



Federal Geographic Data Committee Standards Update June 2011

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FGDC

Cultural Resources Spatial Data Standard

- The standard will be used to create, maintain, and distribute cultural resource spatial data. It will ensure that geospatial data are linked to attribute databases that describe each cultural resource.
- Information about this standard may be found at <http://www.fgdc.gov/standards/projects/FGDC-standards-projects/cultural-resources/cultural-resources-home>.
- The task group dedicated to examining existing documentation met on 12 May and provided information to the larger work group afterward.
- The task group on linking attributes to spatial data met on 19 May and initiated an effort to create a survey to distribute to Federal/State/Tribal agencies regarding data sharing.
- The task group for data security met on 1 June.
- The work group's work plan outlines that there will be a basic framework for the data transfer standard by the end of calendar year 2011.
- The work group plans to have a working draft by April 2012.
- Contact: Deidre McCarthy, Deidre_McCarthy@nps.gov, 202-354-2141

Shoreline Data Content Standard

- This standard is intended to enhance the shoreline framework by providing technical guidance on shoreline semantics, data structures, and their relationships to builders and users of shoreline data.
- Information about the standard may be found at <http://www.fgdc.gov/standards/projects/FGDC-standards-projects/shoreline-data-content/index.html>.
- A final draft *might* be resubmitted to the FGDC in summer 2010.
- There are no updates to report for the June 2011 FGDC Coordination Group meeting.
- Contact: Doug Graham, Doug.Graham@noaa.gov, 301-713-2675 x170

United States Thoroughfare, Landmark, and Postal Address Data Standard

- This standard specifies data content, data classification, data quality, and data exchange in XML for street addresses and landmark addresses and points of postal delivery.
- Information about the standard may be found at <http://www.fgdc.gov/standards/projects/FGDC-standards-projects/street-address/index.html>.
- The FGDC-endorsed standard may be found at http://www.fgdc.gov/standards/projects/FGDC-standards-projects/street-address/FGDC_endorsedAddressStandard.zip. It may also be found at www.urisa.org.

- The National Emergency Number Association (NENA) finished its public review of the Next Generation 9-1-1 (NG9-1-1) Civic Location Data Exchange Format (CLDXF) Standard, and is responding to the comments it received. The Address Standard Working Group (ASWG) cannot finalize the Profile Reconciling the FGDC United States Thoroughfare, Landmark, and Postal Address Data Standard and the NENA Next Generation 9-1-1 (NG9-1-1) Civic Location Data Exchange Format (CLDXF) Standard until NENA has a final standard.
- Contact: Martha Wells, mwells@spatialfocus.com, 205-616-0205

Coastal and Marine Ecological Classification Standard (CMECS)

- CMECS provides a means of classifying ecological and habitat units using a common terminology.
Information about CMECS may be found at <http://www.fgdc.gov/standards/projects/FGDC-standards-projects/cmecs-folder/cmecs-index-page>.
- Work on revising CMECS in response to public review comments continues.
- The CMECS Implementation Group, led by NatureServe, will be holding a week-long series of working meetings (“CMECS camp”) on June 6-10 to respond to comments and revise the standard. The goal is a revised structure for CMECS that will form the basis of the final version. NatureServe has been awarded a CAP grant to advance CMECS to final draft.
- Several pilot projects are currently underway or in the planning phase.
- Planning continues for CMECS sessions or presentations at meetings.
- CMECS representatives from NOAA and EPA are working with the Coastal and Marine Spatial Planning (CMSP) writing team to incorporate CMECS directly into the CMSP Strategic Action Plan.
- There are ongoing discussions between CMECS Implementation Group members, the Long Term Ecological Research (LTER) network, and LTER International Committee on integrating CMECS into their strategic planning and local site implementation.
- A final draft is planned for December 2011.
- Contact: Mark Finkbeiner, mark.finkbeiner@noaa.gov, 843-740-1264

Federal Buildings and Facilities Geospatial Data Content Standard

- Information about this standard may be found at <http://www.fgdc.gov/standards/projects/FGDC-standards-projects/FederalBldgsFacilities/index>.
- There are no updates to report for the June 2011 FGDC Coordination Group meeting.
- Contact Sandra Downie, sandra.downie@gsa.gov

Federal Trails Data Standard (FTDS)

- The functional scope of the standard includes the definition of a core set of trail data attributes, corresponding values, and definitions.
- Information about this standard may be found at <http://www.fgdc.gov/standards/projects/FGDC-standards-projects/trail-data-standard/trail-data-standards>.
- At the May 10, 2011 CG meeting, issues were raised with respect to the FTDS. David Duran and Jaime Schmidt of the FTDS team conferred with the person who raised the concerns, and determined that the issues did not affect the content of the standard.

- The FGDC Office of the Secretariat issued an action for CG vote to approve the Federal Trails Data Standard for FGDC endorsement. Votes are due to Arista Maher (amaher@fgdc.gov) and Julie Maitra (jmaitra@fgdc.gov) by Friday, June 24.
- Contact: David Duran, David_Duran@nps.gov, (303) 969-2176.

National Wetland Classification Standard maintenance and revision

- The objective is to produce a newly edited and updated version of the wetlands classification standard, *Classification of Wetlands and Deepwater Habitats of the United States*.
- Information about this standard may be found at <http://www.fgdc.gov/standards/projects/FGDC-standards-projects/maintenance-review-wetlands-classification-std/index>.
- There are no updates to report for the June 2011 FGDC Coordination Group meeting.
- Contact Bill Wilen, Bill_Wilen@fws.gov 703 358-2278

INCITS Technical Committee L1, Geographic information systems

Some information is carried over from the May 2011 standards update.

An INCITS L1/U.S. TAG meeting was held May 18, 2011.

North American Profiles

- Further work on the project to develop a North American Profile of ISO 19110, Geographic information - Methodology for Feature Cataloguing is dependent on advancement of the ISO 19115-1 and ISO 19110 revision projects.
- There is interest in revising the North American Metadata Profile of ISO 19115:2003, Geographic information - Metadata, as ISO 19115 is being revised. We will wait until ISO 19115-1 becomes a Draft International Standard (DIS) to initiate work on revising the North American Metadata Profile.
- The North American Profile of ISO 19115:2003 is an FGDC-endorsed standard.

INCITS 415:2006, Information technology - Homeland Security Mapping Standard - Point Symbolology for Emergency Management

- INCITS 415:2006 was up for 5-year systematic review as an American National Standard.
- It was noted that the FGDC deferred endorsement of INCITS 415:2006.
- INCITS L1 will ask DHS about the status of review of INCITS 415:2006.

INCITS 353-2006, Information Technology – Spatial Data Standard for Facilities, Infrastructure, and the Environment (SDSFIE)

- INCITS 453:2006 was up for 5-year systematic review as an American National Standard.
- It was noted that SDSFIE was up for vote (add new mandated standard) at the May 25 GWG polling session.

- Chris Guthrie of NGA will ask the OSD Defense Installations Spatial Data Infrastructure Office what it plans to do about keeping SDSFIE as an American National Standard.

ISO/Committee Draft (CD) 19101-1 Geographic information – Reference model — Part 1: Fundamentals (reference no. n 3070)

- “This standard defines the reference model for standardization in the field of geographic information.”
- While ISO 19101:2002 is **not** an FGDC-endorsed standard, ISO 19109:2005, which is an FGDC-endorsed standard, builds on the domain reference model of ISO 19101. ISO 19109:2005 is also mandated in the DISR.

ISO/TS 19101-2:2008, Geographic information -- Reference model -- Part 2: Imagery

- “The objective of this Technical Specification is the coordinated development of standards that [allows] the benefits of distributed geographic image processing to be realized in an environment of heterogeneous IT resources and multiple organizational domains.”
- INCITS has issued a call for vote on systematic review of ISO/TS 19101-2:2008. National bodies will make recommendations to withdraw the standard, revise/amend the standard, confirm the standard as-is, confirm with correction of errors, or to abstain.
- L1 will vote on systematic review of ISO/TS 19101-2 at its June 6 meeting.

ISO 19103 Geographic information – Conceptual schema language (Revision of ISO 19103:2004)

- “This International Standard provides rules and guidelines for the use of a conceptual schema language within the context of geographic information. The chosen conceptual schema language is the Unified Modeling Language (UML).” The standard will be updated according to UML 2.0. “This International Standard identifies the combination of the Unified Modeling Language (UML) static structure diagram with its associated Object Constraint Language (OCL) and a set of basic type definitions as the conceptual schema language for specification of geographic information.”
 - ISO/TS 19103:2004 is an FGDC-endorsed standard.
 - UML 2.2 is an FGDC-endorsed standard. It is also mandated in the DISR.
 - Object Constraint Language (OCL), Version 2.2, February 2010 is mandated in the DISR.

ISO 19105:2005 Geographic information – Conformance and testing

- ISO 19105 “specifies the framework, concepts and methodology for testing and criteria to be achieved to claim conformance to the family of ISO geographic information standards.”
- INCITS/ISO 19105:2005 [2006] was up for 5-year systematic review as an American National Standard. INCITS L1 voted to reaffirm the standard as an American National Standard at its May 18 meeting.
- “Noting the recommendation from the Programme Maintenance Group (document N 3149 – to be issued), ISO/TC 211 resolves to revise ISO 19105:2000. ISO/TC 211 instructs the secretariat to send out a call for a new work item proposal.” See resolutions of the 32nd

plenary meeting of ISO/TC 211,
http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf

ISO 19107:2003 Geographic information – Spatial schema

- ISO Technical Committee (TC) 211, Geographic information/Geomatics, has issued a call for a new work item proposal to revise ISO 19107:2003.
- The US will inform the TC 211 Secretariat of its willingness to develop a new work item proposal for ISO 19107. The U.S. subject matter expert (Dr. John Herring) said that he might submit a new work item proposal next year to revise ISO 19107:2005.
- ISO 19107:2003 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO 19108:2002 Geographic information – Temporal schema

- ISO TC 211 has issued a call for a new work item proposal to revise ISO 19108:2002.
- ISO 19108 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO 19109 Geographic information - Rules for application schema (Revision of ISO 19109:2005)

- This project has been added to the ISO TC 211 program of work, as noted in the resolutions of the 32nd plenary meeting of ISO/TC 211,
http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf
- ISO 19109:2005 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO 19110 Geographic information – Methodology for feature cataloguing (Revision of ISO 19110:2005)

- This International Standard defines the methodology for cataloguing feature types.
- ISO 19110:2005 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO 19110:2005 Geographic information – Methodology for feature cataloguing, Amendment 1

- Amendment 1 provides XML schemas that are “meant to enhance interoperability by providing a common specification for describing, validating, and exchanging feature catalogue information.”
- A vote on a recommendation on approval as an International Standard closed April 24. The question was, “Shall the L1 TAG recommend a vote of approval on ISO 19110:2005 FDAM 1?” L1 voted to approve ISO 19110:2005 FDAM 1 as an International Standard.
- The revision of ISO 19110 will incorporate this amendment.

ISO 19112:2003 Geographic information – Spatial referencing by geographic identifiers

- ISO TC 211 has issued a call for a new work item proposal to revise ISO 19112:2003.
- ISO 19112:2003 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO/CD 19115-1 Geographic information – Metadata – Part 1: Fundamentals

- This standard defines “the schema required for describing information and services. It provides information about the identification, the extent, the quality, the spatial and temporal schema, spatial reference, and distribution of digital data.”
- This edition will cancel and replace ISO 19115:2003, Geographic information – Metadata.
- ISO 19115:2003 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO DIS 19117 Geographic information — Portrayal (Revision of ISO 19117:2005)

- Refer to April 2011 Standards Update for information about ISO 19117.

ISO 19118:2005, Geographic information – Encoding

- ISO 19118 provides a model for rule based encoding of data that conforms to an application schema.
- INCITS/ISO 19118:2005 [2006] was up for 5-year systematic review as an American National Standard. INCITS L1 voted to reaffirm the standard as an American National Standard at its May 18 meeting.
- ISO 19118 is an FGDC-endorsed standard (it is not a DISR standard).

ISO 19119 Geographic information - Services (Revision of ISO 19119:2005)

- This standard provides a “framework for developers to create software that enables users to access and process geographic data from a variety of sources across a generic computing interface within an open information technology environment.”
- This project has been added to the ISO TC 211 program of work, as noted in the resolutions of the 32nd plenary meeting of ISO/TC 211, http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf
- This standard will cancel and replace ISO 19119:2005.
- ISO 19119:2005 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO 19123:2005 Geographic information – Schema for coverage geometry and functions

- ISO TC 211 has issued a call for a new work item proposal to revise ISO 19123:2005.
- INCITS/ISO 19123:2005 [2006] was up for 5-year systematic review as an American National Standard. INCITS L1 voted to reaffirm the standard as an American National Standard.
- OGC is working on coverages.
- ISO 19123:2005 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO 19130-2 Geographic information - Imagery sensor models for geopositioning — Part 2: SAR, InSAR, Lidar and Sonar

- No updates to report for the June 2011 CG meeting.

ISO 19132:2007, Geographic information – Location-based services – Reference model

- “Noting the result of the systematic review (document N 3092), ISO/TC 211 resolves to confirm ISO 19132:2007.” – see resolutions of the 32nd plenary meeting of ISO/TC 211, http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf.
- ISO 19132:2007 is an FGDC-endorsed standard. It is not listed in the DISR.

ISO 19133:2005, Geographic information - Location-based services - Tracking and navigation

- ISO TC 211 has issued a call for a new work item proposal to revise ISO 19133:2005.
- The U.S. subject matter expert said that ISO 19133:2005 did not need revision.
- INCITS/ISO 19133:2005 [2006] was up for 5-year systematic review as an American National Standard. INCITS L1 voted to reaffirm the standard as an American National Standard at its May 18 meeting.
- ISO 19133:2005 is an FGDC-endorsed standard (it is not a DISR standard).

ISO 19135-1 Geographic information – Procedures for item registration – Part 1 (Revision of ISO 19135:2005)

- ISO 19135:2005 is being revised to ensure that the XML encoding in ISO 19135-2 is compliant with the conceptual models in ISO 19135.
- INCITS/ISO 19135:2005 [2006] was up for 5-year systematic review as an American National Standard. INCITS L1 voted to reaffirm the standard as an American National Standard at its May 18 meeting, while revision of the standard is underway.
- ISO 19135:2005 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO 19135-2 Geographic information – Procedures for item registration — Part 2: XML Schema Implementation

- “This document defines an XML encoding for the storage and exchange of registers and register items compliant with ISO 19135:2005, Geographic information – Procedures for item registration. This encoding conforms to the rules described in ISO 19139:2007, Geographic Information – Metadata – XML Schema Implementation.”
- Both ISO 19135:2005 and ISO 19139:2007 are FGDC-endorsed standards. They are both mandated in the DISR.

ISO 19136:2007, Geographic information – Geography Markup Language

- “Noting the result of the systematic review (document N 3069), ISO/TC 211 resolves to confirm ISO 19136:2007.” – see resolutions of the 32nd plenary meeting of ISO/TC 211, http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf
- ISO 19136:2007 is an FGDC-endorsed standard.
- ISO 19136:2007 is also mandated in the DISR. ISO 19136:2007 is equivalent to OGC GML 3.2.1. OGC 3.1.1 is mandated in the DISR, with a sunset tag, as many legacy systems use OGC 3.1.1.

ISO 19139-2 Geographic information - Metadata - XML Schema Implementation - Part 2 : Extensions for imagery and gridded data

- “This Technical Specification defines geographic metadata for Imagery and gridded data XML (gmi) encoding. This Technical Specification extends the ISO/TS 19139 specification to define XML Schema implementation for ISO 19115-2, Metadata for imagery and gridded data.”
- ISO 19115-2:2009 is an FGDC-endorsed standard (it is not a DISR standard).

ISO 19141:2008, Geographic information -- Schema for moving features

- INCITS issued a call for vote on systematic review of ISO 19141:2008. National bodies will make recommendations to withdraw the standard, revise/amend the standard, confirm the standard as-is, confirm with correction of errors, or to abstain.
- L1 will vote on systematic review of ISO 19141:2008 at its 2011-06-06 meeting.
- The FGDC has endorsed ISO 19141:2008 (it is not a DISR standard).

ISO 19144-2 Geographic information — Classification systems — Part 2: Land Cover Meta Language (LCML)

- “[ISO 19144-2] specifies a Land Cover Meta Language (LCML) expressed as a UML metamodel that allows different land cover classification systems to be described based physiognomic aspects. [It] recognizes that there exist a number of land cover classification systems. It provides a common reference structure for the comparison and integration of data for any generic land cover classification system, but does not intended to replace those classification systems.”
- No updates to report for the June 2011 CG meeting.

ISO 19145, Geographic information - Registry of representations of geographic point location

- “This International Standard specifies the process for establishing, maintaining and publishing registers of representation of geographic point location in compliance with ISO 19135.”
- ISO/TC 211 instructs the secretariat to forward the document to ISO for Final Draft International Standard (FDIS). – see resolutions of the 32nd plenary meeting of ISO/TC 211, http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf
- L1/U.S. TAG voted not to adopt ISO 19145 as an American National Standard.

ISO 19147, Geographic information – Transfer nodes

- “This international standard specifies the data types, and operations associated with those types, for the implementation of Transfer Nodes and their services in transport modelling and location based services.”
- No updates to report for the June 2011 CG meeting.

ISO 19150-1, Geographic information — Ontology — Part 1: Framework

- “This Technical Specification defines the framework for semantic interoperability of geographic information. This framework defines a high level model of the components required to handle semantics in the ISO geographic information standards with the use of ontologies.”
- This project has been added to the ISO TC 211 program of work, as noted in the resolutions of the 32nd plenary meeting of ISO/TC 211,
http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf

ISO 19150-2, Geographic information - Ontology - Part 2: Rules for developing ontologies in the Web Ontology Language (OWL)

- “ISO 19150-2 defines rules and guidelines for the development of ontologies to support interoperability of geographic information over the Semantic Web. It defines the conversion of the UML class diagram elements used in the ISO geographic information standards into Web Ontology Language (OWL).”
- This project has been added to the ISO TC 211 program of work, as noted in the resolutions of the 32nd plenary meeting of ISO/TC 211,
http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf

ISO 19151, Geographic information - Logical location identification scheme

- “This Standard proposes a logical position identification scheme, u-Position to be used for referencing spatial information in any distributed environments without physical position data such as coordinates.”
- ISO TC 211 resolved to delete this project - see resolutions of the 32nd plenary meeting of ISO/TC 211,
http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf

ISO DIS 19152, Geographic information — Land Administration Domain Model (LADM)

- The focus of this standard is on “that part of land administration that is interested in rights, responsibilities and restrictions affecting land (or water), and the geometrical (geospatial) components thereof.”
- No updates to report for the June 2011 FGDC Coordination Group meeting.

ISO DIS 19155, Geographic information – Place identifier (PI) architecture

- “This International Standard specifies an architecture that defines a reference model with an encoding method for an identifier of a place.” The concept of place may include “places” in the virtual world, such as URIs.
- At its May 18 meeting, L1 voted to abstain on suitability for publication as an International Standard. It noted that previous concerns raised by the U.S. about conflicts with ISO 19112:2003, Geographic information – Spatial referencing by identifiers and Open Geospatial Consortium Best Practices document Gazetteer Service - Application Profile of the Web Feature Service Implementation Specification were not addressed.
- L1 voted against adopting ISO 19155 as an American National Standard for the same reasons.

ISO 19157, Geographic information – Data quality

- “This International Standard establishes the principles for describing the quality of geographic data.”
- After the standard is amended for editorial changes, the TC 211 Secretariat will forward the standard for publication as a Draft International Standard (DIS) – see resolutions of the 32nd plenary meeting of ISO/TC 211, http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf
- ISO 19157 cancels and replaces ISO 19113:2002, ISO 19114:2003, ISO 19114:2003 Cor. 1:2005 and ISO/TS 19138:2006.
- ISO 19113:2002 and ISO 19114:2003 with ISO 19114:2003 Cor. 1:2005 are identified as Information/Guidance documents in the DISR.
- ISO/TS 19138:2006 is an FGDC-endorsed standard. It is also mandated in the DISR.

ISO/DTS 19158, Geographic information – Quality assurance of data supply (n 3084)

- “The framework defined in ISO 19158 enables a customer to satisfy itself that its suppliers, both internal and external, are capable of delivering geographic information to the required quality.”
- ISO 19158 will be amended on the basis of comments received, and the ISO TC 211 will forward the revised document to ISO for publishing as a Technical Specification - see resolutions of the 32nd plenary meeting of ISO/TC 211, http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf.

ISO 19159, Geographic information — Calibration and validation of remote sensing imagery sensors and data

- ISO/WD 19159, Geographic information — Calibration and validation of remote sensing imagery sensors and data (version 1.4) was posted on the ISO/TC 211 document register (document date May 19, 2011).

ISO 19160, Geographic information – Addressing

- The objective of this study project is to “review existing address standards in order to identify international addressing standardization requirements and to make recommendations on how these should be developed.”
- A project team meeting was held the week of May 23-27 in Delft, The Netherlands.

Other

- ISO/TC 211 issued a new work item proposal for Ubiquitous public access - Reference model for vote. The project, if approved, will develop a conceptual framework to deal with “how geographically explicit context information can be extracted from varied information sources (such as lexical information, photos, voices, and more), how a multitude of open geographic data produced and distributed by the general public can be semantically linked to meet the user’s contextual requests, and how heterogeneous types of geographic information can be seamlessly accessed, and integrated, and provided to a user regardless of the kind of device the user operates.”

- INCITS L1 voted NO on the new work item proposal, as the Stage 0 project is not complete.

The 32nd Plenary of ISO TC 211 was held May 26-27 in Delft, The Netherlands. Refer to Resolutions, http://www.isotc211.org/opendoc/211n3148/211n3148_Resolutions_32nd_meeting_Delft.pdf.

Contact Julie Maitra, FGDC representative to INCITS L1, jmaitra@fgdc.gov, (703) 648-4627 or your agency representative to INCITS L1. INCITS L1 Chair: Liping Di, Ph.D, ldi@gmu.edu.

Open Geospatial Consortium

- The OGC Technical Committee and Planning Committee meetings are being held June 12-17 in Taichung, Taiwan. For more information about the next OGC Technical Committee and Planning Committee meetings, see <http://www.opengeospatial.org/pressroom/pressreleases/1383>.
- OGC members should have voted on whether to adopt Open GeoSMS, a candidate standard for encoding location in SMS messages. GeoSMS has been identified as an “on-deck” standard within the GWG.
- The Open Geospatial Consortium (OGC) requests reference implementations of the OGC Web Map Tile Service (WMTS) Interface Standard for use in compliance testing. For more information, see <http://www.opengeospatial.org/pressroom/pressreleases/1395>. The FGDC has endorsed the WMTS standard. It is also mandated in the DISR.
- The OGC seeks public comment on the candidate standard “Earth Observation Metadata profile of the OGC Observations and Measurements Standard.” The Earth Observation metadata profile is based on the OGC Observations and Measurement Standard. Comments are due July 13, 2011. For more details, see <http://www.opengeospatial.org/pressroom/pressreleases/1402>.
 - OGC 07-022r1, Open Geospatial Consortium, Observations and Measurements - Part 1 - Observation schema, Version 1.0, 2007/12/08, is identified as an emerging standard in the DISR.
 - The GWG Information Transfer and Services Architecture (ITSA) Focus Group has identified ISO 19156 Geographic Information: Observations and Measurements (OGC O&M v2.0) and OGC Observations and Measurements - XML Implementation, version 2.0 as “on-deck” standards (add as emerging standards) for the 11-3 GWG/DISR cycle.

Geospatial-Intelligence Standards Working Group (GWG)

- The GWG polling session (voting members only) was held May 25. The FGDC voted “yes” on several OGC standards for which the change request proposals were to add as emerging standards to the DISR.
- The next GWG polling session should take place no later than September 22. The change request package will be issued 30 days prior to the polling session.
- GWG Focus Groups have identified “on-deck” standards to be submitted for vote at future GWG polling sessions.
- A World Geodetic System and Geomatics Focus Group is being formed. A draft charter has been released for review via the GWG mailing list. Comments are due Monday, July 25.
- A review and comment period for the final draft NGA Standard ‘LiDAR Data and Metadata: Conceptual Model and Metadata Dictionary (CMMD) for Enterprise Level One Volume Return Products’ was announced on the GWG mailing list. Comments are due Friday, July 29.
- A review and comment period for the ‘NGA Implementation Profile for TIFF/GeoTIFF, Version 2’ was announced on the GWG mailing list. Comments are due Friday, June 22.
 - TIFF and GeoTIFF are FGDC-endorsed standards. They are also mandated in the DISR.

FGDC/GWG process alignment

- A formal call for participation on GWG Focus Groups was issued to the CG on May 16. The following people were identified in response to the call:
 - Colby Harmon of the Marine Chart Division, Office of Coast Survey, National Ocean Service, National Oceanic and Atmospheric Administration (Portrayal Focus Group)
 - Tianpu (Tim) Liang, GIS Architect, Natural Resources Conservation Service (NRCS) (tentatively all Focus Groups)
 - Anne Ball, NOAA Coastal Services Center (Metadata Focus Group)
 - Phillip Herndon, NOS/MBO, Information Management Division (NOAA) (Metadata Focus Group)
 - Dr. Chris Parrish, Remote Sensing Division, National Geodetic Survey (Community Sensor Model Working Group)
- No one has been identified for the following Focus Groups in response to the call:
 - Motion Imagery Standards Board (MISB)
 - Overhead Persistent Infrared Focus Group (OFG)
- The FGDC GWG Task Team met on May 17. At the meeting, participants reviewed the structure of a GWG tracking inventory and agreed to it in principle.
- The FGDC GWG Task Team met again on May 27. Much of the discussion focused on developing a policy on and procedures for FGDC endorsement of federally authored standards and non-federally authored standards being vetted by the GWG.

Contact Julie Maitra, FGDC representative to GWG, jmaitra@fgdc.gov, (703) 648-4627.

Standards use survey

- The deadline for completing the standards use survey was Friday, June 3.
- Next steps:
 - Manipulate/analyze data
 - Prepare/format report on survey findings
 - Present departmental responses to CG/SC agencies for validation
 - Publish findings in Annual Report.