

# Framework Management Group Meeting Minutes

## Aug 16, 2007

### Attendees:

**State:** Jeff Holm (DIS), George Spencer (WSDOT), Ken Reister (DNR), Deb Naslund (DNR), David Jennings (DOH), Joy Paulus (RCO)

**Federal:** Allyson Jason (USGS) *Guests:* Nancy Tubbs (USGS Contractor) & Scott Van Hoff (ID Liaison, USGS)

### Hydrography Group Update: (provided by Joy Paulus)

- Have started a use case on how to combine the different hydrography data sets. Concerned with how will combine the data sets.
- First steering committee meeting on interim pilot
  - Jim DFW, Carol Flusher Admin Serv, Gary Grave, Forest Pract DNR,
  - Covered overview of hydro charter, project options, decisions for go/ nogo on pilot
  - Business process flows approved by agencies for hydro maintenance
  - DNRs process is the most rigorous
  - Business roles and responsibilities from all agencies responsible and combine them to make sure the new data set meets these needs
  - Some good work was accomplished
- Documenting options for hydro in the pilot (Pros/Cons)
  - 1 do nothing
  - Basic - hydro framework model bare standards needed to keep the geometry standardized
  - Hybrid - extend the PNW Hydro Framework model and its tools. Manage content by state agencies pass through clearinghouse. NHD tie into overhead of data model. Lacks complete content of the NHD. A stepped approach. Stripped to point points
  - Just do PNW NHD work – go straight to the clearing house
- Decision – HYBRID APPROACH
  - State can add and change as needed. Can do the work that they have to do when they have to do it. Allows the to do the analysis that is needed to look at problems with the federal data. Need to meet at both ends,
- Pilot starts with the hybrid model. Discover where we can take this approach. Can always fall back on basic option.
- Start with Geodatabases with the PNW Hydro Framework data. Update this data with incremental updates. Ecology will take the lead for the three groups and house the data changes for WA in their agency before sharing them with the clearinghouse. Ecology is donating a 1/2FTE for 6 months to help with this work.
- Ecology will synchronize copies with DFW & DNR. Work through the business needs if pilot doesn't meet these needs, will work toward something else that does.
- Pilot goal – can this approach meet all of the business needs of the agencies responsible for hydro. Prove can maintain the regulatory nature of the data. (Ecology has interest in NHD because of 303D streams and Health has interest because of drinking water)Can we maintain this and at what cost to keep doing this.

## Framework Management Group Meeting Minutes

*Aug 16, 2007*

- Watersheds selected by picking groups that had their densification work completed. 1 in east and 1 in west where there are also some state and federal lands in the area. Good Progress.
- Money 42K DOH, SWIMTAK 12K, \$6250 and ½ FTE in-kind, DFW, and ECY with DOT 2K, DNR In kind Staff time)
- Agreement conceptually on the approach, committee approves, GIT Managers approve, all by end of august hopefully

### **Transportation Group Update: (provided by Tami Griffin)**

- Return on Investment (ROI) stud went well, some folks interested in how to get the actual report
- Work on the loading database and user portal progressing well
- Looking at change detection software from the Timmons Group to help with the maintenance process
- Kitsap County being added to the Pilot still need some money for Snohomish
- Work progressing on translators for Walla Walla County and OR-Trans for Morrow and Umatilla Counties
- More participants in the pooled fund study now have CA and Idaho

### **Orthoimagery Group Update: (provided by George Spencer)**

#### *NAIP Project (2006)*

1. Washington NAIP (National Agricultural Imagery Program) partners (Federal, state, county and local agencies) upgraded the NAIP image specification from coverage of just agricultural lands and two-meter resolution, to statewide coverage and one meter and 18-inch pixel resolution versions.
2. The value added 18" product was received from Surdex in early July. The data received is the result of rescanning the original NAIP 1 meter, 1:40,000 scale color negatives.
3. The data was delivered as non-overlapping, uncompressed, geo-tiff tiles in Washington State Plane South, NAD 83. The tiles are each 8,192 pixels by 8,192 pixels in size.
4. This "master tile data set" is the base data that will used to produce a range of partner products in the various zones, projections and application software used by partnering organizations.
5. Proposed Specification for DIS / State Partner Image Portal:
  - a. Non-overlapping 8,192 by 8,192 pixel geo-tiff pyramided files with associated tiff world file.
  - b. Compressed jpeg in tiff.
  - c. Compression of approximately 4-6 to 1 using Surdex software.
6. Testing has shown the 4-6 to 1 compression factor to produce a "visually lossless" data set.

## Framework Management Group Meeting Minutes

### Aug 16, 2007

#### *State Orthoimagery Portal*

1. Purpose is to provide shared storage and access to NAIP imagery as a first step toward a shared enterprise data structure. Phased implementation is planned with accessibility increased as application performance and bandwidth needs are better understood.
2. A contract is in place with ESRI for an ESRI Image Server based portal. The portal will include both web services and web client for select and download access methods.
3. Implementation is in progress with release 1 expected in October.
  - a. Image Server and ArcGIS Server installation complete.
  - b. Data compression was completed on 8/10.
  - c. Data load to portal SAN was completed on 8/16.

#### *State Ortho Program*

1. The Northwest 1 foot color project is in progress. The scope is portions of Skagit, Island, San Juan, and Whatcom counties. Photography was completed in July. Data is expected to be available for distribution by March 2008.
2. Franklin and Kitsap Counties are in progress as “buy-up” projects with the counties establishing the schedule.
3. WDNR and WSDOT are looking at options for upgrading future projects to digital collection.
4. WDNR and WSDOT are also looking at the feasibility of incorporating LiDAR into the state ortho program. The move to higher resolution (1’ to 6”) has created the need for better DEM data to produce orthos with accuracy appropriate for the resolution.
5. SW Project is planned for 2008. (USGS contributed to 6” and 1’ Clark County 2007.)

#### **Parcels Group Update: (provided by David Jennings)**

Progress being made on 2 fronts: data sharing/licensing agreements and statewide parcel data construction

- Luke met with county tax assessors in August at their statewide convention. They are very excited to be included and this new relationship seems to be going well.
- Data agreement work
  - Overall review by the attorney general’s office. UW associate attorney general is taking the lead and is looking into a generic data agreement that could benefit many people
  - State Association of Prosecuting Attorneys is expected to work with the attorney general's office to develop language acceptable at both the local government and state government levels.
  - Initial drafts are expected by late fall
  - There is a lot of interest in this effort outside the parcel framework world. As an example, DOT’s WA Trans is very interested.
- Project is on track for the initial static parcel layer by January 2008.
- Funding is secure for construction of static data set. Funding is also secure for constructing the process of refreshing the dataset on a reoccurring basis. Future funding will be needed for ongoing O&M and desired enhancements.

## Framework Management Group Meeting Minutes

*Aug 16, 2007*

### Group Discussion:

- The minutes for the last meeting were approved. Everyone acknowledged that meeting minutes would be beneficial. Everyone agreed that those presenting information would try to provide a copy of any notes that they were speaking from to improve the quality of the meeting notes.
- Framework Website
  - The FMG website is part of the WAGIC website
  - DIS has been maintaining the WAGIC website as much as possible
  - In the past people in the different project areas have been responsible for the content and posting/serving of their information.
  - Hydro, Parcels, Trans each have their own webpages Ortho ??? **ACTION – Send high level link to Jeff for updating**
  - Minutes could be posted to this website for posterity
  - Everyone needs to think about how they would want to interact with this kind of page, and the types of information we could easily post there.
  - Parcels is Framework Like, is it really a framework layer?
  - **ACTION – Have further discussions at the next meeting about the idea of improving the webpages.**
- DEMs DNR helped do DEMs for about \$1million from the same source as the 30M DEMs. Could use some correction in drainage and forest areas?????
- Clark County will have 07 public domain 6“ and 1 ft of whole county
- Discussion on next framework layer to tackle Boundaries or Elevation
  - Interest in Both
  - Group consensus that elevation might be the better one to tackle next as more needs at this point t coordinate
  - Hold off for a few month to allow the members to focus on their current framework responsibilities

**Next meeting October 18<sup>th</sup> 1:30pm to 3:30 pm.**