

OGIC HYDRO MEETING

Wednesday, December 6, 2000, 9:00 a.m. - 12 p.m.

BLM District Office, Salem

Attendees:

Bob Harmon, OWRD

Emmor Nile, ODF

Dale Guenther, REO

Ian Reid, NRCS

Marc Koski, BLM-Salem District

Ryan Dalton, BLM-Salem District

Scott Valentine, Linn County

Dan Wickwire, BLM-Oregon State Office

Sharon Clarke, CLAMS, OSU

Agenda/discussion items:

1) Clearinghouse

- a) **Server.** Dale reported on the October 18th demo at the BLM/USFS GIS field users conference in Bend by Jack Horton, ESRI-Olympia. Dale, Dan, and Emmor mentioned that it went well despite a few rough spots. Jack is continuing with the alpha test of the software and should be ready to insert data sets in a controlled test in January. At that time, the server will also be installed at the REO office in Portland. Installation will include training of the REO staff that oversees the server. The server should be ready for beta testing over the Internet later in January and through February.
- b) **Pre-loading with 100,000-scale data.** Dale has money from the EPA to facilitate this process. Dale has set up a conference call with AverStar and Dan Saul—who has done this for the state of Washington—to scope out the project. Work should start later in December or early January.
- c) **Roles & responsibilities document, Chapter 4, “Technical & Procedural Rules.”** Dan reported on a meeting that Ken Adee (USFS-Region 6) had held the day before in Portland to coordinate work on this chapter and the route creation and editing tools (next section). Michele Davis, BLM-Salem District, and Diane Rainsford, USFS-Siuslaw NF, had made a lot of progress on the route creation and maintenance subsections. The group identified a need to scope out the route creation and editing tool specifications and requirements before progressing further on this chapter.
- d) **Tools.** Dale reviewed the various options available to the Oregon and Washington hydro groups for routing tools. He mentioned that in the Tools meeting, from the day before, that Charlie Ware, Washington DNR, had written a white paper analyzing the dynamic segmentation (dyn-seg) routing model and the new ArcInfo, version 8, geodatabase model on behalf of the DNR. The Tools group asked Charlie and an “expert” group from Washington and Oregon to extend Charlie’s paper to include an analysis of editing routes as arcs and rebuilding the routes when done in comparison to the dyn-seg option. This group will convene before January 17th. Their white paper will be reviewed and edited before the next meeting of the Tools group at the REO in Portland on Wednesday, January 24th, from 9 a.m. to 3 p.m. The group has also scheduled two more meetings:

- i) Thursday, February 1st, in Olympia at the Washington Dept. of Ecology (9 a.m. to 3 p.m.).
- ii) Thursday, February 15th, in Portland at the REO (9 a.m. to 3 p.m.).

Michele had also worked some on an event editor tool. Dana Baker will help her lay out the tool specifications, and create a logical design and requirements.

- e) **Data integration.** Scott described the work being done in Linn County to develop a hydro layer. The data are photogrammetrically derived—1:15,840 in rural and 1:6,000 in urban areas. There are elevations on many of the stream segments, and in urban areas the data are very detailed showing irrigation ditches, for example. There was some discussion about how to integrate Linn County's data into the clearinghouse. Mark agreed to look at their data where it overlaps the Salem District's. He thought that it would fairly easy to integrate it into his given that there didn't appear to be many attributes to preserve from Linn County. He and Scott will discuss it further.

Dan mentioned that he and Ken Adee would be working on an integration process between the BLM and USFS.

- f) **“State” hydro data update.** Dan gave a status report on the BLM's contract work for the state. The work got started in October after the MOA was drafted by Bob and him, and signed. So far, 17 watersheds worth of data have been converted, and 4 converted and routed. The routing process took some time to get started, but it is going along better now. Dan reminded the group, in a segue from the last topic, that 60% of the contract moneys were committed to data conversion and routing, *and* 40% to data integration in watersheds where the BLM and USFS both have linework. Mark asked if a status map, by 5th-field watershed, of the data compilation process could be developed and maintained in an accessible place (web?). Bob remarked that this request has come up often before in past Hydro group meetings and it will be pursued.

2) Watershed delineation.

- a) **Eastern Oregon concept lines.** Dale reported that an agreement had been reached on “final” lines for the USFS areas. They are being cleaned up. The BLM will provide their lines in the next week. Dale is hoping that he can get “concept” lines where needed to finish the eastside and a final review of them done quickly. There are more net-meetings scheduled to get the process finished up, hopefully in January. A link to the process at the REO office at:

<http://www.reo.gov/reo/projects/watersheds/watersheds.htm>

Dale mentioned that AverStar has a bid proposal for filling in the remaining areas for the REO. . Dale has money from the EPA for project. The delineations from this will be considered as “concept” lines until hydrologists on the project review them. The “remaining areas” are those lands not covered by the BLM or USFS.

- b) **West side.** Dan reported that there was a meeting a few weeks ago in which a new “snapshot” of the west side 5th-field delineations were captured. Dan brought data from the BLM—including a new, corrected coastline—and Stephen Bown brought data from the USFS. Ian had asked watershed councils on the west side for their input as well. Dan said that there were some changes, albeit minor, and they were reviewed by Chester Novak (BLM Hydro Steward) and Bruce McCammon (USFS Hydrologist). The changes should be made to the theme later this month and it will be posted to the REO web site.
 - c) **5th-fields and beyond...** Ian said that the NRCS has an interest in taking on the stewardship of the watershed (boundaries) layer. He has a desire to tighten up the coordination of the work in Oregon by setting up coordinators for each major “chunk” of ownership in the state. Mark suggested doing this by Province using Ryan as an example for the Willamette/North Coast Province. Dan let the group know that the Southwest Province meeting is scheduled for January 23rd through the 25th. Dale proposed using the REO’s contract with AverStar to pilot the compilation of creation of concept lines and use this as a starting point for the hydrologists and regional interests to review. This could ultimately lead to a clearinghouse system of checking in and out lines, similar to the hydro clearinghouse.
- 3) **Next meeting.** Wednesday, January 31st, 2000 at the BLM Salem District Office from 9:00am to noon.

Notes written up by Bob Harmon with “pre-apologies” for any errors, omissions, etc.