GDC (Geographic Data Committee) Meeting

Wednesday, April 7, 2010, 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

April 7, 2010 GDC Meeting:

Chambers County, Tommy Bridwell
City of Deer Park, Stuart Blumberg
City of Houston, Houston Emergency Center, Ed Loomis
City of Houston Planning and Development, Larry Nierth, Chris McPhilamy, Max Samfield
City of Public Utilities Division, Kirt Arthur
City of Missouri City, Sharon Heisler, Penny Hornsby, Ralph Granados
City of Sugar Land, Lary Dorrington, Erik Schenk,
City of Tomball, Lori Lakatos
Fort Bend County Engineer's Office, Robert Casey Lyde
Greater Harris County 911, Jeff Ledbetter, Shannon Bledsoe
Harris County Appraisal District, David Moss
Harris County Flood Control District, Scott Lamon
Harris County Public Health and Environmental Services, Christina Dischinger, Nathan McConnell
Harris County Public Infrastructure Department-Executive
Harris County Toll Road Authority, Jason Cowart
HDR Claunch & Miller, Inc., Doug Wilson
Houston Advanced Research Center, Zach Vernon
Houston TranStar, Maria Cristela Vera
Houston-Galveston Area Council, Tanya Nguyen, Robert LaBarbera
Metropolitan Transit Authority of Harris County, Vincent Sanders, Martin Elder, Jose Jaimes
Montgomery County 911, Chiu-Wen Ray
Pate Engineers, Inc. Amanda Menard
Port of Houston Authority, Grant Garrison
Rice University, Kim Ricker Jean Niswonger
Turner, Collie & Braden, Bruce Davidson
Texas Department of Transportation, Jeremy Scott
University of Houston-Department of Economics , Janet Kohlhase

Visitors

Ashok Wadwani
Richard Parkin
Harold Rogers III
Nick Popovich
Emily Braswell
David Feinsten
Bryan Dunaway
Richard Dela mater
Amy Nichols
Jackie smith
Larry Jahn
Harry Fair

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Item 1: **Review of the March Minutes**	On Item 7 page 4 of 5 resolutions was changed to revolutions.	Scott Lamon (HCFCD)
Item 2: **Pixxures Aerial Imagery Presentation**	All of the photography for all resolutions was captured between January 9 -February 6, 2010. Collection was completed in 11 total flight days of collection to acquire all of the imagery. Pixxures is willing to provide guidance to any participants who wish to display their Lamberts in ArcMap with one of the different color samples or contrast settings that were provided as samples. This will only be a display change on the computer screen and will not change anything in the data itself. In addition Pixxures can apply a different coloring contrast to any participation's Lambert Tiffs for a fee after the final delivery. This will be an actual color change to the Tiff files themselves, which will require a separate Lambert delivery to those interested participants. The Image QC Tool is up and running. All of the 6 inch Lamberts are finished and are viewable in the online QC Tool. Pixxures final QC is complete on this data. The purpose is to allow an earlier review from the GDC before the final Tiff delivery. This will save on shipping costs, cycled time and also decrease review time. Logins for the QC Tool will be setup by Pixxures and H-GAC will distribute to the TAC Members to review the imagery. July 12, 2010 is the contract deadline for TIFF image delivery from Pixxures to H-GAC. July 26, 2010 is the contract deadline for the MrSID image delivery from Pixxures to H-GAC.	Wendy Luck (Pixxures)
Item 3: **2010 GIS Day Chair Nominations**	Kim Ricker will be the 2010 GIS Day Chair.	Larry Nierth (City of Houston)
Item 4: **Regional Road Data Standardization**	A shift in e-911 technology will take place from a phone call based to an IP based communication system. This will allow you to make emergency distress calls by using any kind of internet capable communication device. On the GIS side that is going to require a change in both precision and accuracy of the data used for e-911. The main dataset used is roads as well as emergency servicing zones. A lot of people use this dataset because it contains all the roads (and we share with counties,	Jeff Ledbetter (GHC 9-1-1)

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	cities, and everyone who uses the same kind of data). The priority focus area is Harris and Fort Bend counties for the Greater Harris County 9-1-1. Need to share data among various organizations much faster; from city level to county level and county level to regional level. In the past it took 3 months for distribution of this data. In the future we need to share this data much faster among each of the organizations. A motion was made to start the Regional Road Data Standardization Subcommittee. The subcommittee of the GDC was formed to get consensus on the types of data needed to improve the e-911 service. The Regional Road Data Standardization Meeting will be held at H-GAC on April 15th at 2pm. Representatives from smaller municipalities are still needed.	
Item 5: **GPS Enabled Camera and GPS Mapping**	Imagine photos that come with a life long time stamp and accurate information on the picture itself. You can share those pictures on the website; you can instantly locate the location in the photograph variable to the Google Maps and also create shapefiles for GIS. There are two solutions now available. The Ricoh 5500SE or Garmin OREGON 550T. The digital camera has GPS and compass built in. The software can take a picture and get attributes. Next the software brings it back to your computer, then to ArcGIS for review. This software is called GPS Photo Link Pro. The camera has 8 megapixels, Bluetooth, GPS, waterproof, Wi-Fi, records video, and voice. The software links the picture with the GIS and GPS readings. Another solution you can just have a camera with a Bluetooth enabled and use an external GPS. This will imbed the GPS readings to the picture. You can also use a laser range finder for distance and bearing measurements. You can create a data dictionary in software on the camera with up to 10 separate attributes. The whole package (camera, gps/compass, software) is about $1600 and it is about $800 for just the camera (without the GPS). The software is about $300.	Ashok Wadwani (AFDS)
Item 6: **City of Houston "My City" Flex Map Demo**	The MyCity Houston interactive mapping web site provides the citizens of Houston a means to access the most current geographic information systems (GIS) data and aerial imagery (current and historical). Users of the web site interact with over 200 map layers and datasets that are relevant to the City's mission. The site also includes multiple sets of aerial imagery and scanned maps. The website address is:	Chris McPhilamy (COHGIS)

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	http://mycity.houstontx.gov/public/. There is a 15 page Help document (.pdf) that was emailed to GDC members. Must click to accept the notice or not. You cannot download the actual GIS data, just view the data. The City Maps Data is all the COHGIS data. The data covers the entire City of Houston ETJ. May print a screen shot to a .pdf file in 8.5"x11" or 11"x17" size. All tools in the interface are dock able. There will be a link setup for other agencies to use. The Web Services will be made available for other agencies to use (Basemap Service and Geocoding Service).	
Item 7: **Other Issues**	• Aerial TAC Meeting after GDC Meeting • New GDC Member - Gunda Corporation, LLC • VB .NET Class date TBD • "Better way to Design and Share Map Series" on May 4 at the Houston Marriott Westchase, 2900 Briarpark Drive, Houston TX 77042 From 8:00am to 12:00am • Monthly Star*Map Update • HCAD Oblique Imagery & Building Footprints: High Level and Low Level & Orthophotos with ECW mosaics; building footprints for all of Harris County including the HCAD #; total costs for this data is $480,000.	Scott Lamon (HCFCD)