Hydro Clearinghouse Testing Update Meeting
6/6/2003

The primary issue covered was the process by which the Clearinghouse should handle Water Courses (WC) ending right on the checkout boundary. See previous meeting minutes covering this issue

The latest fix that ESRI supplied (installed 6/3) correctly handles this issue down to the centimeter (ground distance) accuracy. This has been verified through FS and BLM testing.

Since WC's stopping on the boundary are now correctly being included in the checkout coverage, two issues still needed to be covered. The first is policy, is this how they should be handled. The partners agreed this was indeed how it should be handled since HU's typically end on stream junctions, where a WC will end on a boundary.

The second, how will the clearinghouse handle WC's ending or extending beyond the NW coverage that is into the ocean or Idaho. Jim did some testing, and found that the Clearinghouse will allow a user to check our portions of the ocean or Idaho for the purposes of updating WC's on the border. This is exactly how it should be handled.

The above check for WC's in the boundary is done in SDE. The QC screening for bad data is done in coverage format. Since the status map, or checkout coverage is not at the same precision, the Clearinghouse handles these situation correctly in SDE, but the QC process give the user an error message stating the WC is out of the checkout area when the WC is extremely (centimeter level) close to the boundary.

A solution to this is Jim will 1) upgrade the precision of the Status map coverage, 2) change the fatal error message to a warning. Once this is complete Jim will send a note out. Testers will then need to download a new client package with the updated QC AML, and resume testing. In the mean time testing may continue in other areas of the clearinghouse.

Future enhancements of the Clearinghouse will include checking for WC's stopping on the boundary. In this case the Clearinghouse will generate a point coverage of these junctions on checkout. On checkin it will verify that these points did not move, thereby maintaining connectivity with adjoining hydrography. A temporary anchor point system.

After testing Gege will send the BLM's QC AML's in order to upgrade the current Clearinghouse testing regime. Currently the Clearinghouse does not check for valid or unique LLID's. Jim will install these.

Oracle could use the help of a trained DBA to help tune it, both from an initial 'Oracle default' tune, as well as a long term maintenance schedule of tuning based on use. The FS support staff has had difficulty in scheduling this support. Dale will write a short note requesting this support, with a cc to Ken.

No other issues have been found in this week's testing (other than LLID lack of checking). BLM has successfully completed 12 transactions, Jim 20.

Testing is scheduled to continue the week of 6/9.