

Imagery TWG Meeting Notes
Idaho Water Center
October 1, 2008

Attendees:

Margie Wilkins, IDWR	Gail Ewart, DoA/IGO	Nathan Bentley, Ada County
Janet Cheney, Bonneville Co.	Toni Williams, FSA	Frank Mynar, Idaho Power
Chris Clay, IDL	Scott Van Hoff, USGS	Michael Ciscell, IDWR
Jim Szpara, DEQ	Mike McGuire, Ascent GIS	Keith Weber, ISU
Eric Smith, Teton County *	Bruce Godfrey, UofI Library *	Don Patterson, USFS R1 *

*via telephone

Funding/Partnership Status:

- Gail thanked all those who have been helping contact potential partners for the consortium. Status of the consortium contributions changes daily.
- Gail ran through a list of partners that make up our consortium. Partners are in various stages of the MOU process.

Bannock MPO	BPA	Stimson Lumber
City of Pocatello	BYU – Idaho	Forest Capital
Blaine County	ISU	Inland Empire Paper Co
Camas County	Dept of Administration	United Potato Growers of
Cassia County	Dept of Agriculture	Idaho
Clearwater County	Dept of Lands	
Fremont County	DEQ	pending:
Jefferson County	Idaho Military Division	Idaho Power
Kootenai County	IDF&G	Bonneville County
Nez Perce County	IDWR	USFS, R1
Teton County	ITD	Parks & Rec
Washington County	State Tax Commission	Potlatch

- Approximately \$164,000 has been committed (by MOU) thus far to the 2009 NAIP project.
- A mechanism is now in place to accept contributions from the private sector through the State Board of Education Mike Rush, the executive director, has facilitated this solution..
- Idaho Geospatial Office (IGO) is working toward a model that will make it easier to achieve statewide imagery in future cycles. One idea is for the state to appropriate base funding. Full participation at agency level will provide for broad support of imagery purchases. IGO is looking at ways to assure passage of spending authority even in light of state cutbacks.
- Gail mentioned that, as a last resort, there is the possibility to apply for a grant through Idaho Fish & Game that would fund any remaining funding gap that cannot be met.
- Review of Deadlines to be met:
 - Dec. 31 - Letter of intent to APFO/FSA to fund statewide coverage including 4th band
 - Mar. 15 – Last day to bail out of commitment based on reassessment of funding commitments
- (Federal) Continuing Resolutions have tentative approval for USGS; have been signed for USFS
- Don Patterson (USFS, R1) reminded the group of the importance in securing a mechanism for the transfer of federal dollars to the state. Nathan suggested an MOU followed up with a delivery notice as was done in 2004. There was further discussion about trying to secure funding from USFS/BLM/other federal agencies' district and regional offices rather than from larger HQ offices. Gail will send Don a preliminary/draft MOU.

- Mike McGuire asked when checks are to be submitted to FSA/APFO:
 - half is due upon initial delivery of data (CCMs) Dec 2009/Jan 2010
 - half is due upon final delivery of data (QQ geotiffs) April 2010

Processing discussion:

- Margie started a discussion about the processing tasks that are ahead.
- Gail said that the extent of processing will be cost dependent.
- Nathan suggested that the consortium limit custom packaging orders to perhaps 3 or 4 and submit them to the vendor in our proposal.
- Gail suggested that the consortium should begin to set expectations for the partners as far as “physical deliverables.” She encouraged changing the mind-set of purchasing people, i.e. information is an asset and does not need to be in a container. Partners will be encouraged to take delivery on-line. Perhaps a handful of external harddrives will be provided each loaded with a different set of parameters (projection, tiling scheme, compression, etc.) and will be distributed in daisy-chain fashion to those partners needing a physical deliverable.
- It was fairly unanimous that physical deliverables are out-of-date and will most likely be replaced by imagery services. Gail would like to give Inside Idaho a minimum of \$10,000 to improve infrastructure for delivering the NAIP data on-line (increased bandwidth, personnel, etc.)
 - Bruce Godfrey sent a link after the meeting for Inside Idaho’s current GIS web service –
 - ArcCatalog > GIS Servers > Add ArcGIS Server
 - Use GIS Services > Server URL: <http://maps.insideidaho.org/arcgis/services>
 - ArcMap > Add Layer > GIS Servers > double click above URL in list > add layer imageryBaseMapsEarthCover > 2004_1-meter_Idaho
 - Keith Weber mentioned that ISU has the 2004 NAIP data available as a GIS map service and would like the group to try it out. It is currently working off an R&D server not a production server, but ISU intends to have it on a production server soon.
 - ArcCatalog > GIS Servers > Add ArcGIS Server
 - Use GIS Services > Server URL: <http://giscenter-rd.isu.edu/arcgis/services>
 - ArcMap > Add Layer > GIS Servers > double click above URL in list > add layer SE_Idaho_NAIP
- Mike Ciscell brought up the fact that web services do go down, tend to be slow and get bogged down with increased/heavy network traffic, which is why some want the data local. Suggestions followed for approaches to assure 24/7 up-time and acceptable speed.
- Other delivery mechanisms suggested by the group:
 - Do-it-yourself kiosk located in Boise
 - FTP
 - data gateway provided by APFO/FSA
 - two-tier: regional then local
- The group recognizes that one-size does not fit all and that many possibilities will be available
- Gail highlighted that the committee IS the consortium – partners are encouraged to participate at the meetings.

Miscellaneous Items of discussion:

- Michael Ciscell said that the Northern Idaho Adjudication would like to request that northern Idaho be flown later in the season in order to differentiate dry land farming from lands supplied by supplemental irrigation.
- Toni Williams said that FSA has just the opposite request. Counties prefer that southern and eastern Idaho are flown later in the season.
- Flights are typically made from June 15 to July 15 with do-overs flown in August or even September.
- Gail noted that differences such as these (opposing flight date requests) are another reason to expand our options in obtaining imagery in the future. Imagery For The Nation (IFTN) will provide much more

flexibility and universality because it will be separated from specific federal programs. IFTN was initiated by the National States Geographic Council (NSGIC - <http://www.nsgic.org/index.cfm>).

- Bruce Godfrey asked about QC efforts from APFO/FSA. Toni Williams mentioned that QC staff has increased dramatically thereby improving (decreasing) the turnaround time for final product delivery.
- Mike McGuire offered up two scenarios:
 - Oregon: QC'd all CCMs in-house and did not distribute to partners prior to final product delivery thereby delaying delivery date of final product.
 - Washington: sent out CCMs to partners for QCing. This worked well for them.
- Toni Williams said that APFO must be notified to get errors corrected. There is a one-year deadline for requesting error corrections.

Next Imagery Technical Working Group meeting is scheduled for November 5, 10-noon, IWC