

FOUR CORNERS AREA SURVEYING SEMINAR 2009

SPONSORED BY:
SOUTHWEST CHAPTER OF THE PROFESSIONAL LAND SURVEYORS OF COLORADO

WHEN: JUNE 12th AND JUNE 13th, REGISTRATION IS FROM 7:00 TO 7:45 A.M. EACH DAY AND CLASSES BEGIN ACCORDING TO THE SCHEDULE SHOWN BELOW.

WHERE: NOBLE HALL ON THE FORT LEWIS COLLEGE CAMPUS, DURANGO, COLORADO.

(See FLC web page www.fortlewis.edu for maps).

WHO: John B. Stahl, Michael McInnis and Randall M. Zanon.

PROGRAM:

FRIDAY, June 12th

7:00 a.m. – 7:45 a.m.:

Registration, coffee and pastries provided at the ballroom in the CUB

7:45 a.m. – 8:00 a.m.:

Opening remarks, directions to classes

8:00 a.m. – 5:00 p.m.:

Mr. John B. Stahl, “*The First Surveyor Doctrine – Facts and Fallacies*”

8:00 a.m. – 5:00 p.m.:

Mr. Michael McInnis, “*Current GPS Topics*”

SATURDAY, June 13th

7:00 a.m. – 7:45 a.m.:

Registration, coffee and pastries provided at the ballroom in the CUB

8:00 a.m. – 12:00 p.m.:

Mr. Randall M. Zanon, “*Evaluation of Evidence and Acceptance/Rejection of Local Corners*”

8:00 a.m. – 12:00 p.m.:

Mr. John B. Stahl, “*An Ethical Review of the Maxims of Jurisprudence*”

Buffet lunch is included from 12:00 to 1:00, along with beverages and snacks during registration and breaks on both days, at the ballroom in the College Union Building.

ACCOMMODATIONS:

For those people coming from out of town who need lodging accommodations, please visit www.gatewayreservations.com/DR.

Check out the following web sites for more places or information if you are interested in making a vacation out of this workshop:

www.durango.org, www.farmington.nm.us/depts/parks/golf/phills.html, www.telluride.com, and www.riversports.com.

This form can be found on the internet at: <http://www.plsc.net/calender/calendar.html>.

SESSIONS

First Surveyor Doctrine, John B. Stahl

We all think we understand the distinction between the original surveyor and the retracing surveyor, but do we really? When there is no "original" surveyor, where does the "first" surveyor fit into the picture? Is their monument the "original" monument? What if their "best effort" isn't good enough? What if they failed to follow the instructions properly? What if they blundered? When are these good reasons to reject their monuments and when are they not reason enough? How can we best protect ourselves from liability when making that difficult decision? We will discuss recent court developments clarifying the principles surveyors can apply when making their decisions to accept or reject boundary monuments. You will have an opportunity to examine alternative methods and compare them with the methods used by others and the courts.

Current GPS Topics, Michael McInnis

The Russian constellation has increased in size from 16 SVs to 24, making a profound difference in the satellite count in obscured areas.

Geoid09 will be released for operational use sometime this year, it is Beta only at the present time.

VRS systems, while not new have increased in scope. In the Colorado area there are the Trimble Now, SpiderNet, and the NGS streaming of RTK corrections in areas where there are no commercial systems available. All benefit the consumer in the initial equipment cost (no base station required), by eliminating the roughly 1 hour/day cost of setting up and tearing down a base (not to speak of guarding the base from vandals and theft), and in always providing accurate starting positions.

Trimble Access – real time streaming of surveyed data to the office (requires internet connections)

HIGH ACCURACY GIS

ACCURACY – maintaining accuracy over time (HTDP)

OPUS – free horizontal control/geoid testing.

Evaluation of Evidence and Acceptance/Rejection of Local Corners, Randall M. Zanon

A comprehensive examination of the laws, rules, and regulations employed by the BLM when evaluating corner evidence, and an in-depth look at the criteria utilized when deciding to accept or not accept local corner evidence. Includes a fun exercise designed to make one think about corner evidence, plus a couple of case studies examining acceptance of local corners.

An Ethical Review of the Maxims of Jurisprudence, John B. Stahl

The Maxims of Jurisprudence are found mentioned throughout our case law and are even codified in statutory form in a few states. These maxims form the conceptual foundation of our legal justice system and encapsulate the ethical considerations woven into our modern law. The fundamental principles of land boundary determination can be found in all 34 Maxims of Jurisprudence. By studying these maxims, the legal practitioner can gain a sense of the ethical premise upon which our land tenure system is based. We will look at each maxim and its direct correlation with the land boundary principles which were developed upon it.

PRESENTERS

John B. Stahl, PLS, CFedS, John is a registered professional land surveyor in the states of Utah and Montana, currently owning and operating Cornerstone Professional Land Surveys, Inc., and Cornerstone Land Consulting, Inc., in Salt Lake City. Mr. Stahl specializes in surveying land boundaries, resolving boundary conflicts, performing title and historical research, land boundary consultation services, mediation and dispute resolution. He has been qualified as an expert witness in numerous boundary, access, and negligence cases and has actively participated in the preparation of amicus curiae briefs to the Utah Supreme Court. He has furthered his mediation education by participating in a state-qualified 40-hour training program. He has also completed a 200-hour training and examination program to earn recognition as a Certified Federal Surveyor. Mr. Stahl has served his profession as state chairman of the Utah Council of Land Surveyors and a Utah delegate to the Western Federation of Professional Surveyors. He is an adjunct professor for the Salt Lake Community College, where he continues to teach an extensive course in land boundary law since 1991. Mr. Stahl received his A.A.S. degree in land surveying from Flathead Valley Community College in Kalispell, Montana and has authored publications covering topics on boundary laws, research, and resolving conflicts of evidence.

Michael McInnis operates SYSTEM DIVIDENDS, LLC, a firm dedicated to bringing professional system training and expertise to the GPS and survey/mapping industries (with over 1700 profitable GPS client/companies to date in the US, Canada, and Mexico). This represents approximately 6500 attendees in our classes. In addition to formal training classes, Michael also provides post training trouble shooting services as well as project consultation (writing the observation protocols for major subsidence surveys in Southern California, supervising observations and data reductions on the Missouri River for the Army Corps of Engineers, setting up RTK/GPS calibration networks for over twenty gold, copper, and coal mines in the Western US and providing GIS data capture training for the Air Force Geobase system on 20 domestic bases). Before starting System Dividends in 1992, Michael surveyed in Colorado for over 25 years with extensive field and office experience as well as providing courtroom testimony as an Expert Witness. Michael has also at various times represented three survey hardware/software manufacturers as a technical expert and system instructor.

Randall M. Zanon graduated from Oregon State University with a B.S. in Forest Engineering in 1976, and started his surveying career working for Burlington Northern Timber and Lands (now Plum Creek) in Missoula, MT. He returned to Oregon in 1980 and began working as a staff surveyor for the U.S. Forest Service in Medford, OR., and later Corvallis, OR. He has been licensed as a PLS in Oregon since 1981. In 1992 he left the Forest Service and went to work for the BLM – Oregon State Office in Portland, OR. as a surveyor on the Geographic Coordinate Data Base (GCDB) staff. In 1999 he accepted a promotion and transfer back to Medford, OR. as the Lead Land Surveyor for the BLM – Medford District. And in 2004, he accepted a promotion and transfer to the BLM – Colorado State Office, as the Chief Cadastral Surveyor.

REGISTRATION FORM
FOUR CORNERS AREA SURVEYING SEMINAR 2009

Name _____ Phone _____

Mailing Address _____

City _____ State _____ Zip Code _____

Company _____ Fax _____ e-mail _____

PLEASE FILL OUT SESSION CHOICES

Friday, June 12:

___ Mr. John B. Stahl "The First Surveyor Doctrine" 8 PDH, or

___ Mr. Mike McInnis, "Current GPS Topics" 8 PDH

Saturday, June 13:

___ Mr. John B. Stahl "An Ethical Review of the Maxims of Jurisprudence" 4 PDH, or

___ Mr. Randy Zanon "Evaluation of Evidence and
Acceptance/Rejection of Local Corners" 4 PDH

WILL YOU NEED A CEU/PDH CERTIFICATE? ___ YES ___ NO

I am a member of the following Professional Society: ___ PLSC ___ NMPS ___ APLS ___ UCLS

I certify that I am a student enrolled in a surveying program at;

School: _____ Signature: _____

REGISTRATION FEES (Please circle the appropriate fee) we will extend the membership fee for Professional Society Members. We urge you to join your local professional society.

	½ DAY	ONE DAY	1 1/2 DAYS
Member of Professional Society	\$100	\$160	\$225
Non-Member	\$175	\$235	\$300
Students of a Survey-related curriculum	\$30	\$ 50	\$ 75

(If received after June 1, 2009, there is an additional \$25 charge for each day you attend)

TOTAL DUE: _____

PAYMENT METHOD (check one)

Credit Card _____ Check # enclosed _____ (Please make checks payable to SWCPLSC and send with registration form to: SWCPLSC, P.O. Box 3404, Durango, CO 81302)

Name as it appears on Credit Card _____

Billing address of Credit Card _____

Credit Card # _____ Exp. Date _____

Authorized Signature _____

Questions may be directed to David Freienmuth (970) 385-6891(work) e-mail; david@animassurveying.com