

Volume 13 Issue 2

Fall 1999



#### CONGRATULATIONS

To the following for winning the door prizes at the SC Surveyors Convention in Myrtle Beach:

Jackson Dover

Gerber Gator Serrater knife

David W. Spell, PLS

with *Earl Dudley Associates, Inc.*  
Old Timer 3 Blade pocket knife

Michael D. Oliver, PLS

with *Associated Land Surveyors, Inc.*  
GeoData beach towel

Thanks for stopping by our booth.

# REVIEW



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## Signed, Sealed and Delivered!

Pursuant to the revisions of North Carolina General Statute 89c, and effective July 1, 1999, all North Carolina mapping work is required to be signed and sealed by a North Carolina licensed Professional Land Surveyor. The change in the law has allowed persons with the requisite experience and education to apply to be grandfathered in as a Professional Land Surveyor, and requires firms providing photogrammetric services to be registered as professional companies. GeoData Corp. now has 3 licensed Professional Land Surveyors on staff, and is licensed as a professional corporation to practice land surveying. Even though GeoData is legally entitled to offer land surveying services in North Carolina, we must limit our practice to those areas for which we are competent based upon adequate education and experience. This means that we at GeoData will continue to deliver to our clients the high quality photogrammetric services that they have come to expect. Although the new photogrammetric minimum standards have not yet been published by the N. C. Board of Examiners for Engineers and Surveyors, GeoData's mapping products will include as a minimum: a grid referenced north arrow, scale, legend, vicinity map, statement of ground control (surveyor & datum), accuracy statement (national map accuracy standards) and date of photography as well as the seal and signature of a PLS. Mapping that is provided as only digital or electronic files will be accompanied by a hard copy report with the same information. GeoData has, and will continue to keep up to date on any changes that affect how we perform our work and will make every effort to keep our clients informed and up to date.

### Inside this issue:

Signed, Sealed and Delivered	1
Letter From The President	2
Minimum Standards	2
GeoData Goes To Kings Dominion	2
SoftPlotter – Vision International	3
GeoData & U-2519CB	3
Flying Season	3
GeoData Rated #1	3
Recent Projects	4

**“The Lord Gave us Two Ends, One For Sitting And One For Thinking.**

**Our Success Depends On Which End We Use. Heads You Win, Tails You Lose.”**

Ann Landers

## Letter From The President:

Once Again, I would like to thank all of our employees for doing a great job this past year. Everyone has put forth a great deal of effort to meet the deadlines with a consistent level of quality. I also want to thank all of our clients for allowing GeoData to assist you with all of your mapping projects. I am grateful for your professionalism, friendliness and courtesy, understanding and patience. We appreciate your repeated support of our efforts to provide you with the best photogrammetric services.

GeoData Corp. is now licensed to practice Land Surveying under the provisions of chapter 89C of the General Statutes of North Carolina, and we have 3 licensed Professional Land Surveyors on staff. Since we are Aerial Surveyors, we will not be performing "traditional" land surveying, but will continue with our proven record of providing high quality Photogrammetric Mapping Services. We will still rely upon the experience, expertise and qualifications of "traditional" Professional Land Surveyors for the ground control surveying that is necessary for us to produce maps.

We are consistently the process of up-grading our computers and equipment. We have installed a local area network to help all the data move a little more quickly and efficiently, and added a Dual Pentium III 550 computer. It does not seem that long ago, that all we needed was a Kelsh Plotter, some stablebase paper and a set of colored pencils to be State-Of-The-Art Photogrammetrists! Who has more fun than people?!

Darrell S. Miller , CP, PLS  
President

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## **GeoData Corp. VP and NCASPRS Officer is Member of NCASPRS " Minimum Standards" Committee**

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The NC General Assembly has ratified legislation that represents the most significant change to the NC Engineering and Land Surveyor's Act since 1921. The progressive surveying experience required for an applicant with a BS degree in surveying is now two years instead of one. The amount of experience for an applicant with an Associate Degree in Surveying Technology has been increased to four years instead of three. The title "Registered Land Surveyor" has been changed to "Professional Land Surveyor." The ***MOST*** significant change for GeoData Corp. is that the new legislation requires that all photogrammetry services be signed and sealed in the state of North Carolina by a Professional Land Surveyor. This law was no surprise to GeoData Corp. Our firm supports this change and has always maintained a very ***"HIGH"*** minimum standard. James Salmons, Vice President of GeoData Corp. and Vice President of Programs for the NCASPRS has been actively involved with submitting recommended "Minimum Standards" for all photogrammetric work performed in the State of North Carolina to the NC Board of Registration. James was selected to the NCASPRS Minimum Standards Committee in October of 1998. As NCASPRS, Vice President for Programs, James has also been working on putting together a conference in October 1999, which will invite a representative from the Board to help inform all Photogrammetrist what the minimum standards may eventually entail. The proposed minimum standards are posted on the NCASPRS web page: <http://users.aol.com/ncasprs/minimum/min.htm>. Please visit this site and post your opinions. Another topic planned for the October conference will be "Education" for the Photogrammetrist. Again, GeoData Corp. welcomes the changes to GS 89c and will do its best to maintain the Integrity and Professionalism of the Profession of Land Surveying.

***"...the new legislation requires that all Photogrammetry services be signed and sealed in the state of North Carolina by a Professional Land Surveyor."***

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## **GeoData Goes To Kings Dominion**

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On August 13th, employees and their families enjoyed a day of relaxation and fun in the sun at Paramounts Kings Dominion. Everyone had at least one hair-raising experience as they took on some of the parks fastest and wildest roller coasters. All in all, it was a great day for employees to get out of the office and have a care free day. Afterwards, everyone looked forward to coming back to work on Monday—NOT!!!



## Digital Orthophotos on New \*SoftPlotter WorkStation

GeoData has upgraded its Digital Orthophoto capabilities. We have recently purchased a new SoftPlotter Work Station.

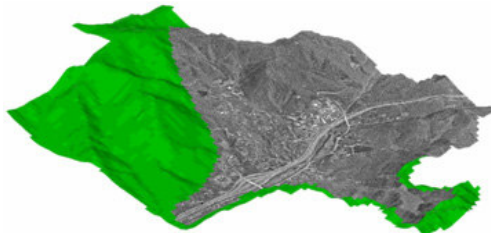
This Work Station is:

- Dual Intel Pentium III Processor 550mhz with 512k Cache
- 384 MB SDRam
- Dual 27.3 GB hard drives
- Windows NT 4.0
- Autometric's SoftPlotter System

This new system will enable GeoData to produce Digital Orthos more economically and efficiently. We have successfully completed many Digital Ortho projects including, golf courses, quarry sites and highway design public hearing maps. Digital orthophotos are quickly becoming a standard item in the GIS toolbox. They may be used as a stand-alone product from which accurately scaled distances and measurements can be made or combined with additional geographical information such as property lines, school district boundaries and contour data.

For further information about Ortho products, please contact Shawn Bradshaw or James Salmons

at 919-269-5744 or TollFree at



## 1999 Summer Special Olympics

Amy Gupton, photogrammetrist at GeoData Corp., helped Johnston County host some of the many Summer Special Olympic games. The athletes arrived with excitement as spectators welcomed them to our Country and State. A music festival was prepared and performed in Selma, NC for the delegates of Johnston County, during that time they danced and sang and seemed to be very delighted with the entertaining festivities. The athletes were competitive during the numerous events that took place on and off the field was outstanding.



Supporting the athletes of the Special Olympics was an

### GeoData Rated #1

GeoData Corp. has been selected for the Ninth consecutive year to provide mapping services to the NC Dept. of Transportation Photogrammetry Unit under its annual Limited Photogrammetric Engineering Services Agreement. Because of the quality and timeliness of our work over the past years, we have been able to maintain our number one rating and have been awarded the highest dollar amount available for this annual open-end contract.

## GeoData Corporation and U-2519CB

GeoData Corporation is pre-qualified to perform photogrammetric services to NCDOT. Our firm has been selected to provide photogrammetric services for the NCDOT Project U-2519CB a 4.7 mile section of the Fayetteville Outer Loop from South of SR 1400 (Cliffdale Road) to West of SR 1007, Cumberland County, NC as a sub-consultant to TransSite Consulting Engineers, Inc. of Raleigh, NC. This project will include aerial triangulation, field classification and base plan sheet preparation. Please feel free to include GeoData in your next "Letter of Interest" to NCDOT. For information about our experience or services, please call Darrell Miller at 919-269-5744.

### Here It Comes Again!

Flying Season for Aerial Photography is rapidly approaching. If you have any upcoming projects that require aerial photography and mapping, the best time to acquire the aerial photography is when leaves are off the trees. If we cannot see the ground, we cannot produce an accurate topographic map. If your project is not due to start until later in the year, we can fly the photography as soon as the leaves are off the trees, and hold it until you are ready to start the mapping process. This will enable us to provide you with the quality mapping you need in a more expedient manner. By planning the flight early, we are often able to combine several projects on the same photo mission and save some of the cost. This savings is passed along to the client, as many of you have seen reflected on your invoices. Don't wait until it's too late....

***"...the best time to acquire aerial photography is when the leaves are off the trees."***

Be tolerant of those who disagree with you.  
After all they have a right to their own  
ridiculous opinions.

The trouble with most of us is that we would rather  
be ruined by praise than saved by criticism.

Opportunities always look bigger going than  
coming.

If you really want to  
succeed, form the habit of doing things that people  
who are failures don't like to do.

Out of the Sales Upbeat magazine

## About Our Corporation

GeoData Corp. is a leader in the field of photogrammetric mapping, analytical triangulation, and computer aided drafting (CAD) services. GeoData's philosophy is to provide the highest quality service, in a timely manner, at a fair and reasonable price.

Founded in 1986, GeoData has completed hundreds of aerial mapping projects for a variety of clients with varying disciplines and requirements. Projects for mapping and triangulation have been provided for highway engineering, industries, surveyors, environmental firms, municipal, state and federal government agencies.

GeoData's services are supported by a select group of highly trained and experienced persons. Our staff includes three N.C. Professional Land Surveyors, one of whom is a Certified Photogrammetrist, and is equipped with state of the art

**Quick Tip:** In Microstation SE if you hold the *shift down* & *reset* on your mouse a view control will pop-up. To set this you must first select *workspace, preferences*, then highlight *tools* under category, to the right you'll see view popups, set this to *shift reset* and hit *ok*.

We're on the web

<http://users.aol.com/geodat>

## Recent Projects

Tariffville, CT

Ridgecrest

Greenwood

R-2245 Oak Island

Bass Lake

R-2511 US 17

Swansboro Sewer Study

U-2704B US 29/74

R-2301A New Bern By-Pass

Tariffville, CT

Black Mountain, NC

Greenwood, SC

Brunswick Co., NC

Holly Springs, NC

Beaufort/Martin Co., NC

Swansboro, NC

Mecklenburg, NC

New Bern, NC

Fuss & O'Neal

Terra Consultants, Inc

Davis & Floyd

NCDOT

Town of Holly Springs

NCDOT

Green Engineering

NCDOT

URS Greiner



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