

MEETING NOTES

State Mapping Advisory Committee (SMAC)

November 9, 2006

held at

U.S. Bureau of Land Management, Nevada State Office

Main Conference Room, 1340 Financial Blvd.

Reno, Nevada

1:30 PM: OPENING REMARKS and Welcome by Jon Price (NBMG), Committee Chairman

After a brief review of the history of the State Mapping Advisory Committee, Jon asked the meeting participants to introduce themselves.

OLD and NEW BUSINESS

Status of the National Agricultural Imagery Program (NAIP) Nevada Cooperative Project 2006, by Tom Sturm (U.S. Geological Survey), Craig Hale (Southern Nevada Water Authority), and Ron Hess (NBMG)

Preliminary county mosaics are available for eight counties, and all of the county mosaics should be available by the end of the year. Full 1-meter resolution digital orthophoto quarter quads (DOQQs) in tiff format should be available by August of 2007. The Nellis Air Force Range and the Nevada Test Site, including a security perimeter around both, were not flown. The final outline of the area flown around the Range and Test Site are still being determined. The Nevada Department of Transportation (NDOT) has volunteered to mosaic the DOQQs into compressed 7.5-minute quadrangles and compressed 30 minute blocks. All of these datasets, including some color infrared imagery (CIR), will be made available through the Keck Web Site (<http://keck.library.unr.edu/data/naips/naips.htm>). At present, none of the CIR data from the additional purchase areas has been delivered.

The Nevada Department of Transportation, Southern Nevada Water Authority, Washoe County, U.S. Bureau of Land Management, U.S. Geological Survey, U.S. National Fish and Wildlife Service, U.S. Natural Resource Conservation Service, U.S. Forest Service, Nevada Bureau of Mines and Geology, and the Farm Service Agency were thanked by Ron Hess for their contributions and efforts that made the Nevada 2006 NAIP mission possible.

Request for letter of support for the Imagery for the Nation initiative

The following letter was submitted by Ron Hess:

State Mapping Advisory Committee (SMAC) meeting; Thursday, November 9, 2006

Request for letter of support from the Nevada State Mapping Advisory Committee for the Imagery for the Nation initiative.

The National States Geographic Information Council (NSGIC) is working with the U.S. Geological Survey and the Department of Agriculture to create a new, federally funded, nationwide aerial imaging program (known as Imagery for the Nation) that will collect and disseminate standardized multi-resolution orthophotography products on a regular schedule. Local, state, regional, tribal, and federal partners will be able to exercise enhancement options for higher resolution/accuracy products based on their unique requirements.

Resolution in support of Imagery for the Nation

The Nevada State Mapping Advisory Committee is aware of the National States Geographic Information Council's Imagery for the Nation proposal. This proposal supports having a nationwide systematic program of orthophotography that is flown on a regular basis. State and local agencies will have options to cooperatively purchase a higher resolution product in areas of their choosing. Regularly scheduled and funded statewide orthophotography is needed by federal, state, and local government agencies in Nevada for short- and long-term land use-planning, emergency response, resource development, watershed planning, and rangeland management.

The Nevada State Mapping Advisory Committee hereby endorses the Imagery for the Nation proposal and looks forward to working with the National States Geographic Information Council and federal agencies in its implementation.

After a brief discussion, Ron Hess made the motion to adopt the resolution in support of Imagery for the Nation as written. Tom Sturm seconded the motion and by show of hands the resolution passed by a unanimous vote.

Report on proposed GIS programs and positions within State agencies, by Kay Scherer (Nevada Department of Conservation and Natural Resources)

A bill draft has been submitted that would create a GIS coordination position for the state natural resource agencies that fall under the Executive branch. This position would also assist in training and GIS project development for the various agencies. A request to fund a data conversion project for the Nevada Division of State Lands has also been submitted. In addition to these efforts, there is an ongoing discussion about the possible creation of a fulltime paid State GIS coordinator who would work in the Governor's Office of Administration and Budget.

Several attendees pointed out that with the development of various GIS coordination/management positions within State government it was still very important to ensure that Federal and local GIS data developers and users continue to be included in the coordination process for GIS data development in Nevada. We need to make sure that Federal and local agencies remain active and equal participants with State agencies in the overall GIS coordination process for Nevada.

Mike Visher, Nevada Division of Minerals, announced that his agency has created a GIS/Field Specialist position which will support the abandoned mine lands program and the oil, gas, and geothermal regulatory programs that are housed in their Division. The new hire job description flyer should be out in two weeks.

Update on U.S. Geological Survey's National Hydrography Dataset (NHD) in Nevada, by Tom Sturm

The NHD is designed to be a comprehensive representation of the national stream network. Various Federal and State agencies are currently using parts of this data set in Nevada. Tom is interested in speaking with any agencies that may be interested in volunteering to become the official steward of NHD for Nevada. This would include overseeing future updates, additions, modifications, and long term maintenance of the data set. There may be an opportunity in the near future to hold a NHD training workshop in Nevada. This would include information on usage, update, and maintenance procedures for the NHD.

NHD coverage in Nevada is nearing completion. Two basins are currently being converted to digital format; an additional two basins are planned for digital conversion; and the rest of the basins in Nevada have been completed. The four basins that have not been completed are in northwestern Nevada, and all four should be completed and available via the NHD Website (<http://nhd.usgs.gov/>) by September of 2007. See attached index graphic.

Review of Census Bureau TIGER file modernization, by Tom Sturm

Currently, Washoe, Storey, Pershing, Mineral, Esmeralda, White Pine, and Lander Counties have been completed under the TIGER modernization program. An additional five counties have been delivered to the Census Bureau for quality control checks. The remaining counties are in various stages of production with the entire modernization program scheduled to be completed by late 2008. See attached index graphic.

A comparison of the TIGER 2000 data line work in Storey County with the new data was shown. The new TIGER data appeared to be of better quality and higher accuracy, when compared to an underlying 2006 NAIP image, than the 2000 TIGER data.

Report on ongoing projects at the Nevada Department of Transportation (NDOT), by Eric Warmath (NDOT)

NDOT is continuing their update program for 30' quad maps and local area (or city) maps. Quad maps that have been recently updated include 6-3 Ely area, 6-2 Baker area, 7-3 Lund area, and 3-6, -7, and -8, which include the Battle Mountain, Beowawe, and Winnemucca areas. Local area maps that have been recently updated include Mesquite, Moundhouse, Incline Village, Carson City, Virginia City/Goldhill/Silver City, and Washoe City.

For an index and access to current NDOT 30' quad maps, go to <http://www.nevadadot.com/traveler/maps/quadindex/> . For local area maps go to <http://www.nevadadot.com/traveler/maps/areamaps/> . Other current and historical State maps can be accessed at <http://www.nevadadot.com/traveler/maps/> .

NDOT is involved in updating and enlarging the GPS base station network around Nevada. They are also improving and increasing the location density of the High Accuracy Reference Network (HARN) in Nevada.

Information report on RAMONA, by Tom Sturm

RAMONA is a GIS inventory system that was developed to inventory the GIS data holdings of tribal, state and local governments, and their partners. It provides one consistent platform for the Nation that is designed to work in concert with the Geospatial One Stop (GOS) Portal, but it can also be customized for use by each state. However, even though RAMONA associates your data with a certain amount of metadata, it is not a metadata tool and does not need or generate FGDC-compliant metadata for your coverages.

Tom is willing to update the RAMONA system for various coverages in Nevada. The coverages he is interested in are governmental boundaries, emergency facilities, roads, streams, etc. But to make this happen he will need to find contacts in the various agencies that are knowledgeable about the existence and extent of these datasets within their agency and also are willing to work with Tom to input the index information into RAMONA.

Open discussion and comments.

Eric Peterson announced that the Nevada Natural Heritage Program is starting a new noxious weed mapping project.

4:15 PM: ADJOURN

If you have questions please contact Ron Hess, Executive Secretary, Nevada State Mapping Advisory Committee at (775) 784-6691 x 121 or Email rhess@unr.edu.

State Mapping Advisory Committee Web Page
<http://www.nbmgs.unr.edu/smac/smac.htm>

Virtual Clearinghouse of Nevada Geographic Information Web Page
<http://www.nbmgs.unr.edu/geoinfo/geoinfo.htm>

NEVADA STATE MAPPING ADVISORY COMMITTEE

The Governor of Nevada established the State Mapping Advisory Committee (SMAC) in 1983 to advise the U.S. Geological Survey (USGS) on state priorities for map products and to inform map users about the status of mapping programs and the availability of map products. The Governor named the Director of the Nevada Bureau of Mines and Geology as the chair of SMAC.

OPEN MEMBERSHIP

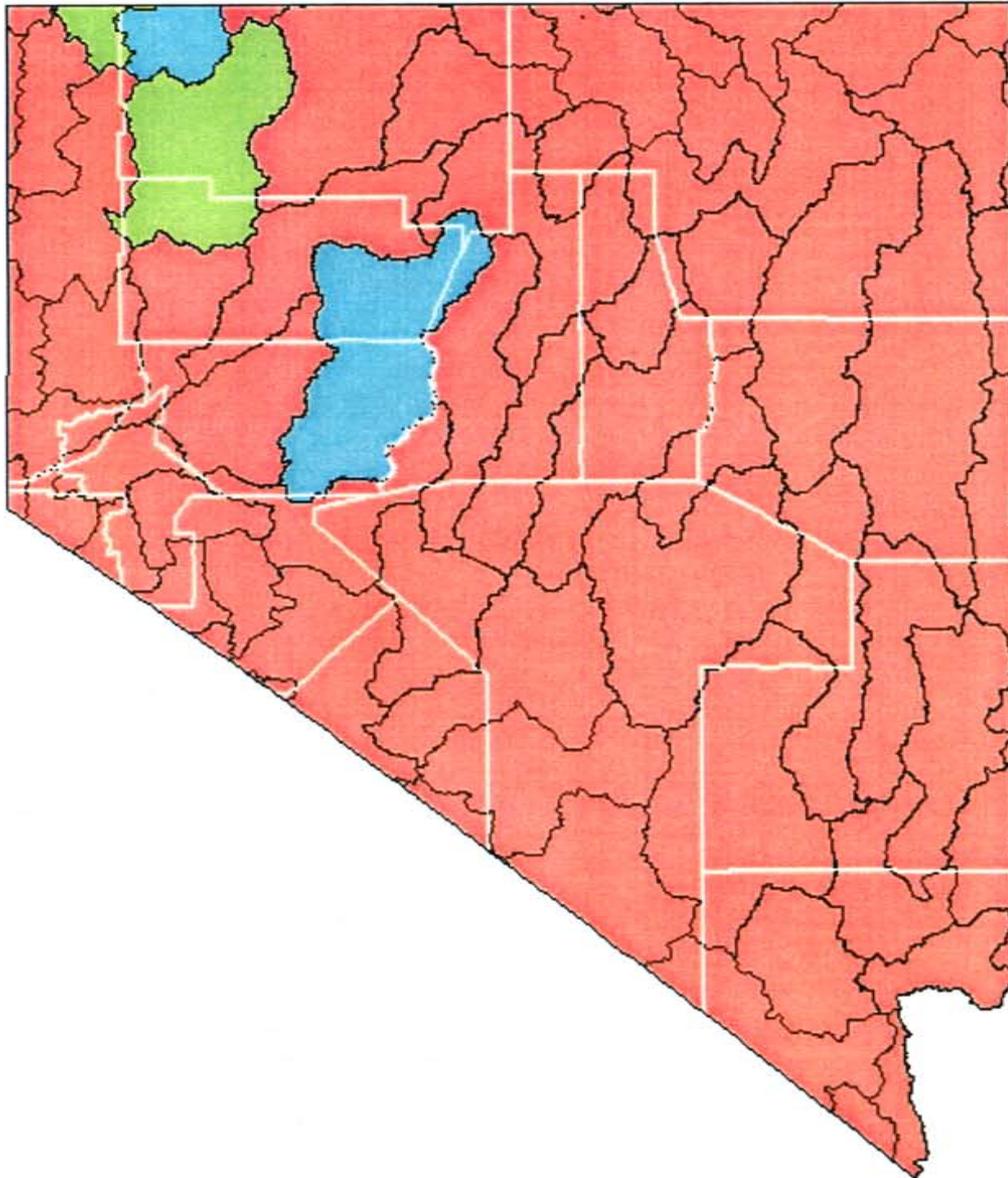
Membership in SMAC and its subcommittees is open to anyone interested in mapping in Nevada. Participants have included representatives of numerous local, state, and federal agencies, community colleges and universities, and the private sector.

CHANGING FOCUS

In its early years SMAC advised the USGS on priorities for completion of 1:24,000-scale, 7.5-minute topographic maps throughout the state. With all these maps having been printed by about 1990 and with development of digital maps and Geographic Information Systems, SMAC has evolved. The USGS no longer explicitly seeks the advice of the state with regard to its mapping priorities but does request input from bureaus within the U.S. Department of Interior. SMAC now serves as a forum for discussion of state, local, and federal agency and private sector priorities for mapping. Generally a consensus on priorities is reached during an annual meeting. This consensus is forwarded to Department of Interior bureaus. In recent years, SMAC's top priorities have been met with approximately \$6 million worth of new digital map and imagery products during the 1997 - 2006 period, primarily in expanding urban areas, the Humboldt River basin, and northwest and central Nevada.

Meeting Attendees

Jon Price	NV Bureau of Mines and Geology	775-784-6691/Email: jprice@unr.edu
Ron Hess	NV Bureau of Mines and Geology	775-784-6691/Email: rhess@unr.edu
Eric Warmath	NV Department of Transportation	775-888-7265/Email: ewarmath@dot.state.nv.us
Mark O'Brien	US Bureau of Land Management	775-861-6440/Email: mobrien@blm.gov
Tom Sturm	US Geologic Survey Mapping Liaison	650-329-4326/Email: tsturm@usgs.gov
Linda Newman	UNR, Delamare Library	775-784-6945x230/Email: lnewman@unr.edu
Holly Smith	NV Division of State Lands	775-684-2727/Email: hsmith@lands.nv.gov
Craig Hale	Southern Nevada Water Authority	702-862-3730/Email: craig.hale@snwa.com
Matt Dillon	NV Division of Water Resources	775-684-2856/Email: mdillon@water.nv.gov
Kimberly Dunn	Pyramid Lake Paiute Tribe	775-574-0101
Mike Visher	Nevada Division of Minerals	775-684-7044/Email: mvisher@govmail.state.nv.us
Sandy Smith	NV Division of Information Technology	775-656-4864/Email: sismith@doit.nv.gov
Malcolm Adkins	AT&T/Baker	510-701-7331/Email: madkins@mbakercorp.com
Eric Peterson	Nevada National Heritage Program	Email: peterson@heritage.nv.gov
Ryan Cooper	USDA NRCS	775-857-8500/Email: ryan.cooper@nv.usda.gov
Joe Laravie	Consultant	775-777-8223/Email: jaravie@frontiernet.net
Preston Denney	Churchill County	Email: planning-gis@churchillcounty.org
Kay Scherer	DCNR	Email: kscherer@dcnr.nv.gov
Dustin Nelson	USDA NRCS	Email: dustin.nelson@nv.usda.gov
Jeannie Johnson	NVDPS	775-684-4877/Email: jjohnson@dps.state.nv.us
Thomas Lo	Washoe County	Email: tlo@washoecounty.us
Steve Fechner	USDA Forest Service	Email: sfechner@fs.fed.us
Christie James	DWR-State Flood Plain Manager	775-684-2860/Email: cjames@water.nv.gov
Tim Herrick	NDOW	775-688-1705/Email: therrick@ndow.org
Elizabeth Ashby	NV Div. of Emergency Management	775-687-0314/Email: eashby@dps.state.nv.us



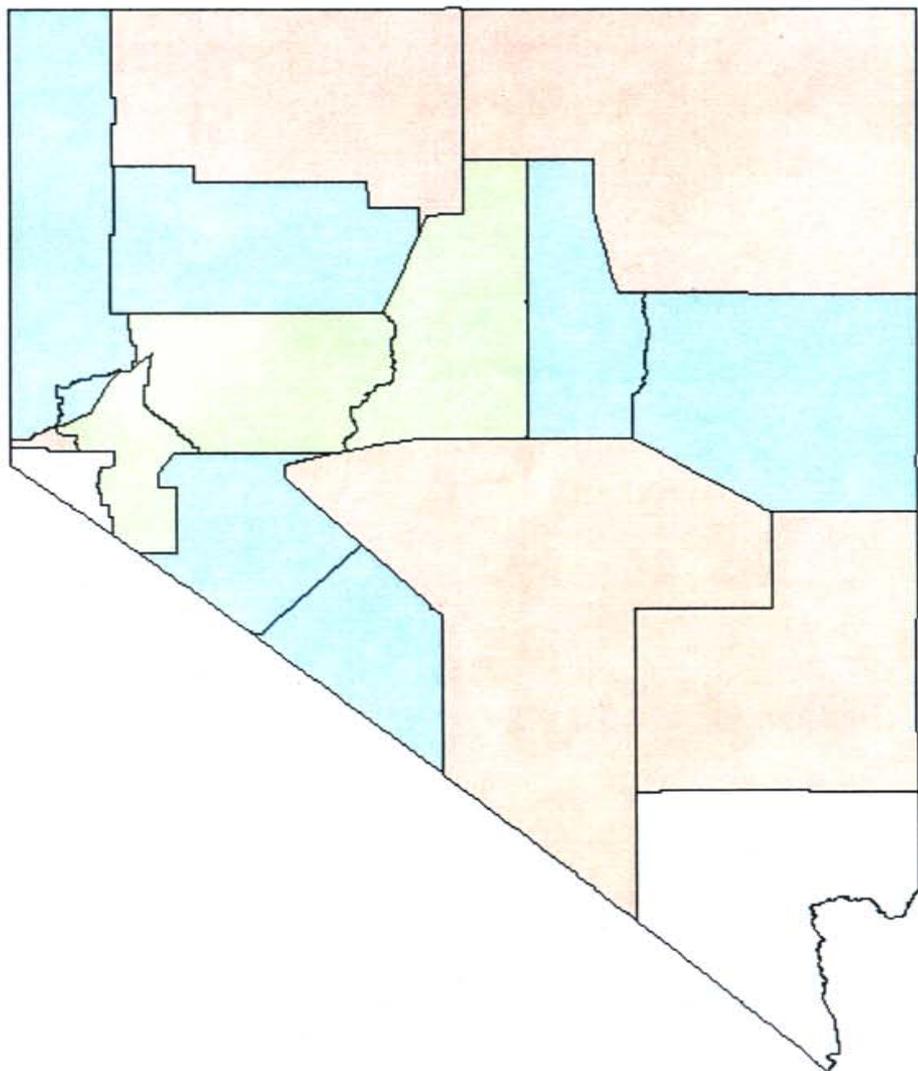
NV National Hydrography Dataset

24K Program Status

-  Available
-  Planned
-  In Work

Prepared by:
USGS Western Region
For further information contact:
Tom Sturm
tsturm@usgs.gov
650-329-4326
Data current as of 10-30-2006

Census TIGER Modernization Program



Program Status

- Census QC
- Complete
- At Harris
- Not at Harris

<http://www.census.gov/geo/www/tiger/tiger2005se/tgr2005se.html>

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