

NDOP Technical Subcommittee Report

USDA Planning Meeting

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Topics

- Reorganization
- IFTN Technical Issues Subcommittee (TIS)
Draft Charter
- Info on existing image programs
- Compression Input & Evaluation
- 4-Band Input and Evaluation
- Elevation and Ground Control Points

Reorganization

- July 2007
 - Tonda resigned from NDOP
 - George nominated David as chair for the remainder of 2007 and 2008
- September 2007
 - Technical Subcommittee Teleconference
- Many Emails and Phone Calls
- Now holding a monthly teleconference

Technical Subcommittee Membership

- NDOP
 - NSGIC representative requested
 - Forest Service, new representative
 - David Grey
- IFTN
 - Additional or invited members once program is in place

IFTN Technical Issues Subcommittee Draft Charter

- Independent review by team members
- Discussion in the Tech teleconference
- Compilation of comments from various team members
- Rewriting of the TIS draft charter.
Submitted to NDOP Tech team & Ted

IFTN TIS Draft Charter

- Organization
 - NDOP and IFTN tech teams
 - Guest or temporary members
 - Private association members
 - Procedures, requests, decisions, information
- Product standards and specifications
 - 1-Meter and High Resolution
 - Existing & new specifications
 - 1-meter specs known, Hi-res will need much more work
 - Buy-up or special requests
 - Future technology, products, procedures

IFTN TIS Draft Charter

- QA/QC specs and procedures
 - Guest members or outside subject experts
 - Existing and new specs and procedures
 - IADIWG Image Quality Assessment Team
- Archive and Distribution
 - Guest members or outside subject experts
 - EROS, NAIP, NCGC, other large systems
 - Film and digital issues
 - Media distribution and WMS

Info from Existing Programs

- Information for 1-meter & Hi-res
- State Programs
 - Arkansas, North Carolina, Florida, Pennsylvania, others
 - NAIP
 - Other Agencies
 - Private Industry, Local & National Organizations
- Research other programs
 - General online search
 - Government and Industry Organizations

IFTN

- Begin documenting the technical standards and requirements outlined in the TIS draft charter
- Incorporate technical standards and information from state and other existing programs
- Determine plan of action regarding IT and QA issues from the TIS draft charter
- Goal: standards ready by Sept 2008

Image Compression

- NAIP
 - FSA
 - Partner agencies evaluation and input
- IFTN
 - 1-meter
 - Hi-res
 - Archive and Distribution
- 4 or more bands
 - MG3 No
 - JPEG2000 or ECW Yes

Multispectral

(4 or more bands)

- NAIP
 - FSA
 - Partner agencies evaluation and input
- IFTN
 - 1-meter
 - Hi-res
 - Archive and Distribution
- Compression

Elevation & Control Point Data

- NAIP
 - Absolute control UT 2006 and AZ 2007
 - More states planned for 2008
 - NED
- IFTN
 - 1-meter (Same or similar to NAIP)
 - Hi-res (1-ft & 6-in requirements)
 - NED and other sources?
- Storage and distribution
 - Production and Inspection control points
 - NED or other elevation sources

A photograph of a rural landscape. A dirt road or path runs through the center, flanked by green grass and some rocks. In the background, there is a small, simple house with a grey roof, surrounded by trees. The sky is overcast with light clouds. The overall scene is peaceful and somewhat desolate.

Questions?