



# GDC (Geographic Data Committee) Meeting

Wednesday, June 1, 2011, 9:30 a.m.

H-GAC Second Floor – Conference Room A

## **ATTENDANCE ROSTER**

The following of the Geographic Data Committee attended all or a portion of the June 1, 2011 GDC Meeting:

Brazoria Drainage District No. 4, Jarrod Aden  
City of Deer Park, Stuart Blumberg  
City of Houston-Houston Emergency Center, Joel C.  
City of Houston Planning and Development, Jackie Smith  
City of Houston- Public Utilities Division, Kirt Arthur  
City of Missouri City, Ralph Granados  
City of Sugar Land, Erik Schenk  
Greater Harris County 911, Jeff Ledbetter  
Harris County Appraisal District, Thang Nguyen, David Moss  
Harris County Flood Control District, Scott Lamon  
Harris County Public Health and Environmental Services, Christina Dischinger  
Harris County Public Infrastructure Department, Kevin Criss, Samuel Garcia  
Harris County Public Infrastructure Department Executive, Melvic Degracia  
HDR, Doug Wilson  
Houston TranStar, Maria Cristela Vera  
Houston-Galveston Area Council, Tanya Nguyen, Robert LaBarbera  
Montgomery County IT, Amber Knapp  
Port of Houston Authority, Grant Garrison  
Rice University, Kim Ricker, Jean Niswonger  
Texas Department of Transportation, Jeremy Scott  
The Woodlands Township, Chiu-Wen Ray

### **Visitors**

Randy Burkham  
Wade Williams  
Randy Mayden  
Nick Popovich  
Phillip Nguyen  
Larry Jahn  
Luke Chuang



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Agenda Item	Action/Discussion/Information	Responsibility
<b>Item 1:</b> <b>Review of the May Minutes</b>	The minutes were accepted as presented.	Larry Nierth (City of Houston)
<b>Item 2:</b> <b>GDC Officer Elections</b>	The motion was made by Grant Garrison (Vice Chair) to accept the nominations as the New GDC Officers. No Nay votes were cast. The new 2011/2012 GDC Officers are as follows: Grant Garrison from the Port of Houston Authority (Chair), Kim Ricker from Rice University (Vice Chair), and Erik Schenk from the City of Sugar Land (Secretary).	Grant Garrison (POHA)
<b>Item 3:</b> <b>2012 Aerial Imagery Vendor: Surdex</b>	<p><b>Flight Design Parameters</b></p> <ul style="list-style-type: none"> <li>• Full stereoscopic coverage               <ul style="list-style-type: none"> <li>○ 60% forward lap, 30% side lap</li> <li>○ 50% side lap lateral to project area</li> <li>○ Two additional models each end of flight line</li> <li>○ 80% forward lap, 60% side lap for reduced building lean</li> <li>○ Additional flights in downtown areas</li> </ul> </li> <li>• Full stereoscopic coverage               <ul style="list-style-type: none"> <li>○ The imagery at 3" resolution will be flown at ~2,400' AGL.</li> <li>○ The imagery at 6" resolution will be flown at ~4,800' AGL.</li> <li>○ The imagery at 1' resolution will be flown at ~9,600' AGL.</li> <li>○ The imagery at 2' resolution will be flown at ~19,200' AGL.</li> </ul> </li> </ul> <p><b>Resource Requirements</b></p> <ul style="list-style-type: none"> <li>• Surdex owns 3 DMC Sensors installed in Conquest II aircraft with multiple air crews               <ul style="list-style-type: none"> <li>○ Gross capture rate of 4,500 to 6,000 frames per day (6")</li> <li>○ Late December ~ early February; low sun angle in north latitudes, ideal for southern states</li> <li>○ Currently, only Collier Florida is committed for Dec/Jan flight. ~11-16 acquisition hours</li> </ul> </li> </ul> <p>For more details please click on the following link  <a href="#">Surdex -2012 Aerial Imagery</a></p>	Wade Williams CP (Surdex)
<b>Item 4:</b>	The 2012 aerial imagery cost-share selection website is now open. Please sign up and begin making your selections.	Robert LaBarbera (H-GAC)



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<p><b>2012 Aerial Imagery Selection Website</b></p>	<p>On July 6<sup>th</sup> the initial estimates will be posted on the website, so please log back in and look at your initial estimates and confirm or reject. If you confirm you're done. However if you click reject you will be given the opportunity to go back to the website and select the areas you want. Beginning July 23<sup>rd</sup> the second set of estimates will be available and this procedure will be repeated. On August 3<sup>rd</sup> the third set of estimates will be posted. The final set of estimates will be closed on August 17<sup>th</sup>. Then the final amounts will be placed in a letter of intent or an interlocal agreement. The forms need to be back by October 3<sup>rd</sup>, so that the contract signing can start around November/December.</p>	
<p><b>Item 5: GIS Day 2011</b></p>	<p>There was a GIS Day Meeting on June 27<sup>th</sup>. The committee voted on whether or not to change the GIS Day dates (from November 16<sup>th</sup>- 17<sup>th</sup> or move it to the week before). Other Topics Discussed:</p> <ul style="list-style-type: none"> <li>• HISD teacher training</li> <li>• Outreach to other HISD schools in the area</li> <li>• Review of the Cy-Fair layout</li> <li>• Sign up for GIS Day subcommittees</li> <li>• Possible keynote speakers.</li> </ul>	<p>David Moss (HCAD)</p>
<p><b>Item 6: 2010 Aerial Imagery Map Service Testing</b></p>	<p>Mr. Siwek needs some background information from everyone, so that he can incorporate some modeling software. This is to better assess the hardware and software that they are currently utilizing. Martin will be sending out an assessment form. He wants to first start testing with the aerial imagery committee this summer. If things go smoothly it will be open for more GDC participation. Martin reviewed the system designer tool, which is an Esri software product. The system designer allows you to map out the sites of your hardware infrastructure.</p>	<p>Martin Siwek (H-GAC)</p>
<p><b>Item 7: Other Issues</b></p>	<ul style="list-style-type: none"> <li>• GIS Day meeting after GDC meeting</li> <li>• Houston Area ArcUser's Group (HAAUG) meeting: June 16 at 4:30pm at the H-GAC; topic: Geocortex web mapping applications</li> <li>• H-GAC Public Evacuation and Hazard Flex Map</li> <li>• NHAUG (North Houston Arc User Group) meeting hosted by The Woodlands Township</li> </ul>	<p>Larry Nierth (COH)</p>