

Baseline/Framework Oregon Group Meeting

June 8, 2000

BLM Salem District office

Attendees: **Bob Harmon**, OWRD, **Mark Kinslow**, ODF, **Ron Smith**, ODF, **Ed Arabas**, ODOT, **Nancy Tubbs**, USGS, **Steve Barnett**, DAS/IRMD, **Cy Smith**, DAS/IRMD, **Eric Hiebenthal**, BLM, **Henry Wolter**, BLM, **Marc Thomas**, BLM and **Mary Harrison**, BLM.

Status of State Library vacant positions: Steve Barnett introduced the new State GIS Coordinator, Cy Smith. Cy joins us from Kansas, where his most recent assignment was on a city GIS team. Prior to that, Cy worked at the county level. Jim Godfrey is the staff member assigned to the 10-meter DEMs.

Definition of "Miscellaneous Transportation": Oregon PUC has been capturing pipeline data; the Federal Department of Transportation is spearheading this effort as part of their framework.

Oregon Framework - acquiring other non-traditional "framework" data sets identified through a business need (e.g., fire lookouts): Would the state be interested in a partnership to acquire satellite imagery (e.g., SPOT w/10-meter resolution, or IKONOS w/1-meter resolution)? The lookouts theme has been completed and will be available on the SSC website soon. The protection districts theme is close to being ready to go up on the website.

PLSS (Public Lands Survey System) 1.is part of BLM's LLI theme. It was decided that the additional components of ownership and subsurface mineral estate that make up LLI could be of some use to the State and others, so the PLSS will not be stripped out of the theme. Since LLI is a transactional theme and updates to it are intermittent, the SSC will create a list of data available off BLM's website that includes LLI with a caveat regarding projection rather than providing a snapshot of the data on the SSC or a link to BLM's website. BLM verifies and makes changes to Federal ownership in LLI. The State would use a copy to make their own updates. The issue of more than one master could be resolved in the future with the GeoCommunicator. GeoCommunicator is part of the NILS (National Integrated Land System) project, a partnership that includes BLM, the Forest Service (FS), states, counties, and private industry. NILS will manage cadastral records and land parcel information in a GIS. The GeoCommunicator is an Internet-based subscription service and client application that enables the sharing of land information as it is collected, and provides for spatial query and research capability. A recommendation was made to appoint a chair at the next Baseline/Framework meeting to call together an ownership committee for land ownership issues.

Review IRICC letter to cooperators and discuss IRICC's comments on draft: changes to the letter were reviewed. All comments/suggestions need to be sent to Mary by June 15th.

Discussion of an interim statewide hydro coverage - Bob: Hydro data is now available on the BLM website by district, in a compressed ArcInfo export format. A proposal is being reviewed by OWEB to convert hydrography from 1:24K or better maps, edge match, and attribute where the BLM and FS are not converting data, and integrate with the BLM and FS data. There may be \$250,000 available through an OWEB grant to fund this first phase. The second phase would cover densification of the stream network. The Prison Industries and BLM contractor would work on the project.

Review Tasks:

1. Boundaries (BLM/STATE)

*Provide copies of the STATE and COB (county) ArcInfo coverages to Emmor in January; he will provide them to the counties to compare with what they are currently using to determine whether STATE and COB will serve the needs of all. **Done. Team in place to review and make recommendations.*** Steve B. has a copy of the legislative changes ('87 and '99) to county lines and will send a copy to Marc. Steve mentioned that there is another issue for 1991 along the Multnomah/Clackamas border: the court has said the boundary should change, but no statute exists yet. Some of the data needed to complete STATE and COB comes from LLI, so these two themes are on hold until LLI is completed for BLM's eastside districts. It is anticipated that these projects will be completed by the end of the Federal fiscal year (09/30/00).

Lat/long exists to 4 decimal places of seconds as an item in COB for corners. In ArcInfo, 1/10th of a meter fits with the 4th decimal; in other words, 1/10th of a meter is about the level where a change could be seen at the 4th decimal place. *A concern was brought up that 6 digits are needed for ArcInfo if the data is translated to Decimal Degrees. If the data is brought into ArcInfo as single precision, then some of the data could be truncated.*

Comment from Feb. 4th meeting: This is an opportunity to form a partnership and create trust among PLSO, County Surveyors, and GIS. Some kind of disclaimer has been an issue in the past; Emmor asked a PLSO representative to come up with a disclaimer that they are comfortable with.

Comment from March 14th meeting: A suggestion was made by Steve to post the two themes on the REO site as a vehicle for getting more agencies and users to accept them as the state standard.

2. Hydrography - (BLM)

- a. *Provide a cover of the completed Hydro Update tiles;*
- b. *WODDB tiles where no Hydro Update is available, and no data exists in the State Forestry cover; and*
- c. *DLG/CFF tiles where no Hydro Update nor WODDB data is available to fill in gaps in the Forestry cover; and*
- d. *Hyd. Index.*

A snapshot of the hydro data for 3 southeast counties for a WRD project was provided in February. Additional data will be requested as needed.

(STATE)

- e. *State of OR will work together to provide and post merged, non-edgetied DLG/CFF data where there is no BLM Hydro Update data.*

Three counties worth of data in the southeast part of the state were delivered to Bob Harmon by BLM.

3. Misc. Transportation (STATE)

State of OR will merge what was received and send BLM a copy, which will be compared with what is in the libraries. Any data found to be missing in the State's copy will be provided by BLM, if they have it.

4. Railroads (STATE)

State of OR will merge what was received and send BLM a copy, which will be compared with what is in the libraries. Any data found to be missing in the State's copy will be provided by BLM, if they have it. ODOT RR Division QC'ed the data. They have removed abandoned lines and placed them in a separate cover. The pseudo nodes were not removed, and a variable exists to trace the source for implied reliability. ODOT removed polygons that represent rail yards and added lines in the yard as individual spurs. At a 1:24000 scale, some generalization occurs, and lines were found to be off up to 50 feet from where the DRG showed them to be. The theme has been put up on the State's website for review.

5. Roads and Trails (BLM)

BLM will download GTRN (Ground Transportation) from their libraries, combine into one State coverage, and provide it along with metadata and attribute definitions to the State by March 15th. A snapshot of the GTRN data was copied to CD and mailed to Emmor on May 26th.

6. DOQ(Q)'s (STATE)

Reprojecting to common Oregon Lambert Projection and compressing with MrSID in rectangular, seamless quads. Oregon State has received all of the Forest Service DOQ(Q)'s. The State will provide DLT tapes to BLM, and BLM will make 1:1 copies of

the DLT's that were sent out to each BLM district for the State. There will be some duplicate files from tape to tape where a district boundary bisects a quad (the same quad will appear on both district tapes). BLM has completed the second phase of their DOQ(Q) distribution project, with the result that approximately 85 percent of the state DOQ(Q)'s have been received and redistributed to date. All DLT's have been delivered to the State except for one, Tape No. 2, which covers the northeastern part of Oregon.

7. 10-m DEMs (STATE/BLM)

State of OR will provide BLM with a list of those 10-m DEMs the State does not have. BLM will provide them to the Department of Forestry on an 8-mm tape, SUN TAR format. The Level 2 Drainage Enforced DEM development process has become the standard for USGS, and products from all OR/WA sources (CLAMS, Averstar, etc.) match the USGS standard. See www.averstar.com/geospatial/DEDEM.html . Copies of the 10-m DEMs have been made by BLM and distributed. After the TVC (Tag Vector Contour) files are received from the Forest Service, BLM will copy and distribute those as well.

8. Roles and Responsibilities (STATE/BLM)

Emmor and Mary will research Baseline97 documents for references to the data update and maintenance responsibility. Nancy Tubbs will be meeting with WA DNR and will see if they have update responsibility strategies that can be adopted. The update and maintenance responsibilities are considered to be phase two of the Framework Project. Copies of the original Framework documents outlining tasks, roles, and responsibilities were handed out at the meeting:

10/29/96 - Oregon Framework Meeting Notes

11/06/97 - BASELINE97 write-up and Appendix

A suggestion was made to maintain our group until the tasks are completed and data responsibilities are turned over to the stewards, who will be determined at some future time. At that time, this group could be reformulated with new roles and participants identified. One possible task for the new group would be to "watch dog" those data or themes that do not have a framework-type group sponsoring them. If they get put on a clearinghouse, such as REO, the team could make sure accountability gets addressed.

9. Update memo to partners (BLM/IRICC)

*BLM will draft the memo and forward it to Dale Guenther, who will put it on the next IRICC meeting agenda for review prior to distribution. **Done.*** (See Agenda Item No. 5.)

Other business:

* It was suggested that the group call itself Baseline/Framework to eliminate confusion with the original BASELINE97.

* There was concern expressed that there may be a duplication of effort going on at the State, county, Federal, and private level where more than one project is capturing the same data. It is hoped that the Clearinghouse will help to eliminate the duplication and help to bring together a pool of resources to tackle an issue more comprehensively.

Agenda items for next meeting:

* Definition of "Miscellaneous Transportation": Emmor/All

* Oregon Framework - acquiring other non-traditional "framework" data sets identified through a business need (e.g., fire lookouts, satellite imagery): Emmor/All

* Appoint a chair to put together an ownership committee to work on land ownership issues.

Next meeting: (quarterly schedule): The next meeting will be held in Portland on September 21st at either the USGS office or the BLM OR/WA State Office. Details will be sent out at a later date.