task Team on Standards will be established as a separate entity from the Standards Working Group.

Geospatial Platform Technical Deployment Task Team (TDTT) Update – Steve Jackson, NGA

[\[Presentation\]](#)

Steve Jackson (NGA) presented on the Technical Deployment Task Team's (TDTT) recent activities. In December 2010, the TDTT was established as a functional team comprised of representatives nominated by FGDC partner agencies and the Geospatial Platform Core Team. The purpose of the TDTT is to recommend a path forward for implementation of Geospatial Platform common services and shared infrastructure, and to lead efforts to deploy "mature" capabilities identified in the Modernization Roadmap for the Geospatial Platform that provide a useful service, can be built upon, and can be undertaken quickly.

The timeline for the TDTT activities was discussed. On December 15, a Kick-Off Meeting was held, followed by a GOS/Data.gov capability demo on January 4, 2011. The ESRI Geoportal Server and Enterprise Repository and Registry (ER2) demos took place on January 5. There will be more demos—NASA Open Source Spatial and ERMA-- on January 13. On January 20, we hope to have a use case development and review session. Recommendations will be submitted to the Core Team by the end of February 2011.

The next steps for the TDTT were discussed, including developing a recommended list of candidate services/applications; to draft use cases for existing capabilities to develop a notional architecture; to deploy services/applications on GeoPlatform.gov; and to develop a "how-to" guide for deploying applications and/or services on GeoPlatform.gov.

The TDTT task members include: Steve Jackson (Chair; NGA); Myra Bambacus (NASA); Jeff Booth (DHS); Paul Fukuhara (USDA); Doug Nebert (FGDC); and Kari Sheets (NOAA). Coordination Group members were asked to contact the members with any specific questions.

Wetlands Subcommittee Update – Bill Wilen, FWS

Bill Wilen (FWS) presented on the recent activities of the Wetlands Subcommittee. He thanked the FGDC Secretariat and the Standards Working Group for their work on the standards.

The Lifecycle Plan for the Wetlands was completed. The National Hydrography Dataset, Watershed Boundaries, and Wetlands datasets were all combined.

The National Wetlands Inventory (NWI) is part of the Geospatial Platform cloud, thanks to the efforts of Doug Nebert (FGDC). Cost savings are being measured with respect to cloud computing. The Sea Level Affecting Marshes Model (SLAM) is now hosted in the cloud as well.

Regarding the Implementation Plan for Mapping standard, there was a lot of support from EPA, Virginia Tech, and the Association of State Wetland Managers on this. These partners were excited to be involved in facilitating the improvement of wetland mapping on the federal level.

Training modules for wetland mapping were also developed as a result of this effort. 23 technical and strategic recommendations were developed through the development of the implementation plan.

The Wetlands Subcommittee is also doing maintenance of the classification standard, which mostly includes clarifications and updates. Virginia Tech has offered their Scholars Site as a portal for this process.

The National Wetlands Strategic Plan for 2011-2015 has been developed.

Cultural and Demographic Statistics Work Group Update – Randy Fusaro, Census

Randy Fusaro (Census) provided an update on the Cultural and Demographic Statistics Work Group. The Address Standard went out for CG vote last week; CG members are encouraged to vote on it as soon as possible. The vote closes on January 19.

The Cultural Resources Standard is currently in development. There is a meeting on January 25 on this, where they will define task groups and task group participants. By February, they define priorities for each task group. Work should be completed on the standard in the October 2011 timeframe. Questions can be directed to Deidre McCarthy at the National Park Service. Her contact information is online at www.fgdc.gov.

Geodetic Control Subcommittee Update – Ronnie Taylor, NOAA; Joe Evjen, NOAA; Jeremy McHugh, NOAA

[\[Presentation\]](#)

Ronnie Taylor, Acting Director, National Geodetic Survey (NOAA), and Alternate Chair of the FCGS, presented on the Geodetic Control Subcommittee Update.

Geodetic control is the foundation of all geospatial products. The National Spatial Reference System (NSRS) includes latitude, longitude, height, scale, gravity, and orientation throughout the U.S. There is one common datum for all FGDC products. We are evolving from a passive network to an active network.

The NSRS has evolved and the network is continuing to be built. One million monuments (separate horizontal and vertical systems) have evolved to 70,000 passive marks (3D).

A socioeconomic benefits study called “Scoping the Value of CORS and GRAV-D” was conducted and rolled out to Congress in June 2009. NSRS is worth \$2.4 billion per year, and \$22 billion over 15 years.

GPS use has greatly increased; everyone considers themselves a geodesist now. Traditionally, FGDC products have multiple uses and scales. The accuracy of NSRS is one of its most significant assets. Passive networks are aging and inaccurate.

The NGS 10 Year Plan was approved on January 8, 2008. The Height Modernization program includes traditional leveling, gravity, and GPS, and it is critical for dam, levee safety, evacuation planning, hazard mitigation, flood plain mapping, etc. The future of height mod is “GRAV-D,” or Gravity for the Redefinition of the American Vertical Datum. It includes an airborne gravity survey over 10 years.

FGDC members provide Continuously Operating Reference Stations (CORS). FGDC members also use Online Positioning User Service (OPUS), which uses GPS data processed using NGS computers and software and can locate position via email, with 1-2 centimeters of accuracy. Over 1 million positions have been served.

The NGS Integrated Database was also featured, as was the U.S. Army Corps of Engineers (USACE) Levee Inventory. The Levee Inventory will utilize a common datum (NAVD88) on all 12,000 miles of levees. The Interagency Working Group on Ocean and Coastal Mapping is another partner they are coordinating with. Other opportunities for cooperation were also discussed.

A summary of their accomplishments was outlined, including holding a Federal Geospatial Summit in May 2010 in Silver Spring, MD. Over 200 people attended in person, and an equivalent amount of participants on the phone. Additionally, there were some notable accomplishments on Height Modernization, including survey projects, pilot projects, and collaboration with USGS and USACE to update water gage datums.

The contact information for Project Managers of New Datums was provided to the CG. Mark Eckl will be the Geopotential Datum Manager, and Joe Evjen will be the Geometric Datum Manager.

A summary of the FY11 actions planned was given as well, including continuing to engage Federal partners and stakeholders into the planning process for new datums; sharing draft guidelines for Real-Time Networks for input; and planning for the 2012 Federal Geospatial Summit.

Action Item Review and Next Meeting Agenda – Arista Maher, FGDC

ACTION: Randy Fusaro and Wendy Blake-Coleman will spearhead the Data Themes effort with respect to the Geospatial Platform.

The action items from the meeting were reviewed. Due to weather-related time constraints, the discussion on the next meeting’s agenda was referred to email. Coordination Group members are asked to email any potential topics for the next meeting to Arista Maher (amaher@fgdc.gov).

Adjourn