



January 11, 2011

Coordination Group Meeting

FGDC Business Update
FGDC Secretariat Report
CG Agenda Items

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Background

This presentation contains information that supplements a set of read-aheads on the topics covered in the CG meeting and will be used as a walk-through of all the topics at the CG meeting. Use this presentation before reviewing the read-aheads in order to gain context.

Materials will not be presented in full at the meeting, it is the responsibility of the attendees to review the material prior to the meeting, as per CG standard operating procedures.

- ◆ FGDC Business Update - current FGDC initiatives/activities
- ◆ FGDC Secretariat Report - Secretariat staff activities (outside of support for business operations)
- ◆ CG Agenda Items - items on the Coordination Group (CG) agenda with references to any read-aheads



FGDC Business Update

- ◆ Monthly Decisions Summary
- ◆ Imagery for the Nation (IFTN)
- ◆ Geospatial Line of Business Update
- ◆ Monthly Geospatial LoB Report
 - Document Adjudication Task Team Terms of Reference
 - Revised A-16 Themes and Datasets List
- ◆ NSDI Cooperative Agreements Program (CAP)
- ◆ 2010-11 GSDI Small Grants Program
- ◆ FGDC Standards Update – INCITS L1/ISO
- ◆ FGDC Transportation Subcommittee Workshop
- ◆ *The National Map* Users Conference



FGDC Secretariat Report

- ◆ Executive Committee
- ◆ National Geospatial Advisory Committee
- ◆ Coordination Group
- ◆ CG Topics for Executive Committee Meeting



CG Agenda Items

- ◆ Geospatial Platform Technical Deployment Task Team Update
- ◆ Standards Work Group Update
- ◆ GWG/FGDC Standards Process Integration
- ◆ Wetlands Subcommittee Update
- ◆ Cultural and Demographic Statistics Work Group Update
- ◆ Geodetic Control Subcommittee update



Monthly Decisions Summary

◆ Coordination Group 12/14/10 Meeting

- None

◆ Steering Committee

- None

◆ Executive Committee 12/14/10 Meeting

- None



Contact: Ken Shaffer, FGDC, kshaffer@fgdc.gov

Read ahead: none

Imagery For The Nation (IFTN) Request For Information (RFI)

- ◆ FGDC-sponsored IFTN RFI closed 16 Aug 10
 - 32 responses, limited to ten pages
 - Responses distributed to partner organizations for review (FGDC, USDA, USGS, NASA, NGA, etc.)
 - Initial summary included in December CG Business Report
- ◆ USDA pursuing a funding/acquisition strategy



Contact: Ivan DeLoatch, FGDC, ideloatch@fgdc.gov
Read ahead: none

Geospatial Line of Business and Geospatial Platform Update



◆ General Actions:

- Finalization of 2011 subtasks for the 5 high-level tasks
- Identify task leads
- Tasks leads to help define action plans



Contact: Roxanne Lamb, FGDC, rhlamb@fgdc.gov

Read ahead: None



Task 1: Complete Next Version of Modernization Roadmap for the Geospatial Platform



Subtasks

1. Establish Document Adjudication Task Team (DATT)

Status: DATT Terms of Reference out for review

2. Hold ½ day kick-off and review meeting

Status: Pending ID of participants

3. Compile CG/NGAC/Federal/IdeaScale comments

Status: comments being tracked and added by Grant Thornton (GT)



Part of Task 1 Subtask: Document Adjudication Task Team (DATT) Terms of Reference

- ◆ A DATT is established to ensure a document/set of documents, goes through the appropriate levels/steps of review, adjudication, and approval required to achieve its intended purpose and status.
 - First DATT for the *Geospatial Platform Modernization Roadmap V4*.
 - Intent is to utilize this same approach for each major document for which the CG requires formal adjudication action.

- ◆ TOR outlines the operating procedures for a DATT
 - Purpose, approach and responsibilities of a DATT, provides basic guidance on document versioning and naming controls.
 - Defines the responsibilities of the CG, DATT lead, DATT members, DAT PMO Support (if applicable), FGDC Secretariat.

- ◆ Adjudication Plan template for use by each DATT
 - Defines the document, its target end state, membership, tasks/subtasks, target dates, required versions and reviews.
 - Used to record the actions of the DATT for reporting, documentation, and information retention.

- ◆ DATT TOR was sent to the CG on 1/6/2011 for review and comment.

◆ **ACTION: CG to endorse the utilization of DATTs as described in the document set out for review and comment**



Contact: Ken Shaffer, FGDC, kmschaffer@fgdc.gov

Read ahead: CG DATT Terms of Reference 20110111 v4.docx

Task 2: Establish Communications and Outreach Strategy



Subtasks

1. Updates to GeoPlatform.gov website
Status: GT drafting recommendations



Task 3: Inventory Existing Federal Geospatial Capabilities-Common Data, Services, Applications



Subtasks

1. Initiate an inventory of other available (or soon to be) Federal agency data, services, and applications that can be contributed to the Geospatial Platform.

Status: Core Team providing feedback on approach and recommendations on involvement with NGAC intergovernmental SC.

2. Define a set of inventory parameters for common services that will be utilized in discussions with agencies to identify and evaluate available services they have, or plan to initiate in the next year.

Status: GT drafted initial question set for Core Team review.

3. Utilize these parameters as on initial set of information in the services/applications part of the portfolio for management and reporting.

Status: No action to date.



Task 4: Establish Shared Infrastructure for GeoPlatform.gov



Subtasks

1. Technical Deployment Task Team

- Lead – Steven Jackson, NGA
- Evaluating GV-ES, ER2, ERMA, and others

Status: TDDT to provide update today

2. Stand-up the initial Platform hybrid services/applications

Status: Dependent on outcome of TDDT evaluations

3. Develop a how-to guide for agencies to contribute applications/services

Status: Pending outcome of TDDT evaluations



Task 5: Implement OMB Circular A-16 Supplemental Guidance



Subtasks

1. Finalize Data Theme and Data set list

Status: 1/11 - Identify CG leads to finalize initial recommendations.

2. Attempt to resolve outstanding issues

Status: Randy has contacted USGS on a resolution for aligning soils/geology.

3. Leads to work with Secretariat to formulate recommendations and votes

Status: Randy/Ken/GT to discuss after today's meeting (or ASAP)



Task 5 Subtask: Revised A-16 Themes and Datasets List

- ◆ GeoLoB Lifecycle Management WG worked collaboratively with Federal agencies to revise the A-16 Data Theme and Dataset list
- ◆ Intended to better align A-16 data to current National and Federal requirements
- ◆ Establishing the initial categorization is key to advancing portfolio management, as mandated in the President's passback language
- ◆ A few outstanding issues to be resolved



Contact: Randy Fusaro, Census, randy.j.fusaro@census.gov
Read ahead: none

Key Comment and Issue Areas Remaining

◆ Theme Specific

- Boundaries
- Soils Placement
- Name Changes

◆ Organizational Construct

- Level of themes
- Themes relating to Infrastructure/Human made areas



Boundaries-Comments/Issues

- ◆ Should there be a single boundary theme ?
- ◆ Options
 - Mega theme
 - Mega theme with sub theme
 - ◆ Natural boundaries
 - ◆ Administrative boundaries
 - Legal
 - Non legal
 - Alignment of boundaries with appropriate topical themes e.g. census blocks under cultural and demographics' watersheds under inland water
 - Other?



Soils- Comments/Issues

- ◆ Should soils be placed under a larger topical theme or remain a stand alone theme?
- ◆ Options
 - Stand alone theme
 - Placed under geology/geosciences
 - Placed under agriculture and food/agriculture and farming



Comments/Issues-Name Changes?

- ◆ Agriculture and Food to Agriculture and Farming
- ◆ Biology to Biology and Ecology
- ◆ Climate and Weather to Climate & Atmosphere
- ◆ Culture and Demographic to Society and Culture?
- ◆ Geology to Geology and Geoscience
- ◆ Imagery to Imagery and Basemaps
- ◆ Land Cover to Earth Cover - Land Cover



Comment/Issues- Topical Level

- ◆ What is the appropriate hierarchical level for themes
 - FEA Line of business level e.g. natural Resources and or geosciences with water sciences etc. under that theme
 - Broad categories addressing several FEA Business Processes
 - Business Process/Sub process level



Comments/Issues – Infrastructure/Manmade

- ◆ Should the first round of theme adjustments include a broader array of themes associated with manmade features?
 - Yes-so that NGDA datasets can be mapped to the themes as identified
 - No- add these as the need arises when a new NGDA data set is identified that falls within this category

- ◆ If yes-how closely should the new themes align with the HSPD-7 sectors
 - There is no presumption that all of these themes would be managed by a single agency just as all HSDPD-7 sector are not managed by a single agency



Themes and Datasets List

Recommended Actions

- ◆ Identify a couple of lead persons to facilitate resolutions for the remaining issues.
 - Identify agencies/issues involved.
 - Request resolutions/decisions.
- ◆ Recommend timelines for resolution.
- ◆ Recommend solution options if resolution can not be achieved in a “reasonable” time.
- ◆ Make recommendations for CG and subsequent SC action.
- ◆ CALL FOR LEADS: Randy Fusaro



Monthly Geospatial LoB Report

- ◆ GeoLoB “At-a-Glance”
- ◆ GeoLoB Monthly Status Report

Deferred until task/subtasks are finalized



Contact: Roxanne Lamb, rhilamb@fgdc.gov
Read aheads: none

FY 2011 NSDI Cooperative Agreements Program

- ◆ Grants.gov announcement closed on January 6, 2011
- ◆ Proposals are in review
- ◆ Award announcements end of February
- ◆ More information at

<http://www.fgdc.gov/grants/2011NSDICAP/2011CAPDescriptions>



Contact: Gita Urban-Mathieux, FGDC, burbanma@fgdc.gov

Read ahead: none

2010-11 GSDI Small Grants Program

- ◆ Awards for spatial data infrastructure or Earth Observations Systems related activities in economically disadvantaged nations
- ◆ Awards
 - \$2500 - up 14 awards
 - Volunteer professional services – up to 4 awards
- ◆ Sponsored by the FGDC and the URISA GISCorps
- ◆ Proposals are in review by panels with global representation
- ◆ Awards should be announced February 2011
- ◆ More information at <http://www.gsdi.org/sic1>



Contact: Gita Urban-Mathieux, FGDC, burbanma@fgdc.gov
Read ahead: none

FGDC Standards Update

- ◆ INCITS L1 Standards Activities
- ◆ ISO Technical Committee 211

- ◆ Other SWG activities will be covered as part of the Standards Working Group Update



Contact: Julie Binder Maitra, FGDC, jmaitra@fgdc.gov

Read ahead: none

INCITS L1

- ◆ Julie Maitra's 3-year team as International Representative (IR) ended December 2010.
- ◆ No L1 member has volunteered to serve as IR.
- ◆ IR responsibilities will default to L1 Chair for the time being.



INCITS L1

- ◆ Next meeting: Wednesday, January 12
- ◆ Meeting votes
 - ◆ Cancellation of Project 1574-D, Geographic Information Framework Data Content Standard
 - ◆ ISO/TC 211 Standard for systematic review – ISO 19105:2000 Geographic information -- Conformance and testing
 - ◆ ISO/TC 211 Standard for systematic review – ISO 19132:2007 Geographic information -- Location-based services -- Reference model
 - ◆ DIS 19144-2 Geographic information — Classification systems — Part 2: Land Cover Meta Language (LCML)
 - ◆ DIS 19117 Geographic information — Portrayal



INCITS L1

- ◆ 2011-01-12 Meeting vote - Cancellation of Project 1574-D, Geographic Information Framework Data Content Standard
 - Project was canceled due to lack of activity within INCITS L1
 - INCITS Secretariat directed L1 to vote on reasons that the project was canceled.
 - ◆ The reason for cancelation was that the project had not progressed; moreover, it was too difficult to re-construct the paper trail of reviews.
 - Geographic Information Framework Data Content Standard is an FGDC-endorsed standard.



INCITS L1

- ◆ 2011-01-12 Meeting vote - ISO/TC 211 Standard for systematic review – ISO 19105:2000 Geographic information -- Conformance and testing
 - ISO 19105 is **not** among the 64 FGDC-endorsed external standards, nor is it in the DoD IT Standards Repository (DISR) – more discussion of DISR later in the 2011-01-11 CG meeting.
 - ISO 19105 specifies general principles for describing how geographic information products and services are expected to conform to the standards developed by ISO/TC 211.



INCITS L1

- ◆ 2011-01-11 Meeting vote – ISO/TC 211 Standard for systematic review – ISO 19132:2007 Geographic information -- Location-based services -- Reference model
 - ISO 19132 is among 64 FGDC-endorsed external standards.
 - ISO 19132 is not in DISR.
 - A description of the standard may be found at <http://www.fgdc.gov/standards/fgdc-endorsed-external-standards/index.html>.
 - Location Services are identified in the Modernization Roadmap for the Geospatial Platform Version 3.0 as standards that should be formally evaluated for adoption by the Federal Government.



INCITS L1

- ◆ 2011-01-12 Meeting vote - DIS 19144-2 Geographic information — Classification systems — Part 2: Land Cover Meta Language (LCML)
 - ISO 19144-2 establishes a metalanguage for a set of objects and rules (language) to describe land cover features that may be part of different land cover legends (nomenclature), thus providing a framework for comparing different classification systems and nomenclatures.
 - L1 will vote on a recommendation that the standard be submitted to ISO for publication and on a recommendation that the standard be adopted as a U.S. standard.



INCITS L1

- ◆ 2011-01-12 Meeting vote – DIS 19117 Geographic information — Portrayal
 - This standard is a revision of the first edition (ISO 19117:2005)
 - ISO 19117 specifies a conceptual schema for portrayal data, in particular symbols and portrayal functions.
 - Information about ISO 19117:2005 may be found in:
 - ◆ ISO/TC 211 Standards Guide,
http://www.isotc211.org/Outreach/ISO_TC%20_211_Standards_Guide.pdf
 - ◆ Handout,
http://www.isotc211.org/Outreach/Overview/Factsheet_19117.pdf



INCITS L1

- ◆ 2011-01-12 Meeting vote – DIS 19117 Geographic information — Portrayal (continued)
 - ISO 19117:2005 is **not** among the 64 FGDC-endorsed external standards, nor is it in the DISR.
 - L1 will vote on a recommendation that the standard be submitted to ISO for publication and on a recommendation that the standard be adopted as a U.S. standard.



ISO Technical Committee 211

- ◆ ISO/TC 211 plenary and associated meetings were held 2010-12-06/10 in Canberra, Australia.
 - INCITS L1 serves as the U.S. Technical Advisory Group (TAG) to ISO/TC 211.
 - INCITS L1/U.S. TAG voted to approve the U.S. delegation to the ISO/TC 211 meetings.
 - Plenary resolutions may be found at <http://www.isotc211.org/opendoc/211n3049/>.



ISO Technical Committee 211

- ◆ ISO 19142:2010 - Geographic information - Geographic information – Web Feature Service was recently published as an International Standard.
 - INCITS L1/U.S. TAG voted to adopt ISO 19142 as an American National Standard.
 - OpenGIS® Web Feature Service Implementation Specification, version 1.1.0 is among 64 FGDC-endorsed standards. It is also among the standards in the DISR.
 - The Geospatial Intelligence Standards Working Group (GWG) will evaluate ISO 19142 as a replacement for WFS 1.1.0 in the DISR. Technical maturity and implementations will be considerations in evaluation.



FGDC/ISO/ANSI/OGC Process Alignment

- ◆ GWG/FGDC process alignment (to be discussed later in 01-11 CG meeting) poses considerations for FGDC alignment with other standards processes (ISO, ANSI, OGC).
- ◆ Federal representatives will have already voted on standards being vetted through external standards organizations.
- ◆ Questions:
 - How do Federal representatives set position for vote? Do they “socialize” standards under consideration within their organizations to set position for vote, or do organizations leave it to their representatives to set position?
 - What does vote mean to Federal organizations? Does the vote signify endorsement and use by the Federal organization?



FGDC Transportation Subcommittee Workshop

◆ ESRI Federal User Conference

■ Workshop

- ◆ Friday, January 21st
- ◆ 2:30 – 4:30
- ◆ Room 301

* Meeting should only be an hour

- Building the Subcommittee
- Reviewing the Charter
- Building a Work Plan

◆ We would like the CG to email this announcement to members

◆ Next WebEx February 10th

◆ Next working meeting: GIS-T



Contact: Raquel Wright, DOT, raquel.wright@dot.gov
Read ahead: none

The National Map Users Conference and the Geographic Information Science Workshop

- ◆ May 10-13, 2011 in Lakewood, Colorado
- ◆ This inaugural event will assemble a wide range of participants including scientists, managers and geospatial professionals from government, industry, academia and other organizations with the goal of sharing accomplishments and progress, acknowledge best practices, and exchange innovative ideas concerning *The National Map* in supporting science initiatives.
- ◆ The role of the GIS Workshop will be learning specific techniques for using GIS in support of science.
- ◆ Interactive dialog will be encouraged through panel and lightning sessions, poster presentations, workshops, and demonstrations.
- ◆ The U.S. Geological Survey has issued a call for abstracts.
 - For more information and abstract submission: <http://nationalmap.gov/uc>
 - The submission for the call for abstracts closes on January 31, 2011.
 - Registration is not required to submit an abstract.
- ◆ Registration and hotel details are currently being worked out and will be posted to the website soon.



Contact: Pat Phillips, USGS, paphillips@usgs.gov
Read ahead: none

FGDC Secretariat Report

- ◆ Executive Committee
- ◆ National Geospatial Advisory Committee
- ◆ Coordination Group
- ◆ CG Topics for Executive Committee Meeting



Executive Committee

- ◆ Last ExCom meeting was December 14
- ◆ Focused discussion on the Geospatial Platform
 - Follow-up on GSA Involvement Opportunities
 - GSA joined the ExCom to discuss opportunities for integrating/leveraging technical capabilities between Data.gov, GOS, Geospatial Platform
 - Best-of-both-worlds architecture
 - Funding options from pass-the-hat, to a la carte data purchasing were discussed
 - Two system component, service component draft diagrams were discussed



Contact: Ivan DeLoatch, FGDC, ideloatch@fgdc.gov
Read ahead: none

NGAC Update

December 7-8 NGAC meeting – Key Topics:

- ◆ Geospatial Platform – NGAC Intergovernmental Subcommittee review
- ◆ Workforce Development session
- ◆ National Broadband Map – Suggestions on potential mobile applications
- ◆ Adoption of Local Government GIS Best Practices Paper
- ◆ National Map Subcommittee Recommendations
- ◆ FTC Staff Report on Privacy



Contact: John Mahoney, FGDC, jmahoney@fgdc.gov

Read ahead: Summary of December NGAC meeting -

<http://www.fgdc.gov/ngac/meetings/december-2010/december-2010-ngac-meeting-summary-DRAFT.pdf>; NGAC Local Government GIS Best Practices paper -

<http://www.fgdc.gov/ngac/meetings/december-2010/ngac-paper-best-practices-for-local-government.pdf>

NGAC Intergovernmental Subcommittee

◆ Purpose:

- Interim body to provide advice and recommendations in the development of the Geospatial Platform

◆ Members:

- Jerry Johnston (Chair), Sean Ahearn (Hunter College), Sophia Beym (State of New Mexico), Dick Clark (State of Montana), Randy Johnson (Hennepin County, MN), Barney Krucoff (District of Columbia), Anne Miglarese (Booz Allen Hamilton), Gene Schiller (SW Florida Water Management District)

◆ Initial Tasks: The Intergovernmental Subcommittee will review and provide feedback on the following issues:

- Are there specific offerings (data, services, applications) available from State/Regional/Local/Tribal governments that should be pursued for integrating with the Federal Geospatial Platform in the short term?
- What are the incentives that the Federal government should consider providing to encourage non-Federal contributions to the Platform?
- What are the best mechanisms for identifying ongoing requirements for the Platform and potential contributions to the Platform from our State/Regional/Local/Tribal partners?



The National Map Subcommittee Recommendations

The NGAC approved the following recommendations:

- ◆ A key component of the geospatial platform must be an integrated set of foundational data layers for the nation. The National Map (TNM) represents the primary existing effort to provide this service. TNM should focus on providing this foundational data, across a wide range of scales, as its primary purpose, in partnership with an array of data providers in accordance with A-16. The foundational layers should align with the FGDC Framework, with the addition of geographic names.
- ◆ Parcels should be incorporated as one of TNM's base data layers. A lead agency or agencies should be identified as federal integrator(s) of parcel data.



FTC Report: “Protecting Consumer Privacy in an Era of Rapid Change”

The NGAC approved the following recommendation:

RECOMMENDATION: The NGAC recommends that the FGDC work collaboratively with the Federal Trade Commission (FTC) to seek clarification of language addressing geolocation in the FTC Staff Report, “Protecting Consumer Privacy in an Era of Rapid Change.” The members of the NGAC are concerned about the imprecise use of the term “precise geolocation data” in the report. The lack of definition and clarity in the language could cause significant unintended consequences to the geospatial field, resulting in impacts to consumers, government programs, and industry. The NGAC is willing to work with FGDC and FTC, as needed, to help provide the perspective of the geospatial community to this issue.



- ◆ The Draft FTC Staff Report, "Protecting Consumer Privacy in an Era of Rapid Change: A Proposed Framework for Businesses and Policymakers," is posted at: <http://www.ftc.gov/os/2010/12/101201privacyreport.pdf>
- ◆ The press release accompanying the report, which includes instructions on providing comments, is posted at: <http://www.ftc.gov/opa/2010/12/privacyreport.shtm>
- ◆ - MAPPS comments on FTC report: http://www.mapps.org/issues/MAPPS_Letter_to_FTC_1-4-11.pdf

Next Steps

- ◆ NGAC Appointments: Next set of appointments in final review at DOI. Should be completed by end of January 2011.
- ◆ Next NGAC Meetings:
 - March 16-17 (DC, AIA)
 - June 8-9 (DC, AIA tentative)
 - September/October (date TBD)



February 8, 2011 CG Meeting

- ◆ Location: NCPC, Washington D.C.
- ◆ Geospatial Line of Business and Geospatial Platform
 - Technical Deployment Task Team update
 - Common Data, Services, and Applications Survey update
 - Geospatial Platform Modernization Roadmap V4 update
 - GeoLoB 2011 tasks updates
- ◆ A-16 Data Themes and Data Set update
- ◆ Cadastral Subcommittee
- ◆ Users/Historical Data Working Group



Contact: Arista Salimi Maher, FGDC, amaher@fgdc.gov
Read ahead: none

CG Topics for Executive Committee Meeting

- ◆ Input discussion ... What items do the CG want to take to the next ExCom meeting?



Contact: Ken Shaffer, FGDC, kmschaffer@fgdc.gov

Read ahead: none

CG Agenda Items

Implementing a Work Group and Subcommittee report template next meeting

- Reports will be posted to keep the SC/WG website status reports current
- Template is basic and will be provided through Arista

◆ Geospatial Platform Technical Deployment Task Team Update

◆ Standards Work Group Update

◆ GWG/FGDC Standards Process Integration

◆ Wetlands Subcommittee Update

◆ Cultural and Demographic Statistics Work Group Update

◆ Geodetic Control Subcommittee Update



Geospatial Platform Technical Deployment Task Team Update

◆ Presentation



Contact: Steve Jackson, NGA, Steven.P.Jackson@nga.mil
Read ahead(s): **pending**

Standards Work Group Update

◆ Presentation



Contact: Julie Binder Maitra, FGDC, jmaitra@fgdc.gov

Read ahead: 2011-01-11 SWG GWG Presentation v4.pptx

GWG/FGDC Standards Process Integration

◆ Presentation



Contact: Joan Barry, NGA, joan.c.barry@nga.mil

Read ahead: 2011-01-11 SWG GWG Presentation v4.pptx

Wetlands Subcommittee Update

◆ Presentation



Contact: Bill Wilen, FWS, bill_wilen@fws.gov

Read ahead: **none**

Cultural and Demographic Statistics Work Group Update

◆ Presentation



Contact: Randy Fusaro, Census, randy.j.fusaro@census.gov

Read ahead: **none**

Geodetic Control Subcommittee Update

◆ Presentation



Contact: Joe Evjen, NOAA, joe.evjen@noaa.gov

Read ahead: **pending**

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