



Delivery Lot Summary Report: Delivery Lot 9

June 18, 2015

USGS Contract: G10PC00026

USGS Task Order: G14PD01045

Task Order Name: San Diego CA 2014 Ortho and LiDAR Task Order

Contractor: GMR Aerial Surveys, dba Photo Science, A Quantum Spatial Company

The following is a summary description of the deliverables and other pertinent information that comprise the shipment of Delivery Lot 9 to USGS on June 18, 2015.

San Diego, CA LiDAR Delivery Lot 6 Map:



Task Order Spatial Reference System:

- Horizontal: California State Plane Zone VI, NAD83 (2011), US Feet
- Vertical: NAVD88, GEOID12a, US Feet



Deliverables Summary:

1. C.1.i.(i) Raw Point Cloud Data: Included
 - LAS v1.2, Point Record Format 1 including File Source ID
 - Classification Schema:
 - (00) Code 0 – Created, never classified
 - Total Number of Files: 419
 - Total File Size: 481 GB
2. C.1.i.(ii) Classified Point Cloud: Included
 - LAS v1.2, Point Record Format 1 including File Source ID w/assigned value of 65,535
 - Classification Schema:
 - (01) Code 1 – Processed, but unclassified
 - (02) Code 2 – Bare-earth ground
 - (03) Code 7 – Noise
 - (04) Code 9 – Water
 - (05) Code 10 – Ignored Ground (Breakline Proximity)
 - (06) Code 17 – Bridge Decks
 - (07) Code 129 – Overlap Default
 - (08) Code 130 – Overlap Ground
 - (09) Code 137 – Overlap Water
 - Total Number of Tiles: 1574
 - Tile Dimensions: 5,000ft x 5,000ft
 - Total File Size: 427 GB
 - Delivery Lot 9 Tile Shape Files (Lot 9 Individual Tiles)
3. C.1.i.(iii) Bare Earth Surface (Raster DEM): Included
 - Format: ERDAS .IMG
 - Resolution: 2.5 foot grid cell size
 - Hydro Conditioning: Hydro Flattened
 - Total Number of Tiles: 1574
 - Tile Dimensions: 5,000ft x 5,000ft (same used for Classified Point Cloud)
 - Total File Size: 22.6 GB
4. C.1.i.(iii)(l) Intensity Image
 - Format: GeoTIFF, with world files
 - Resolution: 2.5 foot pixel size
 - Scale: 8 bit, 256 color gray scale
 - Total Number of Tiles: 1574
 - Tile Dimensions: 5,000ft x 5,000ft (same used for Classified Point Cloud)
 - Total File Size: 8.24 GB



5. C.1.i.(iii)(m) Contours
 - Format: ESRI geodatabase
 - 2 Foot Interval
 - Total File Size: 23.8 GB
6. C.1.i.(iv) Control
 - Format: Shape file
 - Total File Size: 64 KB
7. C.1.i.(v) Metadata: Included
 - Format: FGDC compliant, XML
 - File Types: Project, Deliverable product group (Classified .las, DEM, Breaklines & Intensity Images)
8. C.1.i.(v)(g) Processing Boundary: Included
 - Format: Shape file
 - Total File Size: 312 KB
9. C.1.d.(vi) Breaklines: Included
 - Format: ESRI Shapefile
 - Coverage: Lot 9 Continuous, Non-Tiled
 - Total File Size: 9.69 MB
10. C.1.d.(viii) Project Report:
 - Delivery Lot Summary Report: Lot 9 Included
 - Overall Project Report (Includes acquisition report)
 - FOCUS Report
11. Lot 9 QA & Accuracy Reporting
 - Bare Earth QC Checkpoints FVA Testing Results (Excel File): Included
 - FVA, SVA & CVA Testing Results Derived from DEM (Excel File): Included
 - Calibration Control Point Testing Results (Excel File): Included
 - LAS Analysis (Excel File): Included
 - LAS Stats (Excel File): Included
 - DEM Stats (Excel File): Included

Delivery Lot Notes/Comments:

Delivery Lot 9 consists of all required deliverables as stated in the scope of work.