



Geographic Data Committee

Meeting Minutes Wednesday, September 2, 2009, 9:30 am

ATTENDANCE ROSTER

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

September 2, 2009 GDC Meeting:

Chambers County, Tommy Bridwell
City of Houston-Houston Emergency Center, Lee Mays, Ed Loomis
City of Houston Planning and Development, Larry Nierth
City of Houston-Public Utilities Division, Kirt Arthur, Chengua Feng
City of Missouri City, Sharon Heisler, Penny Hornsby
City of Pearland, Jameson Appel
City of Sugarland, Lary Dorrington, Erik Schenck
City of Tomball, Lori Lakatos
Fort Bend County Engineer's Office, Robert Casey Lyde
Harris County Appraisal District, Thang Nguyen, David Moss
Harris County Flood Control District, Scott Lamon
Harris County Information Technology Center, Travis Conner, Billy Shaw
Harris County Public Health and Environmental Services, Christina Dischinger
Harris County Public Infrastructure Department-Executive, Andre Bally
Harris County Toll Road Authority, Jason Cowart
HNTB Corporation, Grayson Bannister
Houston-Galveston Area Council, Tanya Nguyen, Robert LaBarbera
Houston TranStar, Maria Cristela Vera
Knudson, Ben Murphey
LJA Engineering & Surveying, George Culver
Metropolitan Transit Authority of Harris County, John Labio, Bryan Carroll
Montgomery County 911, Chiu-Wen Ray
Port of Houston Authority, Grant Garrison
Rice University, Kim Ricker, Jean Niswonger
AECOM-TCB (AECOM - Turner, Collie & Braden), Bruce Davidson
UT School of Public Health, Thomas Reynolds

Visitors

Nick Popovich
Amy Nichols
Randy Burkham
Larry Jahn
Jeff Tippen
Yancy Scott
Wendy Luck
Richard Parkin
Chengua Feng
Josh Davis



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Agenda Item	Action/Discussion/Information	Responsibility
Item 1: Review of the September Minutes	The minutes were accepted as presented.	Scott Lamon (HCFCD)
Item 2: Aerial Imagery Cost-Share Website	<p>The GDC currently has 39 cost-share participants signed up for 2010 Aerial Imagery (both 6 Inch and 1 Foot resolutions) through the H-GAC website. At this point there is 1 foot resolution cost-share participation for all of Harris, Galveston, Fort Bend, Brazoria, Waller, and Montgomery counties. There is also 1 foot resolution cost-share participation for portions of far western Liberty and Chambers counties. Currently there is 6 inch resolution cost-share participation for all of Harris County, most of Galveston County, and the eastern half of Fort Bend County.</p> <p>This afternoon the H-GAC 2010 Aerial Imagery website (http://www.h-gac.com/rds/gis/aerial/aerial2010main.aspx) will reopen to allow participants to view their current cost-share participation cost. Go to the website and select whether you accept or decline the current estimated participation cost for your organization. If you select decline please leave a comment stating why. It is very important that you do this as soon as possible because that will help H-GAC and the GDC determine how many organizations are going to cost share, as well as how much land area we will be covered in the contract with the Aerial Imagery vendor. Then this process will start over in early October and end in mid October. By mid October that will be the last time the website is open for an organization to select areas of interest they would like to participate on. There will be 3 opportunities for re-calculated cost-share participation from early September thru mid October. If you have not participated yet, you still have time to select the areas of interest for 2010 Aerial Imagery via the H-GAC website.</p> <p>Two entities are interested in other resolutions such as a 3 inch resolution. Please contact Robert LaBarbera at H-GAC right away if you think your organization maybe interested in other resolutions such as 3 inch.</p>	Robert LaBarbera (H-GAC)



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<p>Item 3:</p> <p>GIS Day Status Report</p>	<p>The last GIS Day Committee meeting was on August 24th at the ESRI office off Westheimer. Fourteen people participated in the meeting.</p> <p>The dates for the GDC's Houston Area GIS Day event are Thursday, November 19 (Professionals Day) and Friday, November 20 (Students Day) at the University of Houston (central campus) in the Exhibit Hall on the top floor of the University Center (UC). Wednesday, November 18 will be setup and preparations for all Exhibitors.</p> <p>Currently there are 6 Exhibitors and 3 Sponsors reserved. There are 23 Exhibitor Booth spots in all. The deadline to become an Exhibitor or Sponsor for the GDC Houston Area GIS Day event is October 1. There is a \$250 fee for Exhibitor Booths. Of course it is free for all to attend the GIS Day event. Sponsors will also receive a booth and will get first pick for their Exhibitor Booth location at the University of Houston UC Exhibition Hall.</p> <p>H-GAC is currently working on the website form, which will be connected to the GIS Day Website. This will allow people to make exhibitor booth or sponsorship payments using a credit card, PO, or check. There are forms available on the GDC's Houston Area GIS Day website (http://www.houstonareagisday.org/) to register for Exhibitor Booths or Sponsorships. In the mean time Beverly Bell at H-GAC will be handling the exhibitor booth and sponsorship payments. Checkout the website for more details about the GIS Day event this year.</p> <p>The Keynote speaker for GIS Day on Thursday, November 19 will be Mary Gainer from NASA (Langley, VA). Mary is a GIS Analyst at the NASA Langley Research Center in Virginia. She will be presenting on the use of GIS for depicting historical location information. In particular she is working on a Project to use GIS to map the Johnson Space Center (JSC) Mission Control.</p> <p>Please contact Larry Nierth (713- 837-7893) or David Feinstein (713-914-4442) if you would like to be a Mentor. We are hoping to put a GIS 101 Training Class video on YouTube that will be linked to Houston Area GIS Day website.</p> <p>If you are interested in being a Presenter/Speaker at the Houston Area GIS Day event on Thursday, November 19</p>	<p>Larry Nierth (H-GAC)</p>



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	<p>please contact Grant Garrison at ggarrison@poha.com. The deadline for people to register to be a Presenter/Speaker at the event will be the end of October. Presentations should not last more than 20 minutes with about a 5 minute Q&A at the end of each Presentation. All presentations will be held in the large Exhibit Hall where the vendors will be located.</p> <p>Volunteers are needed for GIS Day (Students Day) on Friday, November 20th.</p> <p>The next GDC GIS Day Meeting will be held at Harris County Public Health and Environment (located at 2223 West Loop South in Room 416 on the 4th floor) on September 22nd, at 2pm.</p> <p>A “Call for Maps” will be going out in September for those who are interested in presenting a Map in the Map Gallery at the Houston Area GIS Day event. If you are interested in presenting a Map please contact Andre Bally at the Harris County Public Infrastructure Department.</p>	
<p>Item 4: Pixxures Presentation</p>	<p>Last month Pixxures was selected and approved to be the vendor for the 2010 Aerial Imagery acquisition by the GDC and the H-GAC Board of Directors.</p> <p>Pixxures is experienced with direct digital orthophotography collection and production on a large scale.</p> <p>A digital sensor Leica ADS 40/51 (CCD Array – continuously captures imagery in a forward, backward, and nadir field view) will be used to collect/acquire the Aerial Imagery. The sensor is 12,000 pixels wide. True Color and CIR imagery are collected simultaneously by the sensor during the collection/acquisition.</p> <p>Additional side overlap will be flown where there are a cluster Hi-Rise buildings such as downtown Houston, Greenway Plaza area, Medical Center area, Greenspoint area, etc. These areas will have up to 85% side overlap. There is no building lean in the direction of the flight line (nadir). All other areas will have at least a 30% side overlap. Will use as much nadir imagery as possible. Forward overlap is 100%.</p> <p>Processing will be done at Pixxures Colorado office. Nothing will be sent offshore to other countries.</p>	<p>Wendy Luck (Pixxures)</p>



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	<p>Six Inch Resolution will be flown at 4,800' above ground level and One Foot Resolution will be flown at 9,600' above ground level.</p> <p>Pilot sample will be delivered in the 1st Quarter of 2010. Final delivery of all initial TIFF images should be July/Aug. 2010. Delivery of the compressed MrSID images (Lamberts and Mosaics) will follow within 2 weeks delivery of TIFF imagery.</p> <p>Merrick & Company will be handling quality control (QC). Photo ID's (concrete/asphalt corners) will be used for ground control although some paneling/targeting will also be used for ground control.</p> <p>For the full Pixxures 2010 Aerial Imagery presentation see the GDC website below: http://www.h-gac.com/agendas/GDC%20agendas/default.aspx.</p>	
<p>Item 5: Other Issues</p>	<ul style="list-style-type: none"> • GITA (Oil and Gas) Conference September 13-17, Houston Texas • 2009 Texas GIS Forum, October 5-9, in Austin Texas (TNRIS website) • ESRI User Conference Recap October 1, 2009, 9AM-Noon, Houston Marriott Westchase • Harris County GIS Task Force Meeting; third Thursday of each month at the Harris County Mosquito Control; 2:00-3:00pm • Pictometry Oblique Imagery Conference Call on Thursday, Sept. 10 at 10 AM at (contact David Moss at HCAD for details) • Houston Area Arc Users Group (HAAUG) meeting on Sept. 17 at H-GAC at 4:30 PM • New GDC Members: Harris County Public Infrastructure Department – Executive (Andre Bally) Chambers County 	<p>Scott Lamon (HCFCD)</p>



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	Rice University – new alternate representative (Jean Niswonger)	