



Federal Geographic Data Committee Standards Update July 2011

Julie Binder Maitra, JMaitra@fgdc.gov, 703-648-4627

Some information might be carried over from the June 2011 standards update.

Progress on standards projects is now being tracked in a spreadsheet, provided as a read-ahead. Updates will be provided monthly. This read-ahead provides information about standardization activities that cannot readily be documented in the standards tracking spreadsheet.

FGDC

- Please refer to the standards tracking spreadsheet for progress on select FGDC standards activities.
- The team working on the 2011 CAP project Category 2: *Quality and Data Exchange Tool Design for United States Thoroughfare, Landmark and Postal Address Data Standard* is working on a task to describe tool modules and would like FGDC participation in developing use cases.

INCITS Technical Committee L1, Geographic information systems

The last INCITS L1/U.S. TAG meeting was held June 6, 2011.

- The issue of encoding formats for imagery and gridded data needs to be resolved. Related standards are: Geo enabled JPEG 2000, (and GMLJP2), GeoTIFF, HDF 5, HDF-EOS, NetCDF, ISO 12087-5 BIFF, (NTIF, STANAG 4545), Geo enabled PDF (ISO/IEC 32000 + ? metadata), Geo enabled PNG (ISO/IEC 15948:2003 + XML metadata), ISO 8211 (ADRG, ...), and RPF (DGIWG DIGEST based). Several of the standards are FGDC-endorsed standards and are also cited in the DISR. The U.S. had insufficient resources to support this project. China said that it might take this project on and introduce an NWIP.
- ISO/TC 211 issued a new work item proposal for Ubiquitous public access - Reference model for vote. The vote closed July 4. 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 study project is not complete.
- Please refer to the standards tracking spreadsheet for progress on both domestic and international (ISO Technical Committee 211, Geographic information/Geomatics) standards projects, including calls for comments. The revision of ISO 19115, Geographic information – Geomatics will necessitate revision of other standards.

- The ISO/TC 211 Program Management Group has identified potential future projects – see <http://www.isotc211.org/pmg/programme.htm>. Member bodies will be asked to volunteer New Work Item Proposals.

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 Strategic Member Advisory Committee meeting was held June 7. New community standards (e.g, KML, netCDF, etc) coming into OGC must include or specialize a location element and include reference to other standards and its relation to the OGC suite of standards.
- OGC has issued a call for comments on GML 3.3. The deadline is August 4. For more information, visit <http://www.opengeospatial.org/standards/requests/79>. GML 3.3 will be backwards compatible with GML 3.2.1 (ISO 19136:2007). ISO 19136 is an FGDC-endorsed standard and is mandated in the DISR. GML 3.1.1 is mandated in the DISR with a sunset tag. GML 4.0 is also in progress.
- Refer to the standards tracking spreadsheet for call for review and comments on other OGC standards.
- Subscribe to OGC news feeds and the OGC newsletter for current information about OGC activities.
- Contact your OGC representative for more information.

Geospatial-Intelligence Standards Working Group (GWG)

- A World Geodetic System and Geomatics Focus Group is being formed. The purpose of this new Focus Group is to address the standardization of the World Geodetic System (WGS) and the activities related to its implementation that enable the provision of timely, relevant, and accurate geo-referenced data and information. A draft charter has been released for review via the GWG mailing list. Comments are due to Michael Harbaugh, NCGIS, Michael.W.Harbaugh@NGA.MIL, by Monday, July 25.
- GWG polling session:
 - The next GWG polling session should be held no later than September 22.
 - The change request (CR) package will be issued 30 days in advance of the polling session.
 - The FGDC Office of the Secretariat will forward CR proposals to the CG for review.
 - The CG will vote on approval of the change requests within the 30-day window.
 - A “yes” vote means that you approve the standard for FGDC endorsement, and upon FGDC endorsement by the SC, the standard will be mandatory for use for FGDC member agencies.

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

Standards use survey

- Next step:
Prepare report on survey findings, using survey results that CG members have validated for their agency. Some findings will be published in the 2011 FGDC Annual Report.