




> Presented to: Los Angeles Region Imagery Acquisition Consortium

## LAR-IAC Status Meeting Project Status Overview

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## Current Project Status

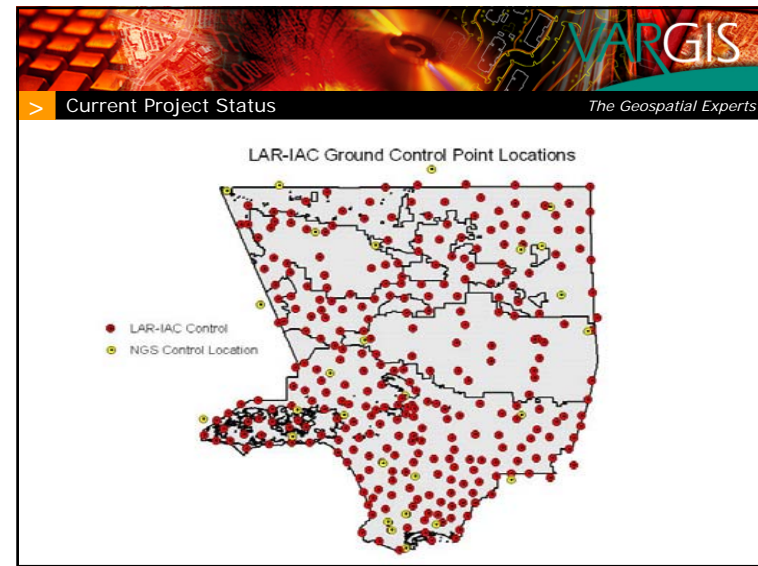



> Current Project Status The Geospatial Experts

### Geodetic Control -100% completed

**Accomplishments :**

- 335 Total Ground Control Points (GCPs) in project area
- Dual Frequency GPS Receivers Used
- All GCPs are paneled or painted to be visible in aerial photography






> Current Project Status The Geospatial Experts

**Digital Aerial Image Acquisition – 95% completed**

- Three (3) state-of-the-art digital sensors (DMC)
- Color and CIR Digital Aerial Imagery Acquisition
- 3,000' above mean terrain for Urban Area, Catalina Island
- 9,000' above mean terrain for National Forest
- 3 distinct regions, allocated to individual team members




> Current Project Status The Geospatial Experts

**Digital Aerial Image Acquisition (Urban Area)**

Accomplishments

- 12 of 31 days available in December for flights
- Approx 65% of total Area #1 photos have been acquired as of **1/8/06**.
  - 32106 of 32106 (100%) in northern area complete,
  - 13230 of 14832 (99%) in central area complete,
  - 7400 of 7790 (95%) in the southern area complete as of **2/6/06**. + other overflights



> Current Project Status The Geospatial Experts


**Digital Aerial Image Acquisition (Urban Area)**

Challenges:

- Air Quality (Haze or smog)
- Wild Fires

Solutions:

- 2 DMC still in the area
- patience



> Current Project Status The Geospatial Experts

**Digital Aerial Image Acquisition (Catalina Island)**

Accomplishments:

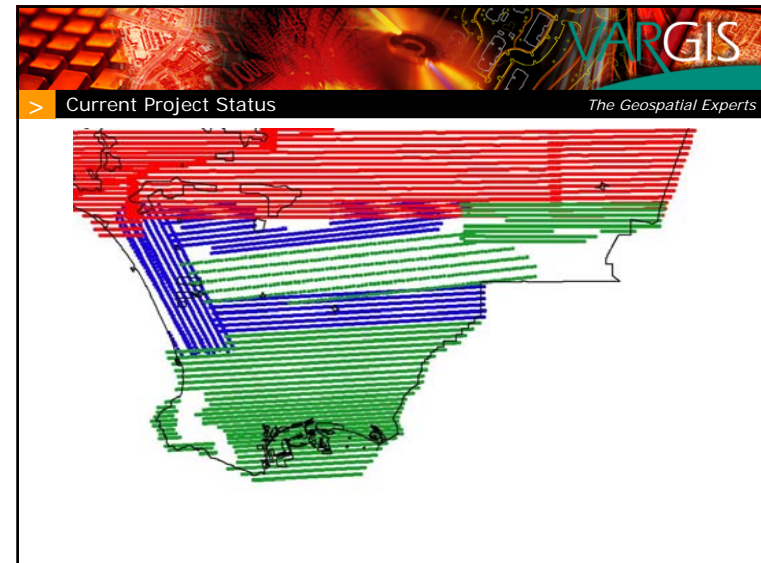
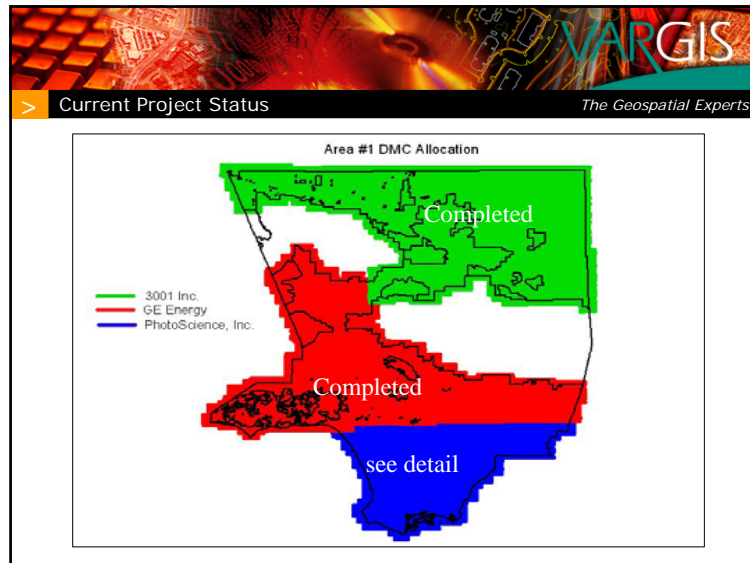
- Flights Pending

**Challenges:**

- Elevation Differences
- Availability of suitable landing strip

**Solution:**

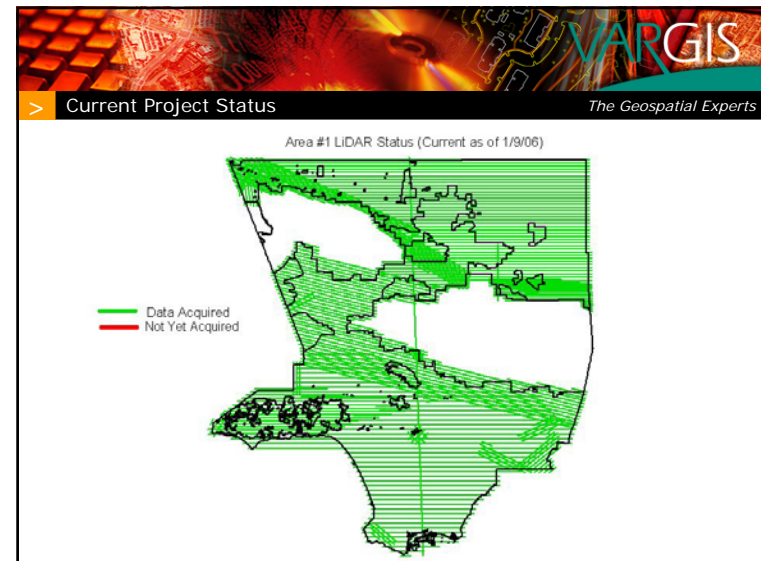
- Design frequent line breaks
- Base station location



**Current Project Status**

**LiDAR Acquisition -100% completed:**

- Two (2) state-of-the-art sensor ALS50
- 9,500' above mean terrain
- LiDAR will be acquired for Urban Area and Catalina Island



**> Task Preparation** The Geospatial Experts

**Aerotriangulation Preparation:**

- Evaluate AT sub-blocks based on imagery acquisition status
- Evaluation Ground Control Point locations to determine block boundaries
- Awaiting processed imagery

**> Task Preparation** The Geospatial Experts

**Imagery Processing Preparation:**

- LAR-IAC selected and approved sample (target) imagery.
- Currently used for processing of raw data.

**> Delivery and Data Format** The Geospatial Experts

**Delivery Schedule:**  
Overview:

Month of Completion	Tasks	Units Complete	Deliverable
November 2005	Project Initiation	All	1
December 2005	Geodetic Services	All	2
January 2006	LIDAR Acquisition Imagery Acquisition	All 1.a,1.b,1.c,2,3	8 3
February 2006	LIDAR Processing Imagery Acquisition	1.a, 1.b, 1.c 1.d,1.e	9 3
March 2006	Aero Triangulation Lidar Processing	1.a,1.b,2.a,3 1.d, 1.e	4 9
April 2006	Aero Triangulation Breakline Completion	1.c, 1.d, 1.e, 2.b 1.a,1.b,2.a	4 10
May 2006	Breakline Completion Ortho Processing	1.c, 1.d, 1.e, 2.b 1.a, 1.b, 2.a	10 5
June 2006	Ortho Processing Contours	1.c, 1.d, 1.e, 2.b 1.a,e	5 11
July 2006	Ortho Processing DTM Contours	3 3	5 11
August 2006	Near IR Ortho Processing Contours	All Area 1 2a,2b	6 11
September 30, 2006	Rework (if Necessary)		

**>**

*Questions and Answers*

  
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