

Imagery TWG Meeting Notes  
Idaho Water Center  
June 3, 2009

Attendees:

Margie Wilkins, IDWR	Keith Weber, ISU	Paul Schneider, Bingham Co. *
Gail Ewart, CIO	Nick Nydegger, IDM *	Dawn Letham, Bonneville Co. *
Toni Williams, FSA	Mike McGuire, Ascent GIS *	Jerry Korol, NRCS *

\*via telephone

**Details of teleconference between FSA and APFO held May 26, 2009:**

- Supplemental funds have been made available to FSA to acquire NAIP for an additional 15 states, bringing the total to 32 states for 2009.
- States acquired with supplemental funding will meet all NAIP specifications for 1-meter, 3-band, absolute accuracy, and seam line shape files.
- No “buy ups” will be allowed; however contractors are acquiring the 4<sup>th</sup> band in most states and may make it available for purchase at a later date.
- Contractors have assured APFO that there will be NO degradation in the acquisition quality or quantity with the added states being acquired.
- One possible impact to Idaho is that future schedules (2012) may be adjusted to stay on a 3 year cycle.

**Discussion regarding additional purchase options from Surdex:**

- Is statewide seamless mosaic a necessity for partners?
- Mike McGuire reminded the group of Craig Molander’s (Surdex) comment that the seamless mosaic would be made available to partners sooner than the DOQQs.
- In testing with the WA dataset, there was very little difference in display speed between seamless mosaic and individual DOQQs; however file storage savings was significant.
- Mike would like to have a list of custom packages being requested by the partners (projections, tiling scheme, band combinations) in order to add “value” to the value added product offered by Surdex.
- We need clarification that “Item 1” in the [Surdex Proposal: Additional Data Options 05-05-09](#) is a 4-band product.
- Keith made some comments regarding the testing he has begun comparing Lizard Tech’s Express Server and ESRI’s Image Server:
  - Express Server:
    - must use a EPSG (European Petroleum Survey Group) format → lat/lon
    - requires input in sid or jpeg2000 format
    - takes anywhere from 1-2.5 minutes per DOQQ for processing
  - Image Server:
    - may use UTM projection system
    - input may be in .tif format
- Partnership funds may NOT be carried over to next NAIP cycle, but must be spent by the end of fiscal year 2010.
- With limited financial support available and software/hardware/infrastructure needs so high, it is unlikely that the partnership will be able to afford any of the additional products offered by Surdex.
- Keith Weber offered the services of his lab and man-hours to create additional products needed by the partnership (different tiling schemes, band combinations, projections {low priority})
- **ACTION ITEM:** Mike will make a short presentation at the next Imagery TWG meeting.
- **ACTION ITEM:** Keith Weber will provide two options for testing against different web mapping services - Lizardtech’s Express Server and ESRI’s ArcGIS Image Server. Both will be doing projection-on-the-fly. Margie will send out an email via geotech announcing the test and ask for volunteers.
- **ACTION ITEM:** Gail will talk further with Surdex about the cost of UTM 3-band seamless mosaic product.

- **ACTION ITEM:** Margie will forward notes to Keith on IDWR's processing methodology of the 2004 NAIP.

**NEXT MEETING JULY 1<sup>ST</sup>, 2009**