



February 8, 2011

## Coordination Group Meeting

# Subcommittee for Cadastral Data Update to Coordination Group

Don Buhler

Chief Cadastral Surveyor, Bureau of Land Management

202-912-7353

[don\\_buhler@blm.gov](mailto:don_buhler@blm.gov)

# Introduction

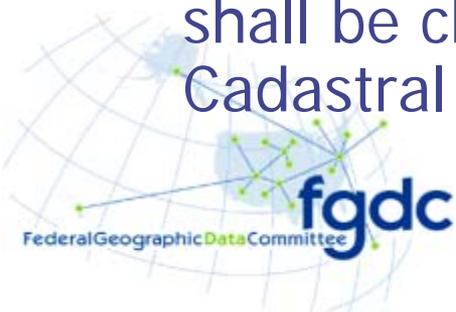
Subcommittee for Cadastral Data (hereafter called the Subcommittee) will assist the lead agency to coordinate federal agencies, Tribal, state and local agencies and the private sector interests in cadastral data, including the facilitation of exchange of information and transfer of data; the establishment and implementation of standards and guidelines for quality, content and transferability of data; the identification of business requirements, the construction, publication and maintenance of the national cadastre and the collection of spatial data to minimize duplication of effort where practicable and economical.



# Introduction

Membership (from the Charter) include:

- The Subcommittee shall consist of representatives designated and accepted by the existing membership who collect, or finance the collection of, cadastral data as part of their Agency's mission or have direct application of these to meet legislated mandates. Each member agency/organization on the Subcommittee shall designate its representative, an alternate if necessary, and changes thereto, to the Subcommittee Chairperson. Other organizations may be added with the concurrence of the Subcommittee Chairperson. The Subcommittee shall be chaired by the Bureau of Land Management Cadastral Survey



# Introduction

Membership (from the Charter) include:

- Don Buhler BLM
- Robert Ader BLM
- <http://www.nationalcad.org/membership.asp>

38 members – regular participants

Approximately 100 interested parties



# Recent Meetings

- ◆ The Subcommittee for Cadastral Data last met as a full Subcommittee December 2009 by conference call.
- ◆ The topics discussed at this meeting include:
  - In 2010 the subcommittee will meet and organize into a series of workgroups
    - ◆ Federal Parcels – Doug Vandegraft lead
    - ◆ PLSS Standardization – Bob Ader Lead
    - ◆ State Parcels – NSGIC Lead
    - ◆ Private Parcels – Jon Sperling Lead
    - ◆ Tribal Lands – TBD
    - ◆ Metadata – Bob Ader Lead
  - Adopted Essential Metadata for cadastral information
- ◆ Some of the outcomes arising from this meeting include:
  - 2010 Workgroup organization
- ◆ The Subcommittee for Cadastral Data workgroups held over 35 conference calls and meetings in 2010





# PLSS Customers

## ◆ Richard Wells – Las Vegas NV

Much thanks too to the efforts of Mark and the BLM for all that other info that has come out the last few weeks - I really appreciate it!!!

## ◆ Ken Plewe – Rye County NV

Thanks so much for the info and links you've sent. Great information and resources. The PLSS (several versions) is one file I've had issues with in GIS. Much of our early data base is based on older versions, and I've used similar GCDBs prior to working here at Nye County. Unfortunately much of the work we've inherited is based on bad versions of the PLSS and now needs to be redone. Hopefully the new version will move us closer to a more perfect union of GIS data.

## ◆ Ron Hess - NV Mines and Minerals

The digital version of the Nevada PLSS, the merged together GCDB data set, is a nice product. I have down loaded it without problem. I have received positive feed back about this data set from several members of the Nevada State Mapping Advisory Committee. Over the past several years we have had numerous requests for digital PLSS based on the GCDB data. This draft data release appears to be a big step in that direction. We look forward to the release of the finalized product in the near future.

# Parcel Level Data – Federal Parcels

◆ Chaired by Doug Vandegraft

## Goals

- ◆ To identify and verify the definition of federal parcels and the attributes for core publication data for federal parcels.
- ◆ Determine the current status of parcel collection and automation in the federal land management agencies.
- ◆ Estimate the level of effort and resources required to complete a first version of the publication data set for federal parcels.



# Parcel Level Data – Federal Parcels

- Many of the land agencies have developed publication servers for federally managed lands that serve internal agency needs. (COE, BIA, DoD, USFS, BLM, USFWS, NPS)
- Some have developed services for publication data for the public.
- There is a need to have a standardized format in terms of attribution and presentation to assist the general public in consuming this information.
- Many agencies are further along in the completion of the parcel data collection than expected at the beginning of the project.



# Inventory of State Contacts and Status

- Work with NSGIC to develop cadastral contacts in each state
- Use the national GIS inventory, Ramona, to compile and maintain local and state contacts for parcel level data.
- Support states by providing them with standardized PLSS data and standardized federal parcel data for their state



# Inventory of State Contacts and Status

Table 1 - 2009 Findings Summary

Statistic or Measure	Count
Total Number of non-government owned parcels in U.S.	150 million
Total Number of parcels in a “GIS ready” format	123 million (82%)
Number of Counties with parcels in a “GIS ready” format	Approximately 1600 (50 %)
Percentage of Population living in areas with parcels in a “GIS ready” format	Approximately 93 %
Percent of U.S. land area with parcels in a “GIS Ready” format	Approximately 55 %

◆ A survey of states to ascertain the status of parcel data completion was completed in early 2010. The report is available in Subcommittee's publication site

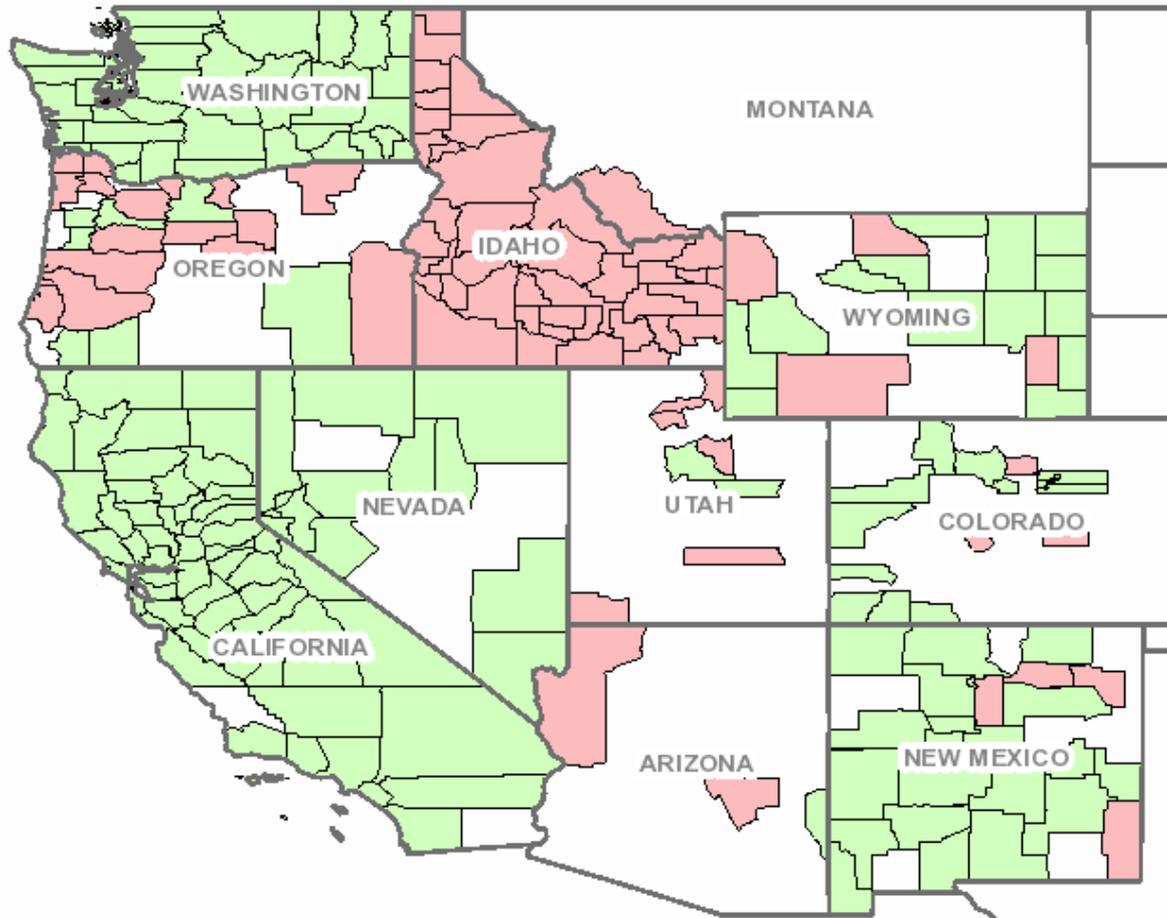
◆ <http://www.nationalcad.org/showdocs.asp?docid=1158&navsrc=Project>

# Inventory of State Contacts and Status

- ◆ The Subcommittee's strategic vision for a national cadastre is **for the states to assume the responsibility for compilation and publication of both local government parcels, corners of common control and state public land parcels for government-to-government data sharing.** The reasoning behind promoting the states to serve as the *Trusted Data Source* for the state's local government parcels and can better coordinate and work with the local parcel producers in their states.
- ◆ Coordinate with NSGIC and support the GIS Inventory as a location for information on contacts and spatial data status.



# Wildland Fire Parcel Standardization



- ◆ Green – counties with completed standardized cross walk
- ◆ Red – data sources identified but crosswalk not completed or incomplete.
- ◆ **NOTE:** All of Montana is completed but crosswalk not needed because data is provided in standard format

# Wildland Fire Parcel Standardization

- ◆ **Florida** – Data is provided through a state FTP site and crosswalk to the data on the FTP site has been completed
- ◆ **North Carolina** – Provided all available site address points statewide as a surrogate for parcel data to support wildland fire
- ◆ **Mississippi** – five coastal counties have been crosswalked and standardized
- ◆ **Wisconsin** – is making progress toward statewide collection of standardized data that will be available to wildland fire
- ◆ **Arkansas** – Provide available parcel data on FTP site in a standardized form, no cross walk needed



# Mortgage Study Update

- ◆ Dodd-Frank Financial Reform Bill – 2010
- ◆ New Data Requirement –
  - as the Bureau may determine to be appropriate, the parcel number that corresponds to the real property pledged or proposed to be pledged as collateral;
- ◆ Worked with the Federal Reserve Board on technical and data issues facing the implementation of this requirement



# Coordination Group Vote

- ◆ No Coordination Group Votes are requested



# Next Meeting

- ◆ The next meeting of the Subcommittee for Cadastral Data will be held when the work group leads request a meeting of the full Subcommittee.
- ◆ The topics to be discussed will be established when the need for a meeting is determined.



# Next Steps

- ◆ In the coming months, the Subcommittee for Cadastral Data hopes to accomplish
  - Continue to support the development and publication of standardized PLSS data
  - Continue to support the use and adoption of the PLSS standard
  - Continue to support parcel data for wildland fire
  - Support states in developing standardized parcel data
  - Support the Federal reserve Board as requested



# Questions?

Don Buhler  
Chief Cadastral Surveyor  
Bureau of Land Management  
202-912-7353  
[don\\_buhler@blm.gov](mailto:don_buhler@blm.gov)

