



Geographic Data Committee

Meeting Minutes Wednesday, December 5, 2007, 9:30 am

Member Agency	Contact	Present
Alterra Technologies	Jim Stevens Matt Kelly	
Brazoria County Engineer's Office	Kevin Sherrodd Eric W. Dyess	
Burditt Consultants, LLC	Paul Howard John Ross	
CenterPoint Energy	Cindi Salas John Chambers	
City of Alvin	Cassandra Langley Doug Ross	
City of Conroe	Les McKay Angela Slayton	
City of Houston, Houston Emergency Center	Ed Loomis	
City of Houston, Planning and Development	Max Samfield Larry Nierth Chris McPhilamy	● ●
City of Houston, Public Utilities Division	Greg Johnson Anthony Powell	
City of League City	Rick Brezik Alice Whitehouse	
City of Pasadena	Charles Vaughan Matt Ross	●
City of Pearland	Michael Masters	
City of Sugar Land	Mark L. Hochstein Erik Schenck	●
City of Tomball	Ivalu Rose Erin Custer	
City of West University Place	Bart Harms Gary McFarland	●
CivilTech Engineering, Inc.	Annie Ding	
Claunch & Miller, Inc.	Doug Wilson Joshua Vickrey	●
CLR, Inc.	Scott Fair Paul Ullman	
Contract Land Staff	Leon Law Kevin Taliaferro	
Cypress Creek Emergency Management Services	Toivo Sari	
Dodson & Associates, Inc.	Mark Starks Michael Henze	
Fort Bend County Engineer's Office	Richard Dela Mater Ronald Drachenberg	●
Galveston Central Appraisal District	David Arnold	



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Greater Fort Bend County EDC	Barkley Peschel	
Greater Harris County 911	Marc Berryman Greg Platek	
Harris County Appraisal District	Jackie Smith Chengyan Wu	●
Harris County Emergency Services District 7	Alan D. Lankford Tim Highley	
Harris County Flood Control District	Scott Lamon Michael Walters	●
Harris County Information Technology Center	Roger Forshee Travis Conner	
Harris County Public Health and Environmental Services	Christina Hailey Dischinger Stefan Nawrocki	●
Harris County Public Infrastructure Department Architecture & Engineering Division	Samuel Garcia Andre C. Bally	●
Harris County Tax Office	Bryan Dunaway Ed Johnson	●
Harris County Toll Road Authority	Jason C. Cowart Burt Lee	
HNTB Corporation	Jeff Scarborough Heather Standley Ben Grod	
Houston Advanced Research Center	Mustapha Beydoun Will Alvis	●
Houston Airport System	Katherine Luu Brandon Williams	
Houston Community College	Richard DeBose	
Houston Fire Department	James Hugo Adrian Trevino	
Houston TranStar	Maria Cristela Vera	●
Houston-Galveston Area Council	Tanya Nguyen Robert LaBarbera	● ●
Klein Volunteer Fire Department	Rich Jones	
Katy Area Economic Development Council	Steven Perry Lance LaCour	
Knudson & Associates	Ben Murphey Amanda Jaloway	
LAN (Lockwood, Andrews & Newnam), Inc.	Derek St. John David Manuel	
LJA Engineering & Surveying	George Culver Brandon Copeland	



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Magellan Consulting, Inc.	Virginia Appl Sam Wilson	
Mapping Solutions, Inc.	Jeff Schiel Tim York	
Metropolitan Transit Authority of Harris County	John Labio Bryan Carroll	
Michael Baker Jr., Inc.	Vince Hamilton Daniel Bally	
Montgomery & Associates, LLC	Cristal Carreon Dehui Su	
Montgomery County 911	Chiu-Wen Ray Robert M. Gunter	●
North Harris College	Peter E. Price Michael Konvicka	
Pate Engineers, Inc.	Cheli Cellmer Amanda Menard	●
PBS & J	Timothy P. Ledet Gray Rackley	
Port of Houston Authority	Grant Garrison Brian Doolittle	●
R7 Solutions	Bryan Hassin Kraettli Epperson	
Rice University	Eva Garza German Diaz	●
Sam Houston State University Law Enforcement Management Institute of Texas	David William Webb David R. Hoffpaur	
TCB (Turner, Collie & Braden)	Bruce Davidson Lori Lakatos	●
Texas Department of Transportation	Kathy DeBettencourt Cindy Gloyna Jeremy Scott	●
Texas Medical Center	James W. Sindelar Bill Wheeler	●
Texas Southern University	Dr. Qisheng Pan Dr. Lalita Sen	
Texas Water Development Board	Felicia D. Retiz Erik O'Brian	
University of Houston, Department of Economics	Janet Kohlhase	
Waller County Economic Development Partnership	Vince Yokom	●



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Agenda Item	Action/Discussion/Information	Responsibility
Call to Order	Eva Garza called the meeting to order at 9:30 a.m.	Eva Garza (Rice University)
Review of the October Minutes	The November 7th GDC minutes were adopted as circulated.	Eva Garza (Rice University)
<p>Remote Sensing Status Reports</p> <p>Aerial Imagery</p>	<p>Robert discussed several map handouts of the different product deliverables for the aerial portion of the 2008 remote sensing project:</p> <ol style="list-style-type: none"> 1. The 3 inch pixel aerial imagery acquisition that shows the 3 separate lamberts that the Texas Medical Center is having flown at 3 inch resolution. 2. The 6 inch pixel resolution, which has not changed since the last meeting. 3. The 1 foot pixel aerial imagery acquisition, which is also not changed. 4. The color infra-red acquisition showing what the Harris County Flood Control District (HCFCD) asked to be flown (Harris County watershed) and for which they are covering the full cost. 5. The LiDAR map that Scott Lamon provided which shows the lamberts that HCFCD and others will be cost-sharing. <p>Participating members have received templates for the Letter of Intent for the aerial imagery. If a member is participating in the oblique deliverable, they received a Letter of Intent and an Interlocal Agreement. The necessity of the Interlocal Agreement is due to the large amount of funding needed for the imagery. If the amount being cost-shared is over \$50,000, H-GAC needs to have the Interlocal Agreement and the Letter of Intent signed on the participating agency's letterhead. Both items are needed as soon as possible, with the deadline being mid-December.</p> <p>H-GAC is currently in contract finalization with the aerial contract – making sure dates and timelines are correct – and hopes to have the contract signed as late as next week. Sanborn has indicated that if the contract is signed by next week, they can start flying the week of December 10th, but they would need to switch from paneling to photo id. If paneling is required, they could begin flying the week of December 17th, pending flight approval.</p> <p>Robert asked Jackie Smith if timeline would be ok. Jackie said yes. Eva Garza asked how early flight would affect leaf-off. Robert replied that the subcommittee has been</p>	<p>Robert LaBarbera (H-GAC)</p>



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<p>Remote Sensing Status Reports (cont'd)</p> <p>Aerial Imagery (cont'd)</p> <p>Oblique Imagery</p> <p>LiDAR</p>	<p>specific about flying during maximum leaf-off. If no hard freeze by end of December, Sanborn will probably wait until early January to fly.</p> <p>Sanborn still needs elevation and benchmark data provided to them for the counties – need DIMs. Montgomery County (Chiu-Wen Ray) indicated that they will have the DIM to Sanborn by the end of December. Sanborn will be contacting the various agencies to receive any data (horizontal/vertical) to make product more accurate. Sanborn wants to have kickoff meeting initially with H-GAC staff and then meet with GDC in January or February to go over flight plan. Robert asked members to contact him via email to give him horizontal/vertical data.</p> <p>The Oblique contract is finalized, now just grammatical checking and review by the head of H-GAC. Jackie Smith asked about following up with oblique participants, and Tanya Nguyen indicated that Amy Adkins would be doing the follow-up.</p> <p>Scott Lamon said the LiDAR contract is now in what is believed will be the final version.</p>	<p>Robert LaBarbera (H-GAC)</p>
<p>STAR*Map Status Report</p>	<p>Wenge Fu stated that since October 1, there were a total of 6,871 changes. 610 new roads were added. 6,261 road segments were spatially modified or their attributes were updated. Austin County Centerline is ready to add to the 4th Quarter STAR*Map. Work is ongoing to merge Chambers County to the 4th Quarter STAR*Map.</p> <p>Eva Garza asked if the STAR*Map is currently being distributed digitally, i.e. through the ftp site. Tanya Nguyen indicated that the new H-GAC website is ready to launch on December 17, 2007. She invited everyone to visit the GDC page and give feedback. The website is going to have a new STAR*Map aerial page. Website is constantly changing, and her staff will have the capability to update. Eventually H-GAC will have a link on the GDC page for STAR*Map distribution and will issue a password and account for that.</p> <p>Robert commented that Data Services in H-GAC has been brainstorming about keeping separate folders for each entity on the ftp site that contains public data that the entity has provided to H-GAC, and each GDC member will have the ability to download the data.</p> <p>Fardosht Amirpanahi asked if there was any thought about using ArcGIS services to distribute the data. Robert replied that eventually H-GAC wants to get to the place where it can use the ArcGIS server with a webmapping application to allow people to download future classes from</p>	<p>Wenge Fu (H-GAC)</p>



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STAR*Map Status Report (cont'd)	the web application. Right now in infancy, so H-GAC is starting with the ftp site at first. Tanya Nguyen indicated that eventually H- GAC will use ArcGIS.	Wenge Fu (H-GAC)
STAR*Map Review Committee Update	<p>Discussed upcoming changes to addressing in City of Houston's ETJ area and explained how addressing is currently being done.</p> <p>Centerpoint now assigns addresses to new subdivisions, to individual lots, within its service area. Centerpoint will relinquish addresses inside of Houston's ETJ to the city. Centerpoint will continue to do own addresses within its service areas outside the ETJ. Outside of city limits, but within ETJ, developers have to submit their plats for approval and the city of Houston will use this mechanism to assign addresses.</p> <p>Individual cities and counties assign addresses to backfills and will continue to do so.</p> <p>STAR*Map is being maintained by H-GAC and will continue to do so with the exception that the City of Houston will take over maintaining addresses within the city's ETJ. The city has developed a tool to maintain STAR*Map attributes and will share with H-GAC so that there will not be any conflict as addresses are assigned. H-GAC will have to migrate to SDE and change some schema for the STAR*Map.</p> <p>Committee has adopted a data model that is basically the Texas 911 data standard. Apply to not only attributes, but also requires no duplicate street names in ETJ and no street types, no punctuation marks in street names, and use Centerpoint's formula for numbers (increase away from downtown). The model is being adopted so that when areas overlap, there is no conflict in addressing.</p> <p>Members can change STAR*Map data for their needs, such as local emergency responders, but cannot change its main attributes.</p> <p>Changing permit process from planning department of city maintaining to a process called EDRC. Developers will submit their plats to the planning department. City takes CAD drawings and brings into GIS. Then city assigns addresses to the individual lots within 4 days. Those addresses are going to be available on ArcGIS servers for access by H-GAC, emergency responders, Centerpoint, and HCAD. Next step is to assign addresses to STAR*Map. All done within 4 days.</p>	Fardosht Amirpanahi (City of Houston)
STAR*Map Review Committee Update	Eva Garza asked whether any updates done online will eventually be transferred into the STAR*Map. Fardosht	Fardosht Amirpanahi



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<p>Committee Update (cont'd)</p>	<p>and make available as soon as possible.</p> <p>Eva asked if there is an online source where can get address information all in one place. Fardosht says it is coming and will provide information on addressing process and actual data.</p> <p>Someone asked if provide city services in the ETJ, ie. Fire, police. Fardosht says some yes and some no. Same person asked if interlocal agreement will be signed with those counties for addressing. Fardosht says yes, basically if they were in Centerpoint's service area, then the City of Houston just taking over for Centerpoint. If area covered by the local county, then need agreement.</p> <p>Chiu-Wen Ray stated that Missouri City does not want the city of Houston to take over addressing. Fardosht replied that the City would only be taking over areas that Centerpoint already does.</p> <p>Robert LaBarbera said Becky Stoneman could not find anything about a statewide geodatabase for 911 so this is a pioneering work.</p>	<p>(City of Houston)</p>
<p>Key Map License Agreement</p>	<p>Currently there are 17 Key Map Participants. H-GAC is working with Bob Abbott on the contract right now. After the contract is signed, H-GAC will send out an addendum stating that the entity understands the contract and will not violate any of the restrictions. H-GAC will need the addendum signed on official letterhead from the entity. H-GAC hopes to have the contract signed by the middle of December.</p> <p>Eva Garza asked if price went up from last year. Tanya Nguyen stated that price stayed the same, with a \$5,000 minimum which has been met. Tanya asked Robert if he asked Key Map to provide a shape file. Robert replied yes, trying to get Key Map to create a new shape file that has attributes placed on the grid line because previously only provided polygons. Eva asked if H-GAC had been adding attributes before distributing in prior years. Robert said H-GAC does not have the attributes. Grant Garrison commented that the attributes are provided in a limited way. Jackie Smith said that she always received page numbers, etc. Grant said originally Key Map would only give CAD file. Robert said he would keep looking.</p>	<p>Robert LaBarbera (H-GAC)</p>
<p>GIS Training 2008</p>	<p>Robert stated that H-GAC wants to have training classes in March 2008 through ESRI. First class is ArcGIS Server Enterprise (SDE) Tuning for SQL Server (2 days), listed in ESRI course material book on page 28 and online. The first class helps people learn to tweak the server for best performance with ArcSDE. Other class, Data</p>	<p>Robert LaBarbera (H-GAC)</p>



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	<p>Management in the Multiuser Geodatabase, teaches people to manage and load ArcSDE data. Robert took a raise of hands to determine interest. Eva Garza asked about the cost. Robert said no prices yet, most likely better or at same cost as if you went to ESRI campus in San Antonio.</p>	
Other Issues		
GIS Day	<p>Maria Vera gave an update on GIS Day and thanked the University of Houston everyone and the committee for making the event so successful. She will provide web address for the photo slideshow. Kid's Day had over 400 students from HISD.</p> <p>Winners of the essay contest – 1st place was “Mapping Sexual Predators,” 2nd place was “Where does it Flood the Most in Houston,” 3rd place was “Metro Line, What is GIS, GIS my Future.</p> <p>Mentor program – 1st place went to the High School for Law Enforcement and Criminal Justice, “Growing Pains, Evacuation Crime Rates, Overcrowding after Katrina,” 2nd place was for global warming and air pollution, 3rd place was for retailers' lack of preferred stores in the neighborhood.</p> <p>Dr. Casey with the Department of Mathematics and Geosciences will look for a larger space for next time.</p> <p>Map presentations – 1st place, HCFCD, 2nd place, City of Houston Public Works, FOB program, 3rd place, HCFCD.</p> <p>Student best cartographic design went to Lee HS, best analytical presentation went to Scarborough HS.</p> <p>Private organizations best cartographic design went to Baker, best analytical presentation went to Baker.</p> <p>Public organizations best cartographic design went to HCFCD, best analytical presentation went to the City of Houston.</p> <p>Eva commented that GIS Day subcommittee is biggest committee and never has enough help. The event really took a group effort.</p>	Maria Vera (Houston TranStar)
Reschedule of Next Meeting	<p>Eva put it on the table to postpone the next meeting because of the way New Years Day falls and took a show of hands. Moved next meeting to Jan 9th from Jan 2nd.</p>	

Adjournment
Upcoming Meeting

Meeting adjourned at 10:33 a.m.
Wednesday, January 9, 2007 at 3:00 p.m.



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GDC Guests	Contact
City of Conroe	Les McKay
City of Houston	Fardosht Amirpanahi
City of Missouri City	Sharon Heisler Penny Hornsby
City of Webster	Richard Parkin
Claunch & Miller, Inc.	Kristina Shinsato
ESRI	Nicholas Popovich
Harris County Flood Control District	Jacob Spenn
Harris County Tax Office	Kurt Fortenbach
Harris County Toll Road Authority	Jason C. Cowart
LJA Engineering & Surveying	Richard Rogers
Montgomery & Associates LLC	Crystal Carreon
S & B Infrastructure, Ltd.	Briant Peterson
TeachMeGIS	Michelle Tuller
Texas A & M University	Heather Biggs
Texas Department of Transportation	Peter Sissons