

**OGIC HYDRO MEETING**  
**March 17, 1999**  
**BLM District Office, Salem**

**1) “Implementation” test.** Ken (Willamette NF) reported on the progress of a joint project between the Willamette NF and BLM--Salem District to test the feasibility of managing a single set of 24K hydrography for a 5<sup>th</sup>-field watershed, Quartzville Creek, between the two agencies. At this point, the data sets have been ‘smooshed’ together at the BLM State Office in Portland, and then routed on LLIDs. There are no other attributes yet. The combined data set looks good, so far. A detailed check remains to see if the LLIDs in the resultant theme match their sources.

Ken also mentioned that they--he, Dan and the BLM SO contract staff, and Mark (BLM-Salem)--will test putting together two data sets that are already routed and compare the processing to the first test in which the data sets were routed after ‘smooshing.’

Mark presented a plot of ‘Zones of Responsibility’ (influence) for northwestern Oregon which portrayed where the BLM and USFS each have complete, shared, or no ownership by 5<sup>th</sup>-field watershed. This is the first step in attempting to ascertain the status of planned or current 24K hydrography compilation and/or custodianship as a part of a central repository for a statewide theme. The map generated a lot of discussion on several points. There was some concern expressed that the graphic may incorrectly depict work being done or planned for an entire watershed where either one or both agencies have ‘some’ ownership when that is not the case. People at the meeting asked Mark for a graphic showing at what stages current work is at, i.e., is it centerlined, routed, both, or neither? Ken, Dan, Emmor (ODF), and Jay (BLM-Eugene) will help Mark on the requested graphic.

**2) Process tracking.** Ken, Dan, and Mark created a draft tracking database structure after the last meeting which Ken presented for review to the group. Ken mentioned that this has taken on added import over the last few months that groups working on the CREP program have been meeting. They have a need to identify where and who may be working on 24K hydro. Ken will make a few modifications to the current draft at the suggestion of the group and present it for a quick review ending April 1<sup>st</sup>.

**3) REO clearinghouse.** Dale (REO) summarized work on two current contracts on this subject. The first is with the Pacific States Marine Fisheries Commission (PSMFC). It is a ‘clickable’ map on the StreamNet web page (<http://www.streamnet.org/24krouting/routedir.htm>) that will contain status and contact information by 5<sup>th</sup>-field watershed. After review of Ken, Dan, and Mark’s work on the process tracking database, Dale was willing to consider folding it into the StreamNet status map to reduce multiple, redundant tracking mechanisms.

The second contract is with ESRI to develop a more robust check-in/out process to deliver and allow maintenance of SDE (ESRI ‘ARC’ Spatial Database Engine) data using either an ARC/INFO, ArcView, MapObjects, or an ArcEdit engine. This could be the single data repository that the hydro group is aiming for. There will be a meeting on this at the REO (room 3H) in Portland on March 26<sup>th</sup> from 9 am to 3 pm. It will deal with check-in/out and quality

control procedures, and seek to develop technical requirements for ESRI as they build this. It will not focus on management or policy issues.

**4) IRICC Hydro summit.** Dale discussed the upcoming IRICC 'Hydro Summit' which will be at the BLM State Office in Portland on April 6<sup>th</sup> and 7<sup>th</sup>, from 9 am to 3 pm both days. It is targeted towards GIS, and other technical folks, and will focus on issues related to the dynamic segmentation (routing) of hydrography. Dale's objective is to arrive at a common methodology for implementing dynamic segmentation.

**5) Fifth-field watersheds.** Dale gave a status report on the eastside delineation effort. Work is being done in the Ochoco NF on 5<sup>th</sup>-field watershed boundaries at 24K. It will be packaged into an ArcView project for comparison with existing linework and against other data sets, the scanned quads (DRGs), for example. Discrepancies will be highlighted for a planned net-meeting. Once resolved any changes will be incorporated into the 'master' REO watershed theme. Work on the Ochoco will begin sometime in April. Updates to the 5<sup>th</sup>-field boundaries in the Deschutes have been sent back to the Deschutes NF for their review.

**Next meeting & agenda topics.** The next meeting will be Tuesday, April 27, from 9:30 am to noon at the BLM Salem District office.

Draft agenda items:

- 24K Core Attributes, wrap-up of the review
- Begin review of the 24K Core Attributes table structure
- BLM-Salem & Willamette NF hydro test status
- Process tracking/Clearinghouse
- Hydro summit results
- Watersheds

*rh, 3/17/99*