

# Thank you to the Richmond AutoCAD Manifest (RAM)

I'd like to thank Art Thomas and the Richmond Virginia AutoCAD User Group for inviting Jeremy and me to demonstrate Carlson Software and data collection last night. Our hour-and-a-half long presentation covered the basic tools and Survey, Civil and GIS specific features of the Carlson products.

The RAM User Group has been active for 20+ years and has a lot to offer CAD users in the central Virginia area. Their meetings are usually on the 3rd Wednesday of each month and start after work at 5:30. If you're based in the Richmond area, I'd highly recommend that you join up with them.

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## Did you know... About Coordinate Display Toggles?

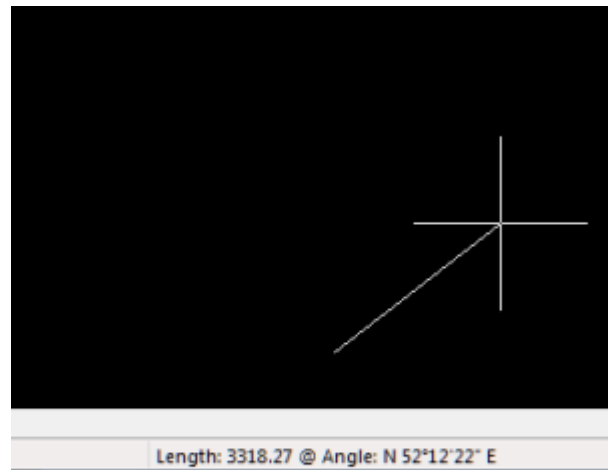
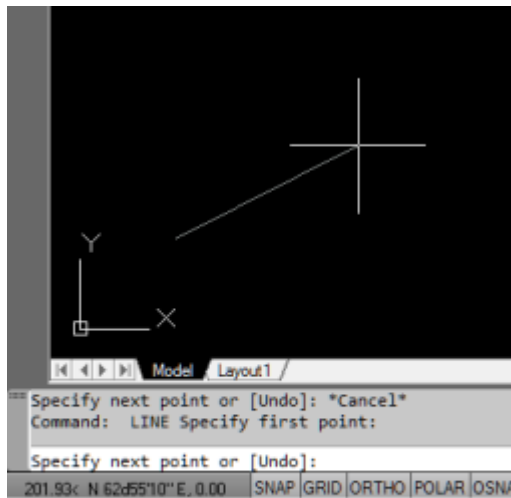
Did you know that, when you're in AutoCAD or IntelliCAD, you have a couple of different options when it comes to displaying the coordinate position of your crosshairs?

For instance, when you're NOT in a command, you have two options for displaying the coordinate position of your crosshairs as it moves across your screen: On or Off. If the coordinate display is toggled ON, then the X, Y and Z position (rectangular coordinates) of your crosshairs are displayed and if it's OFF,

then the X, Y and Z display is frozen and doesn't update as your mouse moves.

However, if you are currently in a command that requires two points be picked to specify an angle and distance (commands such as Line or Move, etc), you have a 3rd coordinate display available to you: polar coordinates. Unlike rectangular coordinates that display X, Y and Z position, polar coordinates report a distance and angle from the original point. For instance, when you start the Line command you can toggle the coordinate display so that rectangular coordinates are ON or OFF. But, after picking the first point of the line, you can toggle the coordinate display so that rectangular coordinates are ON, rectangular coordinates are OFF or that polar coordinates are ON.

The image below on the left shows the polar coordinate display in AutoCAD and the IntelliCAD version is shown below on the right:



To toggle the coordinate display in newer versions of AutoCAD (since 2009?) double-click on the coordinate display. In older versions of AutoCAD and in IntelliCAD, the F6 button toggles the display.

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## **Special Offer from Esri for Carlson IntelliCAD Users**

Since the focus of my class and of the NC Surveyors Show as a whole is GIS, I thought it made sense to bump the information

about the free copy of Esri software to the top..

Those currently using Carlson with IntelliCAD are eligible for a new "GIS Starter Kit" from ESRI. The Kit includes:

- ArcGIS ArcView desktop software
- A copy of the book *A to Z GIS: An Illustrated Dictionary of Geographic Information Systems*
- A copy of *GIS Tutorial: Workbook for ArcView 9*, Third Edition
- A 10% discount for the ESRI Survey & Engineering GIS Summit (\$325 – standard registration price)

To take advantage of the offer, call 1-800-GIS-XPRT (1-800-447-9778) and request the **Carlson-IntelliCAD GIS Starter Kit** and **please have your Carlson Serial Number available.**

You can read more about ESRI's commitment to survey and engineering services by visiting <http://www.ESRI.com/engineering>.

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## Another Happy Carlson Customer

Here is a great story about another customer of mine, John Pevette with Gooden & Associates out of Hope Mills, NC, and his successful transition from Civil 3d to Carlson Civil Suite.

<http://info.carlsonsw.com/blog-1/bid/121528/Moving-to-Carlson-from-Civil-3D>

And, I know what you're thinking but the answer is "No." Carlson did not pay him to say this – I asked just to make sure! In all seriousness, it's great he was willing to be interviewed and confirm just how great a design tool Carlson is and just how quickly you're able to get up to speed.

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## Carlson's New Supervisor+ GPS Tablet

Many of you saw Carlson's new Supervisor+ GPS tablet at our workshops last November and December but it's just now being officially rolled out...

Come by our booth at the NC and SC Surveyor's Conventions in the next couple weeks and give it a test drive.

Read the specifications [here](#)



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# Carlson 2012 Updates

You can download the most recent updates to Carlson's 2012 desktop software [HERE](#)

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**[www.CarlsonConnection.com](http://www.CarlsonConnection.com) to  
[www.ThatCADGirl.com](http://www.ThatCADGirl.com)**

This blog is in the process of being transferred to [www.ThatCADGirl.com](http://www.ThatCADGirl.com). Please join us there.

Originally posted on [Carlson Connection](#) by Jennifer Dibona

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**End of Year Workshops –  
Statesville, Asheville,**

# Wilmington and Raleigh NC

We are finally able to announce our end of year workshops for 2011. With the weather problems we encountered last year we decided to hold the events in the western end of North Carolina in November and toward the coast in December.

The cost to attend each event is \$99 and lunch is included. See below for early bird registration details for each event. NC Licensed Surveyors and Engineers will receive 8 PDH credits and all attendees will receive a certificate confirming their attendance. We will have door prizes, software giveaways and **special software or hardware pricing that is available the day of the show only.**

We will be in Statesville on Tuesday, November 15<sup>th</sup> and Asheville on Thursday November 17<sup>th</sup>. Early bird registration is \$89 through September 30<sup>th</sup>.

We will be in Wilmington on Tuesday, December 13<sup>th</sup> and Raleigh on Thursday December 15<sup>th</sup>. Early bird registration is \$89 through October 31<sup>st</sup>.

You will be able to choose the sessions you wish to attend. This year's sessions include:

- **GIS from A to Z and Responding to GIS-related RFPs**  
presented by Janet Jackson (GIS Janet) of Intersect
- **Overview of Carlson Takeoff & Preparing Machine Control Data**  
presented by Todd Carlson of Carlson Software
- **Intro to SurvNet & Least Squares**  
presented by Donnie Stallings, the original developer of

- the product
- **CAD Standards Roundtable & Discussion**  
presented by Jennifer DiBona, That CAD Girl
  - **CAD Tips & Tricks** and hints for sharing data with others  
presented by Jennifer DiBona, That CAD Girl
  - **Overview of Carlson Software 2012** (Survey, Civil, Hydro, GIS, Point Clouds)  
presented by Scott Griffin of Carlson Software
  - **Field to Finish with Carlson Survey & SurvCE and the Surveyor+ GPS System**  
presented by Butch Herter of Carlson Software and Jeremy Taylor
  - **Preview of future Carlson hardware**  
presented by Butch Herter of Carlson Software and Jeremy Taylor
  - **Road Design and Site Design with Carlson Civil & Hydrology**  
presented by Scott Griffin of Carlson Software

Note that all classes are not scheduled at all events and locations. See each workshop announcement for specifics. Seats are limited so register online, call 919.417.8351 or email us to register.

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## **Upcoming Regional Training Classes – Columbus OH, Raleigh NC, Atlanta and Baltimore**

After many requests to hold training classes in different areas



of the country, I've finally managed to schedule a few dates. The classes are 8 hours of hands-on training and seats are limited. Registration deadlines and pre-requisites vary for each class – Click the link below for the class announcement.

Classes include Intro to Survey, Surface Modeling, Least Squares/SurvNet, Quantity Takeoffs and Drawing Prep for Surface Modeling among others.

Call 919.417.8351 or [ContactUs@thatcadgirl.com](mailto:ContactUs@thatcadgirl.com) to register.

- May 2-3 – Columbus, Ohio
- May 16-18 – Raleigh, North Carolina
- May 23-25 – Atlanta, Georgia
- June 1-2 – Raleigh, North Carolina
- June 14-16 – Baltimore, Maryland

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## **2 Day, Hands On Training Classes: \$249-\$349**

All classes listed below will be held at the Hampton Inn on Hampton Woods Lane in Raleigh, NC. Lunch will be provided and NC licensed Land Surveyors and Engineers will receive PDH credit hours for attending. A certificate will be provided to everyone completing the training and may be used for PDH credit in other states.

Registration for all classes is limited to 10 people – please call us at 919.417.8351 to register.

**Intro to Carlson with a CAD Refresher, \$249      July 12-13, 2010**

This class will focus on the basics of Carlson Software along with a review of some IntelliCAD and AutoCAD features that will assist you when working with Carlson Software. Please [click here](#) for pre-requisites and more details or download a PDF with agenda and directions [here](#).

**Surface Modeling with Carlson Software, \$249      July 26-27 or Aug 23-24, 2010**

This class will start with an introductory lesson on existing ground surface modeling and will then move to proposed surface modeling techniques including modeling for site and subdivision design, ponds, retaining walls and multi-level building pads. Please [click here](#) for pre-requisites and more details or download a PDF with agenda and directions for July 26-27 or Aug 23-24 [here](#).

**My Field to Finish, \$349      Aug 16-17, 2010**

This class will provide an overview of Carlson's Field to Finish feature and will provide each attendee with time to create a standard field to finish code file (.fld file) to be used in his or her office. We will also cover the creation of block libraries and custom linetypes that can be assigned to field codes. In order to ensure that each attendee is prepared for and brings the content needed for the class, a one hour pre-training session will be held online approximately 2-3 weeks before the class. Please [click here](#) for pre-requisites and more details or download a PDF with agenda and directions [here](#).

**My Company Standards, \$349      Sept 20-21, 2010**

This class provides training and guidance to help you create a comprehensive CAD standard for your company. We will cover standard layers, linetypes, pen weights, text styles, blocks and title blocks. A more detailed list and description of needed

content will be provided after registration. In order to ensure that each attendee is prepared for and brings the content needed for the class, a one hour pre-training session will be held online approximately 2-3 weeks before the class. Please click [here](#) for pre-requisites and more details or download a PDF with agenda and directions [here](#).