



GDC (Geographic Data Committee) Meeting

Wednesday, March 2, 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

March 2, 2011 GDC Meeting:

City of Deer Park, Stuart Blumberg
City of Houston Planning and Development, Larry Nierth, Chris McPhilamy, Max Samfield
City of Houston - Public Utilities Division, Kirt Arthur
City of Missouri City, Penny Hornsby
City of Sugar Land, Lary Dorrington
City of Tomball, Lori Lakatos, Chiuwen (Joanne) Ray
Fort Bend County Engineer's Office, Robert Casey Lyde
Greater Harris County 911, Jeff Ledbetter
Gunda Corporation, LLC, Mohan Atluri
Harris County Appraisal District, David Moss
Harris County Flood Control District, Scott Lamon
Harris County Homeland Security & Emergency Management, Bryan Dunaway
Harris County Public Health and Environmental Services, Nathan McConnell, Christina Dischinger
Harris County Toll Road Authority, Jason Cowart, Burt Lee
Houston TranStar, Maria Cristela Vera
Houston-Galveston Area Council, Tanya Nguyen, Robert LaBarbera
LJA Engineering & Surveying, George Culver
Lone Star College, Michael Konvicka
Michael Baker Jr., Inc., Vince Hamilton
Montgomery County 911, Michelle Manuel
Port of Houston Authority, Grant Garrison
Rice University, Kim Ricker, Jean Niswonger,
TCB (Turner, Collie & Braden), Bruce Davidson
Texas Department of Transportation, Peter Sissons, Jeremy Scott


Visitors

Jackie Smith
Ed Turner
Randy Burkham
Richard Parkin
Daniel Bally
Nick Popovich

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Agenda Item	Action/Discussion/Information	Responsibility
Item 1: Review of the February Minutes	The minutes were accepted as presented.	Larry Nierth (City of Houston)
Item 2: Max Samfield - Lifetime Achievement in GIS	Appreciation was expressed to Max Samfield for his Lifetime Achievement in GIS. Steve Howard presented Mr. Samfield with an award on behalf of the GDC. 	Steve Howard (H-GAC)
Item 3: Infogroup License Renewal	To extend our agreement for the 2011 license renewal this year, the total cost for the two data sets is \$49,900. At present, \$20,200 has been committed by thirteen organizations including H-GAC, leaving a balance of \$29,700 that must be funded in order for us to proceed. The deadline to participate is March 4 th . One recommendation was to see if Infogroup would be willing to lower the cost if we simply purchased the business data rather than the business and household data. If we do not renew, all past subscribers will have to remove all past years data sets from their work station. Past subscribers are encouraged to contribute at least the minimum cost of \$1000; however we encourage those of you who can, to contribute more in order to assist others.	Robert LaBarbera (H-GAC)



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<p>Item 4: 2012 Aerial Imagery RFP</p>	<p>Robert LaBarbera thanked the Aerial TAC Committee for coming up with the Request for Proposal (RFP) for 2012. The proposal will be going out tomorrow. The aerial imagery will be, as in past years, an enhanced true color product. The difference is that we are going to add a 2 foot resolution product to our RFP. We will still continue to have the 1 foot, 6 inch, and 3 inch resolution products.</p> <p>Product Specifications</p> <p>COLOR</p> <ul style="list-style-type: none"> • 2 foot, 1 foot, 6 inch, 3 inch enhanced true color (24 bit) ; • 1 foot color infrared (CIR); • Initial enhanced aerial imagery samples to be provided to H-GAC before finalized data is provided; • Vendors required to provide a minimum of 4 digital sample photos with their proposal: <ul style="list-style-type: none"> – At leaf-off conditions; – May include the H-GAC area or an area that is similar in temperature and climate as the H-GAC region; – Photos will be of the same orthographic resolution contained within the vendor's proposal. • Projection: State Plane Central and South Central coordinates. • Two separate sets of world files (in NAD83). • Units: feet; Datum: NAD83 • Positional accuracy: 2 ft resolution product will meet or exceed (\geq) 8 ft horizontal accuracy; 1 foot \geq 4 ft horizontal accuracy; 6 inch \geq 2 ft horizontal accuracy; 3 inch \geq 1 ft horizontal accuracy. • Imagery should be collected in the winter (end of December – beginning of February). • Sun angle not to exceed 30 degrees. • Flying conditions: no haze, fog, dust or smoke. • Streams must be in their normal banks • No objectionable shadows. • Image quality: clear and sharp detail; free of light and streaks; less than 5% cloud cover on any single Lambert tile; no inconsistencies in tone or color; no space in between where the Lambert tiles meet up with each other. • File formats: TIFF (not compressed or GeoTIFF); compressed formats: can be MrSID, ECW, or JPEG2000. 	<p>Robert LaBarbera (H-GAC)</p>
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	<ul style="list-style-type: none"> • Vendors should provide the Esri auxiliary file and XML files. • Metadata should be in the Federal Geographic Data Committee (FGDC) standard, which is the same as previous years. • Asking for the photography center points and the flight line directions, flight date and time of image capture, and all of the photo points in GPS coordinates. • No significant building lean in urban areas. 	
<p>Item 5: Key Map Zip Code Layer</p>	<p>Key Map had a couple of new improvements and ideas on how to finish out Harris County and surrounding counties in a faster and more accurate way. They have completed Montgomery, Waller, Fort Bend, Brazoria and Galveston Counties. Liberty and Chambers counties will be completed shortly. They have started working with the address management people at the post office. The carriers feed them the data. Key Map was able to create a shapefile from the CRIS database. There are a lot of gaps in the CRIS database however they are able to spatially see the CRIS file. The discounted prices for the GDC will be:</p> <ul style="list-style-type: none"> • Harris - \$200 • Surrounding counties (Fort Bend, Waller Galveston, Montgomery & Brazoria) - \$100 each • All of the key map counties - \$400 <p>They also extended from “one - ten users” (they added 20 users). To enhance the product Key Map dropped the subscription base. Purchase of the annual file will include free updates. Currently the GDC Members have the option to buy the key Map grid at \$500. They will include the Harris County zip code for \$100 and if you wanted the key map coverage area for \$700. Please contact Steve if you have any questions.</p>	<p>Steve Hubbs (KeyMap)</p>
<p>Item 6: Star*Map Subscriber Replication</p>	<p>Martin Siwek went over the process for replication. One way replication is already set up for subscribers. If you’re in need of an updated base map on a monthly basis you can stream our Star*Map Replication Service down to your agency. You will be as updated as H-GAC is. At this moment H-GAC is working on a zip code layer now for the entire region. They are using a lot of the same free data layers as their base map layers to build the zip code that Key Map is using. In the future they plan on placing that zip code inside this same type of streaming Geodatabase Replication Service. H-GAC is currently in the process of upgrading their ArcGIS Server and databases to 10. Once they are upgraded to 10 if you are running at a lower release than ArcGIS 10 you will</p>	<p>Martin Siwek (H-GAC)</p>



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	not be able to replicate like Martin demonstrated until you have upgraded.	
Item 7: Esri Technical Certification Program	The Esri Technical Certification Program recognizes qualified individuals who are proficient in best practices for using Esri software. Esri Technical Certifications are awarded in different areas of expertise at both an Associate and Professional level. The program is open to Esri users worldwide. Please visit certification@esri.com for more information.	Nick Popovich (Esri)
Item 8: 2010 Redistricting	Esri Redistricting is a Web-based solution for state and local governments, legislators, and advocacy groups to create political and geographic redistricting plans. With Esri Redistricting, you have the ability to address common needs and challenges related to redistricting at the state and local level. You can collaborate on district plans, create different versions of redistricting scenarios, and then share the final plan with stakeholders, including citizens. All you need is a Web browser. For more information please visit http://www.esri.com/software/redistricting/index.html	Nick Popovich (Esri)
Item 9: Other Issues	<ul style="list-style-type: none"> • David Moss was officially sworn in as the 2011 GIS Day Chair. • Petroleum User's Group Conference April 18-21 at the George R Brown Convention Center Fees: \$100 by March 19, \$150 at the door; register at www.esri.com/pug • Spring ArcGIS 10 Training at TeachMe GIS; www.teachmegis.com ; for information please contact Jenny Harrison at jennifer.harrison@teachmegis.com <ul style="list-style-type: none"> ○ ArcGIS 1 (2 days): 3/28-3/29 \$800 (per student) ○ ArcGIS 2 (3 days): 3/30-4/1 \$1,200 (per student) ○ ArcGIS 3 (2 days): 4/11-4/12 \$800 (per student) 	Larry Nierth (City of Houston)