

LAR-IAC

Los Angeles Region – Imagery Acquisition Consortium (LAR-IAC)

Briefing Meeting #7

February 22, 2007




LOS ANGELES REGION
LAR|IAC
imagery acquisition consortium

LAR-IAC

Meeting Agenda

10:00 – 10:15 Welcome Introduction – LA County

10:15 – 11:00 Status Briefings

- Presentation – **Pictometry** (Oblique imagery) – Brief discussion of training and products
- Presentation – **Infotech, Geospatial Division** (formerly known as VARGIS; Status of all deliverables; things to keep in mind when evaluating ortho imagery)
- Presentation – **Dewberry** (Independent QA/QC) – Status of intensive QA/QC efforts and distribution efforts (slides by Dewberry, presentation by Nick Franchino)

11:00 Closing Remarks – LA County

- Updated Delivery Schedule (for full countywide participants)
- Training Related – for Pictometry
- Mosaic image products
- Error reporting (PIRF mechanism)
- LAR-IAC2 – Re-fly

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Review of LAR-IAC Products

- Digital Terrain Datasets (DTM, DSM and DEM) – based on LiDAR (stereo compilation for National Forests)
- 2' Elevation Contours GIS layer derived from the DTM (urban areas) and 4' contours (national forests)
- Color Orthogonal Imagery, 4" resolution (urban areas) and 1' resolution (national forests)
- Color Infrared Imagery (CIR), 4" resolution (urban areas) and 1' resolution (national forests)
- Color Oblique Aerial Digital Imagery (with viewer application)
- Accurate Quality Control Report for all data products (independent QA/QC vendor)

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Current List of Participants

| City Participants | |
|------------------------|---------------------------|
| Agoura Hills | La Habra Heights |
| Beverly Hills | Lakewood |
| Burbank | Long Beach |
| Carson | Los Angeles |
| Cerritos | Manhattan Beach |
| City of Industry | Morrovia |
| Covina | Palmdale |
| Culver City | Pasadena |
| Diamond Bar | Redondo Beach |
| Downey | Santa Clarita |
| El Segundo | Santa Fe Springs |
| Glendale | Santa Monica |
| Hermosa Beach | Torrance |
| Inglewood | Westlake Village |
| La Cañada - Flintridge | Whittier |
| County Participants | |
| ACWM | Parks and Recreation |
| Assessor | Public Works (DPW) |
| Beaches & Harbors | Regional Planning (DRP) |
| CAO (including OEM) | RRCC |
| Health Department | Sanitation Districts |
| Other Agencies | |
| Caltrans | LARGIN (LA Clearinghouse) |
| Catalina Conservancy | |
| Port of Los Angeles | |

Contact Information

- **Project Director(s)**
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- **Project Manager**
 - Nick Franchino, GIS Manager, Regional Planning Dept.
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- **We have an updated project web site!**
<http://planning.lacounty.gov/lariac>

Los Angeles Region – Imagery Acquisition Consortium (LAR-IAC)

Next Item... Presentation #1



County Presentation Resumed...

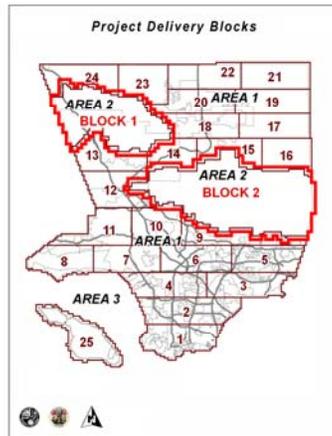
Other Items – LA County

- Updated Delivery Schedule (for full countywide participants)
- “After Delivery” Items
- Training Related – for Pictometry
- Mosaic image products?
- Error reporting (PIRF mechanism)
- LAR-IAC2 Re-fly
- Next Steps / Next Meetings

Delivery Plan – Delivery Schedule

- Spatially limited participants
 - All data will come from Pinnacle Mapping
 - Data will come on DVDs or external hard drives
 - Four to go (Catalina Conservancy, Santa Clarita, Palmdale and County Beaches and Harbors)
- Full countywide dataset participants
 - Rotation schedule is being finalized
 - Snap servers will provide the medium for delivery
 - Data loading to be done; then media passed to next participant; this will have to be timely!

Map of Delivery Blocks



"After Delivery" Items

Some items may have been changed or been completed since some participants took delivery. There will be one central place to download them...Items such as...

1. LAR-IAC Product Guide
2. Metadata (two folders)
3. Orthophoto date shapefile
4. Pictometry license file (small change)
5. Instructions on Change Analysis Issue (potentially one file called "geocalc.dat")

Training Related - Pictometry

- One day training already held in Cerritos. This went very well
 - We had an "Admin Training" and two "End-User Training" sessions
 - 27 workstations (very good setup; some good "hands-on" learning)
- We need to setup more of these at various locations around the County
- Some will be with Pictometry staff, some will be Regional Planning staff as instructors.

Mosaic Image Products?

- There was a recent push to get Mr. Sid and ECW formats for mosaics by delivery area (two per delivery area actually)
- I cannot tell you the status right now...it is still up in the air; our funding source may be gone
- If it is done it will be provided to all LAR-IAC Participants

Error Reporting

- Please follow procedures regarding error reporting on the LAR-IAC Project Web Site <http://planning.lacounty.gov/lariac/errReport.htm>
- We have set up a Problem Identification Resolution Form (PIRF) mechanism to report such instances (simple Word document) – [click here](#)
- We have six (6) to date.

Image Quality...A few words

- We had several meetings regarding radiometry and how to tweak image quality
- Digital camera systems and analog camera systems differ
- Spatial accuracy is as important as image quality – or it should be
- I will read an e-mail from Dave Maune (our QA/QC vendor)

LAR-IAC² Re-fly

- The plan is to do this again...
- We would only need the following products:
 - RGB orthos
 - CIR orthos
 - Pictometry oblique imagery
- We would still need independent QA/QC and we would also need funds to cover main project management costs (not included in this go-round of LAR-IAC)

What a LAR-IAC² Timeline Might Look Like...

FY 07-08 Contract preparation for 1st re-fly

It could look something like this...

- April-June 2007 scope out LAR-IAC² needs
- June-Sept 2007 set up contracts (firms 1 and 2)
- December 2007 start flying
- Jan-Feb 2008 set up contracts (firm 3 – QA/QC)
- April 2008 flying completed...start processing
- June 2008 QC underway
- Sept-Nov 2008 delivery underway

Pay over two fiscal years (FY 07-08 and FY 08-09)

Next Steps...

- Have you made final payments?
- More entities may still join the LAR-IAC; final costs for each participant will be determined at a future cutoff date (still to be determined); when all countywide participants have received data...maybe the end of March.

Next Meetings...

- Perhaps a final Briefing Meeting early April 2007
 - Discussion of topics like...
 - LAR-IAC² re-fly
 - Set up of new Technical Advisory Group (TAG)
 - Scoping for next go-round
- Then the Pictometry / LAR-IAC User Group Meetings will commence (quarterly)
 - First one for Q1 2007 (probably end of March)

Finally

- Work with us as we finalize delivery and any issues
- Keep in touch with us with questions or concerns

LAR-IAC Project Web Site

<http://planning.lacounty.gov/lariac>

The screenshot shows the LAR-IAC Project Web Site interface. The header includes the LAR-IAC logo and the text 'Los Angeles Region Imagery Acquisition Consortium'. The main content area is divided into several sections:

- Primary Navigation:** A list of links including 'Home/About Us', 'LAR-IAC Participants', 'Project Information', 'Downloads', 'Sample Imagery & Data', 'Technical Information', and 'Contact Information'.
- Other Links:** A list of links including 'LA County', 'Regional Planning (LA County)', 'InReach (Vendor)', 'Pictometry (Vendor)', and 'Sinterra (Vendor)'.
- LAR-IAC Announcements:** A section titled 'Briefing #6' dated November 14, 2006, with three small images.
- Welcome Message:** A paragraph stating: 'Welcome to the Los Angeles Region Imagery Acquisition Consortium (LAR-IAC) website. Here you will find documents relating to Los Angeles County's comprehensive project to obtain highly accurate digital imagery and related products. Please check this site periodically - we will be adding new material as it becomes available.'
- Product List:** A table listing various data products:

| Product List |
|--|
| National Color Cartographic Imagery • resolution (urban areas) and • resolution (national forests) |
| Color Infrared Imagery • resolution (urban areas) and • resolution (national forests) |
| Digital Terrain Elevation (DTM, DSM and DEM) based on LIDAR for urban areas, and derived from stereo compilation for national forests |
| Derivation Contours (DEM layer derived from DTM) • Contours (urban areas) and • Contours (national forests) |

Questions or Comments?



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