



Meeting Minutes

The intention of this document is to reflect all relevant topics discussed, any work issued and decisions reached during the course of the meeting. Any questions, comments or concerns regarding the content as documented shall be submitted to OCTO GIS. All meeting minutes are considered DRAFT until voted and approved by the GISSC.

Status of Minutes: DRAFT

Meeting Title: District of Columbia GIS Steering Committee (GISSC)

Meeting Date: May 12, 2011

Meeting Location: 441 4th Street NW, Washington, DC 20001; Conference Room 1107

Meeting Attendees: See Attached Sign-In Sheet

#	Speaker	Topic Discussed	Action/Conclusion	Representing Party	Due Date
1		Round of Introductions			
2	Barney Krucoff	DC GIS News	Presentation	OCTO	
3		DC GIS Central Database Upgrade to SDE 9.3.1. Also, all blob geometry fields changed to ST geometry to allow users to use SQL			
4		Broadband Map with newly published April 2011 data. http://broadbandmap.dc.gov/ . The data is as of now newer than data available in National Map. The federal government is processing/reviewing DC data for inclusion.			
5		CAD system – upgrades to the District’s CAD system for 911 include intersections and bridges/overpasses			
6		CitrixGIS upgrades – <ul style="list-style-type: none"> • Faster data searching with new data loader. • New property basemap choices along with latest and high resolution photos. • New condo lot identify tool 			
7		Esri License page to track license usage for ArcGIS. This does not track individual use or use by agency.			
8		Pictometry Flight – completed during the first week of May 2011. Occurred late due to a security issue with the federal government.			
9		Indefinite delivery/indefinite quantity (IDIQ) contracts – a procedure combining competition and a rational/iterative process leading to good projects. Almost \$1million awarded since July 2010 in various projects: <ul style="list-style-type: none"> • Broadband Mapping • National Capital Region data exchange • DC GIS business plan 			



Meeting Minutes

#	Speaker	Topic Discussed	Action/Conclusion	Representing Party	Due Date
		<ul style="list-style-type: none"> Arc2Earth software and consulting DC Boundary Survey New project just put out: DDOE Mobile Field Inspection Solution 			
10		National Geospatial Data Exchange – grant funded program to securely share data across DC Metro jurisdictions. Moving towards live web services and reusing existing systems. Development using tools from COTS products. Workshops are open to anyone, however limited seating.			
11		DC Gov Summer Youth Program – DC GIS will be getting 5 high school and college age summer youth interns. They will use 5 professional grade GPS receivers for a 6 week data collection project. Agencies who would like field data collection should submit projects to DC GIS.			
12		<p>DC GIS Business Plan –</p> <ul style="list-style-type: none"> \$30k grant from FGDC. Applied Geographics will be under contract to develop DC GIS Business plan. Plan is due by July 31, 2011 Two meetings scheduled for the week of May 16, 2011. Other meetings will be scheduled in June 2011. Please volunteer for this subcommittee by contacting DC GIS 			
13		<p>GISSC Approved Projects for FY2011 – Status Update</p> <ul style="list-style-type: none"> Please see table at the end of this document Green: Projects that are moving along well and past major hurdles. Some are nearing completion. Yellow: Projects that have begun however with a few delays Red: Projects that have not started due to major hurdles. Also, there are many that OCTO GIS is unable to handle and needs assistance in completing. New projects there were not originally listed: Broadband, DDOE Mobile Inspection and Regional Geospatial Data Exchange 			
14	Charlie Richman	Redistricting Subcommittee	Presentation	OP	
15		DC law states that within 90 days of receiving census data, DC Council along with the Mayor must redraw the 8 Wards so that each has a population within 5% of the other.			
16		Wards do not follow Census tracts well, however there is no law requiring this.			
17		Demonstration of Ward redistricting website/tool. Take a census tract and hypothetically move it from one Ward to the next. See how it affects the total population.			
18		Must be contiguous, compact and within 5% in pop of each other			



Meeting Minutes

#	Speaker	Topic Discussed	Action/Conclusion	Representing Party	Due Date
19		After Wards, next steps will be to redistrict the SMDs and ANCs. ANCs are supposed to be about 2000 persons each. This will be more challenging however there is no set deadline for these.			
20		DC does have the 2010 census block data. It is not perfect however, such as populations in the block across the street from where they're supposed to be. It's in DC GIS central, but not yet downloadable on the data catalog. The line work is not identical to the line work that census provides. OP has cleaned up the data to follow property lines, alley lines, etc.			
21		Going forward – the DC Council subcommittee will publish the final Wards soon. GISSC redistricting subcommittee will work with DC GIS and agencies to get both old and new Wards available to agency applications.			
22	Barney Krucoff	The District will be purchasing redistricting software through the ELA with ESRI. It will be used to support the ANC and SMD redistricting	Question/Comment		
23	Mario Field	Data Report	Presentation		
24		A report on the most notable data updates since the last GISSC. Please refer to the DC GIS website: http://dcgis.dc.gov for newsletters containing data updates.			
25		Capital Bikeshare Data – this data is updated weekly, however it does not contain usage statistics. DDOT has a bikeshare dashboard that can likely be turned into a web service for usage statistics. http://cabidashboard.ddot.dc.gov/CaBiDashboard/#Home			
26		Solar Reflectivity Data – this data was created using the District's LiDAR and Critigen's reflectivity model. It was created to support the Dept of Environments new web application currently in development. It shows how much roof area, for a given structure, is exposed to the sun.			
27		Planimetric 2010 – Now published and available for download on the District's data catalog. http://data.dc.gov . A new basemap service is forthcoming. A new impervious surface layer was created using these and is updated every two years when planimetrics is updated.			
28		Coming updates: <ul style="list-style-type: none"> • DC Boundary with 2010 Census demographics from the State Data Center • Human Services points • New Metro Bus Line • New Metro Bus Stop <ul style="list-style-type: none"> ○ WMATA has exposed some of their data via web services ○ Google has also added the WMATA transit to Google Maps 			
29		Mobile Mapping – capturing street level imagery with either LiDAR or Camera based, with accurate x,y and z values for every pixel.			



Meeting Minutes



#	Speaker	Topic Discussed	Action/Conclusion	Representing Party	Due Date
30		Photoscience will be here next week for a demonstration, 5/18 and 5/19. Any interested parties should email Mario Field. The demonstration will be at the Dept of Transportation.			
31	Doug Goldsmith	3D Building Pilot	Presentation		
32		Goal was to develop and validate approach for a "targeted" update of the City's 3D building data using the 2010 planimetric pilot area (4 tiles)			
33		Update included any buildings >100 sq ft that were added and/or modified during the planimetric update			
34		Pilot deliverables included ESRI Multipatch Shapefiles and Google Earth KML files			
35		Pilot area results: <ul style="list-style-type: none"> Added 56 buildings; 34 under 400 sq feet (60%) Modified 29 buildings; 1 under 400 sq feet (3%) Citywide Projections based on Pilot: <ul style="list-style-type: none"> Additional 2,395 buildings (~1,437 under 400 sq feet) Modified 2,711 buildings (~81 under 400 sq feet) 			
36		Conclusions: <ul style="list-style-type: none"> 2005 Cyber City building models could be used as the baseline for a targeted update to buildings since 2005. Comprehensive review of every existing building model against 2010 imagery may be cost prohibitive 			
37		Discussion about the use of 3D data and if the city should invest in updating this. Do we need it and are we using this data to its potential? <ul style="list-style-type: none"> Price is negotiable depending on how many, types of buildings and area we choose to update. ArcGIS 9x made it tough to use 3D data; however we may find ourselves using this data more in ArcGIS 10. There are newer, easier tools to take advantage of this data. 			
38	Eva Stern	Training Report	Presentation	OCTO	
39		A report on training activities thus far for FY11			
40		Special thanks to the Advanced Training Subcommittee: Jim Amerault of DDOT, Julia Evans of DDOE, and John Codd of OCFO			
41		18 DC employees, from 10 different agencies, either completed, currently in, or will complete advanced GIS training by August 2011.			
42		Training varies from python scripting, ArcGIS Server to geodatabases			
43		All advanced credits have been allocated for FY11. More credits will become available in October FY12			
44		ESRI is helping to track who is in training and notifying when they have completed.			
45		Upcoming DC GIS Classes with DCHR: <ul style="list-style-type: none"> 5/17 – Google DC – Class Full 5/24 to 5/26 – ArcGIS 1 – A few spaces remain 			



Meeting Minutes



#	Speaker	Topic Discussed	Action/Conclusion	Representing Party	Due Date
		<ul style="list-style-type: none"> No classes scheduled for June or July Managers please need to mark and approve all training requests in PeopleSoft. 			
46		<p>Other Events:</p> <ul style="list-style-type: none"> Watershed Stewardship and class for DC residents interested in managing their local watershed Presentation to high school seniors and juniors about DC GIS HSEMA on site GIS training next week and also in July DOH on site training for health administration data analystys 			
47	Dan Schriever Matt Crossett	DC Boundary Survey Project	Presentation	AMT Engineering & OCTO	
48		40 stones originally set by Andrew Ellicott in 1791 and 1792. 38 stones remain in place. 39 th stone is in storage during construction around the area and 40 th stone is now marked by a plaque only.			
49		Stones are at 1 mile intervals along the perimeter.			
50		Survey was done with both GPS and conventional methods			
51		Horizontal accuracy +/- 5 cm; Vertical Accuracy +/- 9 cm			
52		Purpose of the project was to accurately map the DC boundary and incorporate it into the DC GIS. This is not a boundary survey to re-establish the official boundary lines of DC.			
53		DC Surveyors Office will perform a "common sense" boundary review/analysis of surveyed stone locations. They will work with OCTO GIS to analyze how closely it matches with current GIS boundary and see if a new DC boundary GIS file is warranted.			
54		<p>Deliverables included:</p> <ul style="list-style-type: none"> ESRI geodatabase of boundary stone information Digital pictures of boundary stones AutcoCAD 2008 drawing of surveyed stones and coordinates 			
55		<p>Results if you just "connect the dots/stones:"</p> <ul style="list-style-type: none"> along NE, stones are inside existing boundary ranging from 6.6'-18.4' along SE, stones are outside existing boundary ranging from 12.75'-18.48' along NW, stones are outside existing boundary ranging from 4.43'-9.6' bearing range from 1min 7sec off 45 degs to 3min 57sec off 45deg 			
56		Surprising the data lines up very well with the Right of Way polygon dataset. Per Surveyor's Office guidance, the plan is to "connect the points" to create a new boundary. This will be available in DC GIS.			
57	Barney Krucoff	Meeting Adjourned – Next meeting scheduled for June 21, 2011			
58					

DC GIS STEERING COMMITTEE MEETING

SIGN IN SHEET

May 12, 2011

LAST NAME	FIRST NAME	AGENCY	WORK PHONE	CELL PHONE	FAX NUMBER	E-MAIL ADDRESS	CHECK IN
Abdella	Tim	JMT Technology					✓
Amerault	Jim	DDOT					✓
Berry	Rasheed	OCTO					✓
Buckley	Tom	CASEYTREES					
Butler	Jeffrey	DOH					
Cappello	Stephen	OCFO					
Clegg	Opa	DOH					
Codd	John	OCFO					✓
Colon	Jose	DDOT					
Crossett	Matt	OCTO					✓
David	Christopher	OZ					✓
Dobbins	Cheryl	FLCF					
Evans	Julia	DDOE					✓
Field	Mario	OCTO					✓
Gersten	Barry	MPD					
Gilmore	Matthew	DCRA					✓
Goldberg	Ethan	OUC					
Goldsmith	Doug	KCI					✓
Gonzalez	Sheryl	MPD					
Grady	Richard	Applied					COM
Grala	Thomas	WASA					✓
Grant	Anne	MPD					
Haffly	James	NGDC					
Hammel	Heidi	KCI					
Heyder	Florian	OCTO					✓
Horne	Robert	OCTO					
Howard	David	EOM					
Isenstein	Neal	DCRA					✓
Johnson	Bev-Freda	CFSA					
Johnson	Erik	FEMS					✓
Kailian	Aram	Leoadaly					
Kavaleri	Teddy	OUC					

DC GIS STEERING COMMITTEE MEETING
SIGN IN SHEET
 May 12, 2011

LAST NAME	FIRST NAME	AGENCY	WORK PHONE	CELL PHONE	FAX NUMBER	E-MAIL ADDRESS	CHECK IN
Koehler	David	DPW					
Krucoff	Barney	OCTO					
Legerwood	Roger	OCTO					
Leonard	Edward	DPR					
Liang	Tianpu	OCTO					
Lo	Zhen	OCTO					
Meruani	Amy	Clustrust					
Miller	Janet	DDOT					✓
Olle	Peter	OCTO					
Nyambi	Nyambi	DCOZ					✓
Payne	Larah	DOH					
Puzzo	Anthony	ESRI					✓
Richman	Charlie	OP					✓
Schine	Lance	DDOT					
Schriever	Daniel	AMorton					✓
Sellers	Keith	WDCEP					
Semwanga	Peninah	FEMS					✓
Shuskey	Chad	WDCEP					
Siaway	George	DOH					
Sinclair	Jeter	AJP					
Skirbunt	Ted	BiD					
Snowden	Rene	DHCD					
Sontag	Kate	KCI					
Spak	David	DYRS					
Starr	Eddie	Pictometry					✓
Stern	Eva	OCTO					✓
Stidham	Tammy	NPS					
Strigel	David	OCTO					
Tariq	Mohammad	Peak Tech					
Tatian	Peter	UI					
Tesfaye	Yoseph	DMH					
Thomas	John	DDOT					

