



# Geographic Data Committee

## Meeting Minutes Wednesday, January 6, 2010, 9:30 am

### **ATTENDANCE ROSTER**

The following of the Geographic Data Committee attended all or a portion of the

January 6, 2010 GDC Meeting:

Chambers County, Tommy Bridwell  
City of Deer Park, Stuart Blumberg  
City of Houston Planning and Development, Larry Nierth  
City of Missouri City, Sharon Heisler  
City of Sugar Land, Lary Dorrington, Erik Schenk  
City of Tomball, Lori Lakatos  
Fort Bend County Engineer's Office, Robert Casey Lyde  
Harris County Appraisal District, Chengyan Wu, David Moss  
Harris County Flood Control District, Scott Lamon  
Harris County Information Technology Center, Travis Conner  
Harris County Public Health and Environmental Services, Christina Dischinger, Nathan McConnell  
Harris County Public Infrastructure Department-Executive, Andre Bally  
Harris County Toll Road Authority, Jason Cowart, Burt Lee  
Houston TranStar, Maria Cristela Vera  
Houston-Galveston Area Council, Tanya Nguyen, Robert LaBarbera  
Montgomery County 911, Chiu-Wen Ray  
Port of Houston Authority, Grant Garrison  
Rice University, Kim Ricker Jean Niswonger  
AECOM, Bruce Davidson  
Texas Department of Transportation, Jeremy Scott, Sheila Gaden

### **Visitors**

Randy Burkham  
Richard Parkin  
Harad Rogers III  
Nick Popovich  
Russell Colston  
Josh Davis  
Renee Cross  
Edgar Smith  
Paul Suckow



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Agenda Item	Action/Discussion/Information	Responsibility
<b>Item 1:</b> <b>Review of the January Minutes</b>	<p>The minutes were accepted as presented.</p> <p>Congratulations to Larry Nierth (City of Houston) for excellent job as GIS Day Chair this past year.</p>	Scott Lamon (HCFCD)
<b>Item 2:</b> <b>Pixxures Aerial Imagery Presentation</b>	<p>Wendy Luck with Pixxures gave a summary of the number of Lambert Tiles per resolution and product type of what will be collected in 2010. The collection time frame for flight acquisition will be January 1<sup>st</sup>- 31<sup>st</sup>. It is Pixxures understanding that everyone desires 90% leaf-off. The coming hard-freeze should help promote leaf-off conditions. Pixxures is currently evaluating weather conditions. Pixxures have also been in the Houston area taking surveys, pictures of the trees and keeping an eye on the weather reports. There will be 6,849 total flight line miles to acquire all of the Aerial Imagery resolutions. This is according to the flight plan that was created and includes extra flight lines where increased overlap (80%) is needed for tall buildings. There will be about 47 hours spent acquiring the aerial imagery flight lines. Up to 13 hours of this will be spent flying turns between lines. There is roughly 60 total flight hours spent for imaging/acquiring all the imagery. About 15 estimated four hour lifts (flights) which is the limit of what the plane with the Leica ADS sensor can collect/acquire at any one time. A lift is a time period of four hours and includes the number of flight lines that will be collected. Up to 15 4-hour lifts are required to complete the imaging and acquisition of all the Aerials. If two planes are used the time it takes could be cut in half. For ground control Pixxures has considered the NGS ground control benchmarks, unfortunately they are not usually photo identifiable because most of them are small monuments buried in the ground. Merrick sent Pixxures the surveyed points that they had tied the LiDAR to (what they used to control the 2008 LiDAR Project). Pixxures will use a number of Merrick's ground control points because they are photo identifiable. There are 54 of Merrick's ground control points reserved as possible check points and 21 of them will be used as control points for AT. Pixxures needs to collect an additional 34 to control the entire project area. There will be about 55 ground control points that Pixxures will be using as photo identifiable. The 34 additional photo identifiable ground control points will be collected by Pixxures on cloudy days and later in the day when they cannot fly/acquire imagery.</p>	Wendy Luck (Pixxures)



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	<p>Pixxures actually started collecting some of the additional ground control before they began flying and acquiring imagery. The collecting time frame will be next week and the production will start immediately after that. The priority is to get the 6 inch resolution completed first. Processing of the 1 foot resolution will continue in January throughout the end August. Pixxures expects to have the 6 inch resolution processed earlier than 1 foot resolution (6 inch completed in the June-July time frame). The color samples will be complete between February 1<sup>st</sup> and March 15<sup>th</sup>. Then Pixxures will deliver within two weeks. The GDC and the Aerial TAC will review these color samples and make a selection on a particular radiometric sample. In April or May the QC Tool will be available to Aerial TAC members to review the quality of the Aerials. The TIFF imagery should be delivered by the July/August timeframe. The MrSID files will follow the TIFF delivery within 2 weeks.</p>	
<p><b>Item 3: Aerial Imagery Cost Share Update</b></p>	<p>The contract has now been signed by H-GAC and given to Pixxures. H-GAC now has enough participants to have all of the 3 inch, 6 inch and the one foot resolutions acquired. Pixxures is waiting for the leaf-off conditions to be just right. The initial flight lines may occur as soon as next week.</p>	<p>Robert LaBarbera (H-GAC)</p>
<p><b>Item 4: Key Map License</b></p>	<p>Right now there are 9 entities who are interested in the Key Map Grid License. The total cost for the Key Map Grid License is \$4,500 in all. Last year there were 10 to 11 participants in the Key Map Grid License. If anyone has an existing Key Map Grid they will need to renew the agreement or destroy their copy of the Key Map Grid. The deadline for renewal of the Key Map Grid is at the end of January. By February 1<sup>st</sup> a signed addendum needs to be sent to Beverly Bell. If an entity is interested in participating in the Key Map Grid. Beverly Bell will send the signed addendums to Bob Abbott at Key Map. Key Map will send out invoices to those participants. Again the Key Map Grid license expires on February 1, 2010. The minimum cost for each participant is \$500. An entity does have to be a GDC Member in order to get that special rate. If an entity is interested in becoming a GDC Member please contact Robert LaBarbera.</p>	<p>Robert LaBarbera (H-GAC)</p>
<p><b>Item 5: InfoUSA License and Costs</b></p>	<p>The cost this year for infoUSA Business and Residential data is \$49,940.00. The actual GSA list price for this data is \$113,394. GDC Members are getting this data at a 50% discount. GDC Members are asked to email H-GAC the amount they can contribute. The past minimum required contribution was \$1,000. There were 12-13 participants last year for the infoUSA data. Last year's data costs a total of \$43,000. The renewal</p>	<p>Carrie Cure (InfoUSA)</p>



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	deadline is March 1, 2010.	
<b>Item 6: New GDC Logo Contest</b>	The GDC members voted on the top 3 New GDC Logos. At the next GDC Meeting the members will vote for their favorite GDC Logo sample.	Grant Garrison (Port of Houston Authority)
<b>Item 7: Other Issues</b>	<ul style="list-style-type: none"> <li>• Harris County Census Geography Update for 2010 Census               <ol style="list-style-type: none"> <li>1) Address Verification from Now to</li> <li>2) Where is the western Harris County boundary line really located between Harris and Fort Bend Counties.</li> <li>3) Need for Special Purpose Annexations data</li> <li>4) Contact Paul Suckow at Harris County</li> </ol> </li> <li>• GIS Training Classes for 2010 provided through H-GAC               <ol style="list-style-type: none"> <li>1) Advanced Labeling</li> <li>2) GeoProcessing with Model Builder and Python</li> <li>3) Intermediate Model Builder</li> <li>4) Intermediate Python</li> <li>5) Introduction to ArcGIS Desktop 1</li> <li>6) Introduction to ArcGIS Desktop 2</li> <li>7) Introduction to ArcGIS Desktop 3</li> <li>8) Introduction to Geoprocessing Scripts Using Python</li> </ol> </li> <li>• GIS Training provided by TeachMeGIS               <ol style="list-style-type: none"> <li>1) Online Calendar updated thru June 2010</li> <li>2) ArcPad Training thru Karen Terry</li> </ol> </li> <li>• Aerial TAC Meeting immediately after GDC</li> <li>• HCC GIS Program               <ol style="list-style-type: none"> <li>1) Needs to place students in internships</li> <li>2) Contact Getachew Haile at <a href="mailto:getachew.haile@hccs.edu">getachew.haile@hccs.edu</a></li> </ol> </li> <li>• GIS Day Wrap-Up Meeting               <ol style="list-style-type: none"> <li>1) 2 PM; January 13</li> <li>2) Harris County Public Health and Environmental Services – West Loop Office (Christina Dischinger’s Office)</li> </ol> </li> </ul>	Scott Lamon (HCFCD)