Meeting notes
September 21, 2011, 10:00 - Noon, Metro Regional Center, Portland

Bill Clingman – Lane Council of Governments
Bob Harmon – Oregon Water Resources Department
Brady Callahan – Oregon State Parks and Recreation Department
Corey Plank – USDI, Bureau of Land Management
Diana Walker – Oregon Department of Agriculture
Eli Adam – Lincoln County
Emmor Nile – Oregon Department of Forestry
Ian Reid – USDA, Natural Resource Conservation Service
Kent Willett – USDA, Farm Services Agency
Milt Hill – Oregon Geospatial Enterprise Office
Sheri Schneider – USDI, US Geological Survey
Susan Nelson – USDI, Bureau of Land Management
Tanya Haddad – Oregon Department of Land Conservation & Development

Imagery FIT Objectives:
Coordination of:

- Orthoimagery collection and distribution
- Historical aerial imagery cataloging and distribution
- Oblique imagery cataloging and distribution
- Satellite and other remotely sensed imagery cataloging and distribution
- Regular updated imagery
- Remote sensing projects in Oregon
- Higher accuracy and resolution projects
- Other FIT groups such as Elevation (lidar intensity images, and better surface models), and Geodetic Control (improved control for ortho-correction)

These major objectives will be the basis for the draft of a charter for this FIT.

Statewide imagery projects, 2011 NAIP:
Presently 25 county mosiac files (CCM) are available at the NRCS Geospatial Data Gateway, the remaining 11 counties should be posted soon. The four band products should start being available in November or December. The NRCS is now on a three year cycle, but Oregon was moved up a year due to the inadequate product produced in 2009. There will not be a NAIP flight in 2012, but one planned for 2014, depending on budget. It is likely that the 2014 project will be four band and half meter resolution.

Regional imagery projects:
There is a possibility of a higher resolution Willamette valley project building on the USGS 133 cities imagery program. Entities wishing to add or participate in this project should contact Sheri at the USGS.

BLM aerial photo status:
The BLM is on a five year repeat cycle for conventional stereo imagery. This is the first year that they have used digital sensors. They require a high sun angle (+50°) and an approximate pixel ground resolution of 8". They have a standing contract with quotes for east side and west side of both Oregon and Washington.

Imagery project clearinghouse:
There is a need to provide a potential imagery project clearinghouse to enable organizations interested in partnering on remote sensing projects. Milt and Emmor will explore ways that GEO can facilitate this service. The BLM will supply their technical requirements for imagery collection to be used as draft specifications for a possible request for technical qualifications for imagery services price agreement.

Price variables:

- Project cost, including mobilization
- 2nd day cost
- Multi day cost
- Price per flight mile, dependent upon scale/resolution

Facilitate serving local imagery
Milt will explore options for GEO to provide an imagery service from local project data to enable local agencies to efficiently serve data to their customers.

Date for imagery services from the cloud?
Milt will investigate whether a date can be determined for the migration of the GEO imagery services to the cloud. Verification of the speed and reliability of the cloud needs to be determined as well.

Imagery needs survey:
An online survey will be drafted to help determine the specific imagery needs are of organizations within Oregon.

- Extent of projects
- Resolution of imagery
- Accuracy of imagery
- Currency of imagery
- Recurrence interval
- Timing of imagery (seasonal preference)
- Timing of imagery (daylight and shadow length)
- Imagery delivery method
- Timeliness of imagery delivery

DLCD Oblique Coastal Imagery:
The imagery for this project was collected in June by a contractor from BC taken during the low tide window. A digital video camera was used and 75,000 still images were captured in addition to 15,000 HD digital images. DLCD is working on a tool to quickly serve the imagery to their users.