

**Federal Geographic Data Committee
Coordination Group Meeting
Tuesday, February 14, 2012
9:00 a.m. – 12:00 p.m.
1:00 p.m. – 3:00 p.m. **FED ONLY****

Location: National Capital
Planning Commission
(NCPC)
401 9th Street, NW
Washington, DC 20004

Room: Suite 500 (5th Floor)

AGENDA

9:00 – 9:10	Welcome and Introductions	<i>Ivan DeLoatch, FGDC; Wendy Blake-Coleman, EPA</i>
9:10 – 9:15	Previous Meeting Action Item Review	<i>Arista Maher, FGDC</i>
9:15- 10:00	FGDC Business Report	<i>Ken Shaffer, FGDC</i>
10:00 – 10:25	National Digital Orthoimagery Program (NDOP) Subcommittee Report	<i>Anne O’Connor, Census Bureau</i>
10:25 – 10:50	Marine and Coastal Spatial Data Subcommittee Report	<i>Tony LaVoi, NOAA</i>
10:50 – 11:30	Value of Open Standards and Return on Investment	<i>Mark Reichardt, Open Geospatial Consortium</i>
11:30 – 12:00	UN-GGIM Update	<i>Tim Trainor, Census Bureau</i>
12:00 – 1:00	Lunch	

***** FED ONLY SESSION BEGINS *****

1:00 – 1:20	GAO Evaluation	<i>Ivan DeLoatch, FGDC</i>
1:20 – 2:45	Geospatial Platform	<i>Ivan DeLoatch, FGDC</i>
2:45 – 3:00	Action Item Review & Next Meeting Agenda	<i>Arista Maher, FGDC</i>
3:00	<i>Adjourn</i>	

*Read-ahead Documents	<ol style="list-style-type: none"> 1. FGDC Business Report CG 20120214 v4 - ASM.pptx 2. Geospatial Platform Business Plan - Ivan DeLoatch.pptx 3. GGIM Presentation - Tim Trainor.pptx 4. GGIMWG Charter - Tim Trainor.docx 5. Marine and Coastal Spatial Data Subcommittee Update - Tony LaVoi.pptx 6. NDOP Subcommittee Presentation - Anne O'Connor.pptx 7. Standards Update - 2012-02-14.docx 8. Standards Update 2012-02-14.xlsx 9. Value Benefits of Open OGC Standards - Mark Reichardt.pptx
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>March 13, 2012</p> <ul style="list-style-type: none"> • Reports from: Cultural and Demographic Statistics WG (Randy Fusaro); Users/Historical Data WG (Colleen Cahill).
<p>April 10, 2012</p> <ul style="list-style-type: none"> • Reports from: Vegetation SC (Ralph Crawford); Geodetic Control SC (Juliana Blackwell).
<p>May 8, 2012</p> <ul style="list-style-type: none"> • Reports from: Transportation for the Nation SC (Mark Bradford); Wetlands SC (Bill Wilen).
<p>June 12, 2012</p> <ul style="list-style-type: none"> • Reports from: Metadata SC (TBD); Geologic SC (Dave Soller).
<p>ExCom Liaison Schedule</p>
<ul style="list-style-type: none"> • TBD – on hold, pending FGDC Chair’s decision on ExCom’s role.

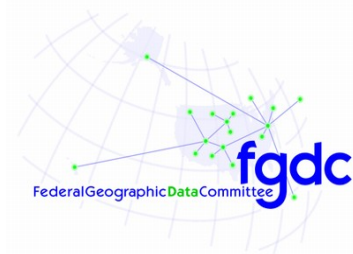


Federal Geographic Data Committee Coordination Group Meeting ACTION ITEMS Through February 14, 2012

Due Date: 2/14/12		
Lead:	FGDC Secretariat	Action#: 20111019-01
Action:	The FGDC Secretariat will look into creating a “canned webinar” as part of the GeoPlatform web environment so that interested users can have an interactive understanding of how the Platform operates.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:		
Due Date: 2/14/12		
Lead:	FGDC Secretariat	Action#: 20111019-02
Action:	The FGDC Secretariat will create a list with a direct links to completed Geospatial Line of Business tasks and pending Geospatial Line of Business tasks to add to the FGDC website.	
Contact:	Roxanne Lamb, FGDC, rhilamb@fgdc.gov	
Resolution/Response:		
Due Date: 2/14/12		
Lead:	Jennifer Carlino/Lynda Wayne	Action#: 20111108-03
Action:	The Metadata Summit team (Jen Carlino, Lynda Wayne, Gita Urban-Mathieux, Viv Hutchison) will put together language clarifying that the FGDC encourages transitioning from FGDC standards to ISO metadata standards and will bring that language to the Coordination Group for endorsement.	
Contact:	Jennifer Carlino, USGS, jcarlino@usgs.gov ; Lynda Wayne, FGDC/GeoMaxim, lwayne@fgdc.gov	
Resolution/Response:	The draft FGDC ISO Implementation Guidance document was revised by Randy Fusaro and Linda Liptrap and forwarded back to the FGDC Secretariat for further action. The next steps are pending internal discussions.	
Due Date: 2/14/12		
Lead:	Anne Ball	Action#: 20111108-05
Action:	Anne Ball (NOAA) will look into whether NOAA can participate as the co-lead with USGS on the Elevation theme. She will work with Dick Vraga (USGS) on this.	
Contact:	Anne Ball, NOAA, anne.ball@noaa.gov ; Dick Vraga, USGS, rsvraga@usgs.gov	
Resolution/Response:	USGS has confirmed its willingness to serve as a co-lead for elevation. NOAA contacted USGS about their interest in serving as a co-lead. Final response from NOAA still pending.	
Due Date: 1/10/12		
Lead:	Dick Vraga	Action#: 20111108-06
Action:	Dick Vraga (USGS) will work with Doug Vandegraft (BOEM) on determining the	

	Geology theme lead.	
Contact:	Dick Vraga, USGS, rsvraga@usgs.gov ; Doug Vandegraft, BOEM, douglas.vandegraft@boemre.gov	
Resolution/Response:	USGS is still looking into its role for the Geology theme. Dick has not yet reached out to BOEM, pending resolution of the USGS role.	
Due Date: Pending Briefing Material		
Lead:	FGDC Secretariat	Action#: 20111108-09
Action:	The FGDC Secretariat will put together a letter soliciting the nomination dialogue for data theme leads with the senior managers. Once an official appointment is made, an official appointment letter will be sent out by the Secretariat.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:		
Due Date: 2/14/12		
Lead:	FGDC Secretariat	Action#: 20111108-10
Action:	The FGDC Secretariat will put together an A-16 Supplemental Guidance communications package/standard slide deck for use by members to bring back to their agencies for use in helping them understand information about data themes.	
Contact:	Ivan DeLoatch, FGDC, ideloatch@fgdc.gov	
Resolution/Response:		
Due Date: 2/14/12		
Lead:	Coordination Group Members	Action#: 20111108-11
Action:	Coordination Group members will look at the data theme leads list and provide validation on points of contact and whether the Grant Thornton team has eliminated the correct items on the Quickr site. This feedback will be provided to Catherine Nolan (GT).	
Contact:	Catherine Nolan, Grant Thornton, catherine.nolan@gt.com	
Resolution/Response:	Catherine has been adding changes to the list on a weekly basis. Those changes can be viewed by Federal members on the Quickr site. Any additional changes should be provided by 2/14/12.	
Due Date: 2/14/12		
Lead:	Colleen Cahill, Randy Fusaro, Wendy Blake-Coleman	Action#: 20111108-12
Action:	Colleen Cahill (LoC), Randy Fusaro (Census), and Wendy Blake-Coleman (EPA) will create a process for maintaining volume control on the data theme lists, and will brainstorm requirements on a potential Access database.	
Contact:	Colleen Cahill, LoC, cstu@loc.gov ; Randy Fusaro, Census, randy.j.fusaro@census.gov ; Wendy Blake-Coleman, EPA, blake-coleman.wendy@epa.gov	
Resolution/Response:		
Complete		
Lead:	Coordination Group Members	Action#: 20111213-02
Action:	Coordination Group members who would like to volunteer to participate in the review of the CAP 2012 proposals to begin in February 2012 should contact Gita Urban-Mathieux.	

Contact:	Gita Urban-Mathieux, FGDC, burbanma@fgdc.gov	
Resolution/Response:	Reviewers who have volunteered have all been notified of their category assignments.	
Complete		
Lead:	Coordination Group Members	Action#: 20111213-03
Action:	Coordination Group members who would like to participate in the GeoCloud Sandbox Year 2 activities should contact Doug Nebert.	
Contact:	Doug Nebert, FGDC, ddnebert@fgdc.gov	
Resolution/Response:		
Due Date: 3/13/12		
Lead:	Doug Vandegraft, BOEM	Action#: 20120110-01
Action:	Doug Vandegraft work with Wendy Blake-Coleman and Randy Fusaro to determine Cadastral datasets.	
Contact:	Doug Vandegraft, BOEM, douglas.vandegraft@boem.gov	
Resolution/Response:	Subcommittee for Federal Parcels WG is meeting during the week of 2/21/12 to combine the FWS cadastral database with the NPS cadastral database.	
Due Date: 2/15/12		
Lead:	CG Federal Members	Action#: 20120110-02
Action:	CG Federal Members are encouraged to participate in the NGA Commercial Imagery Study. The Survey closes on 2/15/12.	
Contact:	Aaron Tooke, NGA, truett.atooke1@nga.mil	
Resolution/Response:	Note that the survey deadline has been extended from 1/31 to 2/15.	
Due Date: 3/13/12		
Lead:	FGDC Secretariat	Action#: 20120214-01
Action:	The FGDC Secretariat will contact Dan Cotter (DHS) and ask him to update the Coordination Group at the March 13 meeting on the progress of the PPD-8 work group.	
Contact:	Arista Maher, FGDC, amaher@fgdc.gov	
Resolution/Response:	Dan has agreed to present at the 3/13 CG meeting.	
Due Date: 2/22/12		
Lead:	CG Members	Action#: 20120214-02
Action:	Any CG members who can staff the FGDC booth at the ESRI Users' Conference should contact Roxanne Lamb.	
Contact:	Roxanne Lamb, FGDC, rhilamb@fgdc.gov	
Resolution/Response:		



Federal Geographic Data Committee Coordination Group Meeting MEETING MINUTES February 14, 2012

(Note: Primary CG members are indicated in **blue text**; alternate CG members are indicated in **red text**.)

√	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	x	Dick Vraga	DOI – USGS
	Ralph Crawford	USDA – US Forest Service		Bob Pierce	DOI – USGS
x	Juliana Blackwell	DOC – National Geodetic Survey		Dan Sandhaus	DOI - USGS
x	Tony LaVoi	DOC - NOAA		Edward Hugler	Dept of Labor – OASAM
	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	Jim Bjostad	DOD - NGA		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
	David Morehouse	Dept. of Energy – US Energy Info Administration		Tod Dabolt	EPA – Office of Water
	Carl Kinkade	DHHS – CDC		Sandra Downie	GSA
	Robert Shankman	DHHS – Office of Preparedness and Emergency Ops		Philip Klokis	GSA
	Jeff Booth	DHS – Office of the CIO	x	Autumn Wallin	GSA
	Dennis Hardy	DHS	x	Colleen Cahill	Library of Congress
x	Jon Sperling	HUD – Policy Development & Research		Jacqueline Nolan	Library of Congress
	Salvatore Sclafani	HUD - Office of Community Planning & Development		Antoinette Sebastian	HUD – Office of Environment & Energy

	David Chase	HUD – Policy Development & Research		Gregory Mann	NASA
	Don Buhler	DOI - BLM	x	Brett Abrams	NARA
x	Doug Vandegraft	DOI – Bureau of Ocean Energy Mgmt, Regulation & Enforcement		Clifford Jacobs	National Science Foundation
	Steven Schwartz	DOI - BOEMRE		Trisha Christian	Small Business Administration
	Joe Gregson	DOI – Nat’l Park Service		David Timmons	Social Security Administration
	Tim Smith	DOI – Nat’l Park Service		Ray Mitchell	Tennessee Valley Authority
	Robert Welsh	DOI – Office of Surface Mining			
	Christina Lett	DOI – US Fish & Wildlife Service			

Names in blue text are CG Primary members. Names in red text are CG alternate members.

	Other Attendees	Organization		Attendee	Organization
x	Anne Ball	NOAA	x	John Mahoney	FGDC
x	Nathan Beck	FDA	x	Julie Maitra	FGDC
x	Bill Belton		x	Kristie McLeroy	NRCS
x	Jennifer Carlino	USGS	x	Catherine Nolan	GT
x	Jeff Cullen	GT	x	Mark Reichardt	OGC
x	Teddy Dyer	DOE	x	Marlon Sellow	FDA
x	Hank Garie	GT	x	Ken Shaffer	FGDC
x	Leonard Gore, Jr.	BLM	x	Vaishal Sheth	FGDC
x	Glenn Guempel	USGS	x	Tim Trainor	Census
x	Roxanne Lamb	FGDC	x	Gita Urban-Mathieux	FGDC
x	Lynda Liptrap	Census	x	Lucie Vogel	HHS/IHS
x	Arista Maher	FGDC			

Welcome and Introductions – Ivan DeLoatch, FGDC OS; Wendy Blake-Coleman, EPA

Chair Ivan DeLoatch (FGDC OS) welcomed the Coordination Group members to the meeting. Attendees were asked to introduce themselves.

Previous Meeting Action Item Review - Arista Maher, FGDC OS

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

FGDC Business Report – Ken Shaffer, FGDC OS

[[Presentation](#) PDF]

Ken Shaffer (FGDC OS) gave a summary of recent FGDC activities and meetings. An overview of the meeting’s agenda was given. The various committees’ activities and decisions were reviewed. One of the decisions coming out of the Fed Only Steering Committee meeting on January 31, 2012 was to task the FGDC Executive Committee (ExCom) members to develop a recommended Geospatial Platform shared investment strategy funding algorithm and to make a recommendation on the Managing Partner. The ExCom is to have its recommendations for the Steering Committee by

February 29, 2012. A decision arising from the recent ExCom meeting on January 18 was to stand up an ad-hoc working group on Presidential Policy Directive 8 (PPD-8). This is regarding the approach to coordination and optimization of how geospatial services and the Geospatial Platform support and are provided to the homeland security and emergency response communities. Dan Cotter (DHS) will be chairing this working group and has circulated a draft Terms of Reference to the SC members for its operations.

ACTION: The FGDC Secretariat will contact Dan Cotter (DHS) and ask him to update the Coordination Group at the March 13 meeting on the progress of the PPD-8 working group.

The National Geospatial Advisory Committee (NGAC) held a web-based public meeting on January 12. During this meeting, they discussed the Geospatial Workforce white paper (which was adopted by the NGAC) and the Innovative Strategies white paper (which will be further refined and discussed at the April 2012 NGAC meeting). FGDC Steering Committee members have been asked to provide their guidance on issues that NGAC members will discuss in 2012. This guidance will be presented to the NGAC members during their April meeting. Some of the recent and upcoming activities regarding NGAC include: renewal of the NGAC charter (renewed with minor revisions at the end of January); establishment of the NGAC Landsat subcommittee (draft operating procedures and membership are currently under review); and the 2012 NGAC call for nominations (will issue the call later this spring). The next NGAC meetings will take place on April 17-18, 2012 at the American Institute of Architects (AIA) and September 18-19, 2012 at AIA. The next Coordination Group meeting will be on Tuesday, March 13 at NCPC. The proposed agenda was briefly reviewed.

FGDC will host a booth at the ESRI Federal User's Conference next week.

ACTION: Any CG members who can staff the FGDC booth at the ESRI Users' Conference should contact Roxanne Lamb (rhilamb@fgdc.gov).

An update on the LightSquared GPS interference issue was given. The Positional and Navigational Technology office of DOI (PNT) sent a letter to the National Telecommunications and Information Administration (NTIA) on January 13, 2012. PNT noted that the LightSquared plan would result in harmful interference to many types of GPS and low-altitude aircraft systems, based on testing. LightSquared then petitioned the Federal Communications Commission (FCC) for a declaratory ruling, which will be released in March subsequent to a public comment period.

The GeoCloud II testbed initiative was discussed. The kick-off has taken place and ten projects have been selected. This year's focus is on the deployment of common software "platforms" for shared security services and web services for geospatial data to be registered with the Geospatial Platform. The next steps include: providing training for projects; preparing the two latest suites for deployment by the projects; documenting and costing the projects; and beginning deployment.

An update on the recent activities related to the Geospatial Line of Business (LoB) and Geospatial Platform was given. The Managing Partner activities include beginning the process for re-competing the PMO support contract and supporting the development of the Business Plan. The draft interagency agreements text for GeoLoB has been prepared for Managing Partner review. Partner agencies will receive them during the week of February 19. Funding levels will remain the same throughout FY 2012. A table showing the status of PMO activities by task was walked through. Some of the upcoming activities related to the Geospatial Platform include the completion of the review of the Geospatial Platform Business Plan v2; the FGDC geospatial exhibit at the American

Association of Geographers (AAG) conference; and geospatial sessions and an FGDC exhibit at the ESRI Federal Users' Conference.

The NSDI CAP announcement closed on January 24, 2012. Proposals are in review, and awards will be announced in the late March/early April time frame. The GSDI Small Grants Program has awarded fifteen projects for the 2011-12 program.

An update on standards activities was given. The FGDC Secretariat released the final draft of the Coastal and Marine Ecological Classification Standard (CMECS) and comment log to the FGDC Standards Work Group for pre-endorsement review. The FGDC Secretariat also released ISO/DIS 19115-1, Geographic information – Metadata –Part 1: Fundamentals (revision of ISO 19115:2003), to stakeholders for review and comment (comment period closes today). INCITS L1/U.S. TAG will meet next on April 17 at USGS. An OGC North American Forum is in the works. The 12-1 GWG voting session was held on January 31. A teleconference was held on January 24 to discuss the change requests and FGDC participation on the GWG. The GWG has a new chair, Cynthia Chatelain, Deputy Director, National Geospatial-Intelligence Agency Enterprise Architecture and Standards Division.

National Digital Orthoimagery Program (NDOP) Subcommittee Report – Anne O'Connor, Census Bureau

[\[Presentation PDF\]](#)

Anne O'Connor (Census Bureau) gave an update on the recent activities of the NDOP subcommittee. The NDOP Subcommittee is responsible for “developing, promoting, and executing a national strategy for acquisition or development of orthoimagery data for Federal agencies while creating and utilizing partnerships with State, local, Tribal, and private organizations.” Member agencies include: FSA, USGS, NGA, NRCS, FS, BLM, FEMA, NOAA, NSGIC, NPS, EPA, and the Census Bureau. The Subcommittee Chair rotates annually with the transition after the fall meeting; the current Chair is Bill Belton.

Recent meetings of the subcommittee include a project management subgroup meeting, which was held on July 21, 2011, as well as an NDOP Steering Committee meeting in November 2011. Some of the topics discussed at the latter meeting include: the NAIP 2012-14 Acquisition Plan, Illinois and Indiana acquisition programs, agency updates, and subcommittee reports. The meeting outcomes included that the group: confirmed the NAIP 3-year agreement (2012-14), and the acknowledgement that with funding cuts to the Inter-agency Digital Imagery Working Group, some projects and members will be absorbed into the NDOP technical management subgroup.

The recent projects of the NDOP subcommittee were discussed. The NAIP 2012-14 Acquisition Plan has been funded mostly by FSA and some cost-sharing among NRCS, USFS, and DOI agencies. The changes to the new three-year plan were discussed. The partnership agreement was signed at the end of January. Additionally, the Urban Areas program was sponsored by NGA, in partnership with USGS. It uses 1-foot resolution, leaf-off imagery, and the group hopes to continue a three-year refresh cycle for all included urban areas, with a two-year cycle for the top 50 cities. Another issue the subcommittee has been focusing on is an initial discussion of a policy concerning restricted air space over military installations; they will continue this discussion with a representative from DoD. They also discussed a recent example of good coordination: NRCS, NGA, NOAA, USGS and USFS

cooperated on recent orthoimagery acquisitions for Hawaii, North West Hawaiian Islands, Guam and American Samoa. This project was also of benefit to the EPA.

The next meeting of the NDOP Subcommittee will be held in May, 2012 in Washington, DC. Some of the topics to be discussed at the next meeting include: the NAIP 2012 contract, agency updates, subcommittee reports, and a survey of Federal agency acquisition programs. In the coming months, the NDOP subcommittee hopes to discuss: ways in which to present plans and accomplishments to a wider audience; how to better coordinate imagery and elevation data acquisition investments in Alaska; and technology issues such as benefits of different formats, agency standards for compression, and the change of NAIP horizontal accuracy requirement to NSSDA CE95.

Questions/Comments:

Dave LaBranche (DoD) noted that he has been working on the issue of fly-overs on restricted air space. He volunteered his expertise on the issue to the subcommittee.

Marine and Coastal Spatial Data Subcommittee Report – Tony LaVoi, NOAA

Tony LaVoi (NOAA) gave an update on the recent activities of the Marine and Coastal Spatial Data Subcommittee. The purpose of the subcommittee is to advance and implement the Marine and Coastal National Spatial Data Infrastructure, working to develop strategic partnerships, relevant standards, and enhance access to and utility of the coastal and ocean framework.

Integrated Ocean and Coastal Mapping (IOCM) is defined as the practice of planning, acquiring, integrating, and disseminating ocean and coastal geospatial data and derivative products in a manner that permits easy access and use by the greatest range of users. In 2009, the Ocean and Coastal Mapping Integration Act was enacted, and a work group was set up in tandem with this. The three primary tasks are: coordination and collaboration between mapping organizations to avoid duplication of effort and maximize survey time; end-to-end data management to provide an efficient system to assure that all data collected are consistently processed and provided to the national archive centers; and maximum use and re-use of the total archive of mapping data to consistently produce the products that were originally intended, as well as the innovative re-use of these data to produce additional products to serve national needs.

The Ocean and Coastal Mapping Inventory and the components of the National Ocean Policy were discussed. Those include the National Ocean Council (NOC), the nine national priority objectives, and the Framework for Coastal and Marine Spatial Planning (CMSP). The NOC created an Interagency Information Management System (IMS) and CMSP Data Portal Working Group. This was later migrated to Ocean.Data.Gov. The website was released in the October/November 2011 time frame. It includes both data and decision support tools.

The Coastal and Marine Ecological Classifications Standard (CMECS) Version 4 was completed and submitted to FGDC for review and consideration for endorsement. There will be a Standards Working Group vote on CMECS on February 23, 2012. It will later be voted on by the CG and Steering Committee.

Other projects the Marine and Coastal Spatial Data Subcommittee are currently working on were discussed. The Multipurpose Marine Cadastre (MMC) is co-led by NOAA and BOEM. The three principal components of the MMC are the authoritative ocean data; the web map viewers; and tools. The MMC is used heavily by regional teams for decision support and related activities. Another

activity, the Automated Information System (AIS), is an ArcGIS extension that pre-processes GIS data and allows the user to put together vessel traffic maps. The Digital Coast initiative is another effort they are working on. They are bringing together the geospatial and coastal management communities in order to focus on common priority issues, including development of elevation data.

Tony also highlighted two relevant data sets: the U.S. Maritime Zones and Boundaries Data (2011 release) and the Continuously Updated Shoreline Product (to be officially released sometime in Spring 2012).

Questions/Comments:

Doug Vandegraft asked how the work of the MCSD relates to the Geospatial Platform. Tony responded that he would like to see closer alignment between the Geospatial Platform and geo.data.gov/ocean.data.gov. The ArcGIS portal (on the Geospatial Platform) and the geo portal server (on geo.data.gov) currently don't allow for federated searching between the two catalogs. The subcommittee would like to work on improving this interoperability.

Value of Open Standards and Return on Investment – Mark Reichardt, Open Geospatial Consortium

[\[Presentation PDF\]](#)

Mark Reichardt (OGC) gave a presentation on the value of open standards from the point of view of the OGC and its members. OGC has a diverse membership, that provides “360-degree view” of problems from various perspectives. The membership distribution of OGC globally was discussed, including the fact that the Middle Eastern membership has grown quickly in recent years. There are local, national, and international governments represented in OGC, as well as private industry.

The fundamental goal is to increase interoperability. Some of the benefits for technology developers and users include: enhanced return on investment; reduced risk; improved choice in the marketplace; avoiding proprietary “lock in”; reduced costs; extended life of current systems; rapid mobilization of new services; increased market and revenue; and increased ability to compete in international markets. The benefits of utilizing open standards includes : preventing a single, self-interested party from controlling a standard; facilitating competition by lowering the cost of entry; stimulating innovation beyond the standard by companies that seek to differentiate themselves; preventing vendor lock-in; and reducing life cycle costs. Multiple studies confirm the value and advantage of open standards based solutions.

Some of the industry statements on the benefits of OGC standards were discussed. Google, ESRI, Galdos, and PCI Geomatics are among the companies that have touted the benefits of open standards.

One use case related to open standards is Digital Globe. They are supporting both the defense and civil environment. They are able to plug into an existing open geospatial data infrastructure because of open standards, which has helped decision-makers in crisis response efforts. Another use case is PIXIA Corp's HiPER LOOK products that implement OGC WMS specifications to disseminate imagery for the entire African continent.

Norway Digital (one of Norway's national programs for spatial sharing and information) was one of the first SDIs for OGC open standards. Norway Digital is already a working co-operation and infrastructure with reference data and thematic data available, more than 100 operational web map

services, geoportal and other services. In the United Kingdom, Ordnance Survey was one of the first adopters of GML. It is now helping them in back-end modernization. Other examples of international open standards programs in Indonesia, Australia, Taiwan, and the United States were discussed. Mark suggested that the FGDC place a larger emphasis on open standards within the Geospatial Platform.

The value of open standard development was discussed as well. For technology users, technology risk reduction, improvement of choice and competition in the marketplace, reduction of technology lifecycle costs, and the ability to rapidly insert new technology were identified as benefits. For technology developers, the benefits include: the opportunity to cooperatively develop open standards; early insight into user requirements for interoperability; early experience with and influence in developing standards; reduction of development costs / risks and lead time for developing interfaces (community wide cost sharing); bringing new OGC-based products and services into the marketplace earlier; and broadening market reach via products that implement OGC standards.

The OGC web mapping test bed was discussed, as well as the market adoption of WMS 1.0. The OGC interoperability program's return on investment for various test beds was shown, and the return on investment ranged from between 1.9 times and 4 times. The value of the Open GeoSMS developed by OGC was discussed as well.

Overall, many examples of value exist from both the user and the information and technology provider communities. ROI/value is being extended through the formation of policies and guidance in favor of OGC and complementary standards. Standards innovation continues. Mark encouraged the CG to continue to voice their requirements in the OGC process.

UN-Global Geospatial Information Management (UN-GGIM) Update – Tim Trainor, Census Bureau

[\[Presentation PDF\]](#)

Tim Trainor (Census Bureau) reported out on the United Nations Global Geospatial Information Management (GGIM) activities, as well as the formation of a new FGDC work group on the topic. The UN-GGIM is a new UN intergovernmental body to address the emerging issue of global geospatial information management. It brings together global experts from all member states and international geospatial organizations. It aims at playing a leading role in setting the agenda for the development of global geospatial information management, and it addresses key global challenges. Furthermore, it provides a forum to liaise and coordinate among member states, and between member states, international organizations, and the private sector. The UN-GGIM was formed to facilitate coordination between the many international organizations that have been working on issues related to geospatial information, and there is a need for an official mechanism that links the outcomes of these organizations to specific policy decisions and their impact on member states.

The UN-GGIM committee will meet at least once a year, and it reports directly to ECOSOC. They will work together to: develop the full potential of geospatial information and its underlying technology; develop effective strategies on how to build and strengthen national capacity, especially in developing countries; and compile and disseminate best practices and experiences of national, regional and international bodies on geospatial information. More information on the UN-GGIM is available at: <http://ggim.un.org/>.

Several of the recent meetings of the UN-GGIM were briefly reviewed, including the inaugural meeting of the UN Committee of Experts on Global Geospatial Information Management on October 26, 2011. The session was attended by 280 participants from 88 member states, 43 representatives of organizations of the United Nations system, and observers for intergovernmental, non-governmental and other organizations. The FGDC GGIM subcommittee will provide a U.S. body that can address the U.S. position on the issues brought up in the UN-GGIM.

DECISION: The Coordination Group provided their consensus on approving the charter for the FGDC Global Geospatial Information Management (GGIM) Work Group.

***** FED ONLY SESSION BEGINS *****