Slide 1

SANBORN Total Geospatial Solutions
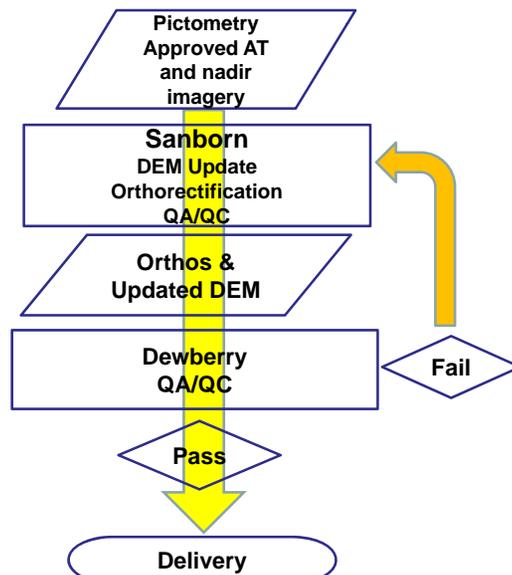1.866.SANBORN | www.sanborn.com.

LAR-IAC3 Status Update

March 24, 2011

Prepared by: Karen Adkins, Program Manager
kadkins@sanborn.com, (719) 264.5542

Slide 2

Orthoimagery

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- Sanborn to produce orthoimagery
  – 3-band (RGB), 8-bits per band in GeoTIFF format
  – High-quality
  – Seamless coverage across areas
  – Color balanced within each resolution area
  – Surface: existing DEM

Slide 3

Ortho Production & QA/QC

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Pictometry Approved AT and nadir imagery

→ **Sanborn** DEM Update Orthorectification QA/QC

→ Orthos & Updated DEM

→ **Dewberry QA/QC** — Fail

Pass

Delivery

Slide 4

Sanborn Project Status

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- Phase: Project Planning & Preparation
  – Ortho schedule development
  – Resource allocation
  – Confirmation of source data: DEM, boundaries, tile grids, etc.
- Next Phase: Orthoimagery Production
  – Pending contract
  – Pending AT review and approval

Sanborn Project Status

- Received from Pictometry:
  - AT block shapefile and nadir image shapefile (4-inch)
  - Preliminary AT schedule (3/4/2011) and revised AT schedule (3/23/2011) – 4-Inch areas only
  - Processed imagery for blocks 23-26 (3/18/2011)
- Pending
  - Final AT schedule AT approval for first block(s)
  - Ground control used for project and control report
  - Shapefiles of bridges and known areas of change (for DEM updates)
  - DEM, tile grids (may utilize from Sanborn's LAR-IAC2 archive)

Issues & Actions

Issues

- Accurate estimation of image counts are crucial for Sanborn to appropriately plan/schedule resources.
  - The polygon shapefile of the flight plan nadir images indicate over 488,000 images for the 4-inch area. Thom Salter indicated in a conference call with Sanborn on 3/16/2011 that the shapefile is not indicative of image counts for ortho production.
  - Thom also noted in the 3/16/2011 call that the flying height is lower than the LAR-IAC2 flight, so image counts will be higher than LAR-IAC2.

Issues & Actions

Actions

- Pictometry
  - Estimated nadir image counts
  - Fight plans for nadir images: downtown and tall building areas, mountain areas
  - Scope/Specifications documentation
    - Details on water color balance requirement, etc.
  - Ground control, remaining flight plans, other sources
- Sanborn
  - Preliminary ortho schedule