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2525 Wallingwood Dr., Suite 300
Austin, TX 78746
Phone: 512-327-7871
FAX: 512-327-7872

Legal Counsel
Mark Hanna, P.C.
900 Congress Ave., Suite 250
Austin, TX 78701
Phone: 512-477-6200
FAX: 512-477-1188
Several comments have been made about my last column being useful if the surveyor made it to an informal settlement conference. I was asked if I had any advice on how to avoid a complaint in the first place. This column will address a few of the ethics violations I saw during my twelve plus years on the Texas Board of Professional Land Surveying (TBPLS) and, hopefully, relay some concepts on how to avoid them. The complaints fall under four categories; communication, experience, contracts, and misuse of seal.

Since the surveying profession is both art and science it is sometimes difficult to have hard and fast rules that apply to every ethical situation. All of the TBPLS’s promulgated rules have an ethical component to them as evidenced by the TBPLS rules found under “Standards of Responsibility and Rules of Conduct,” General Practice Standards, §663.1. This section begins with the following statement, “Inasmuch as the practice of the land surveying profession is essential to the orderly use of our physical environment, and inasmuch as the technical work resultant thereof has important effects on the welfare, property, economy, and security of the public, the practice should be conducted with the highest degree of moral and ethical standards. And inasmuch as the state legislature has vested in the board the authority, power, and duty to establish and enforce standards of conduct and ethics for professional surveyors and licensed state land surveyors to ensure compliance with and enforcement of the Texas Board of Professional Land Surveying, the following standards of responsibility and rules of conduct are hereby promulgated and adopted by the board.”

A great majority of complaints filed with the TBPLS are based on communication issues with the clear majority of those complaints the result of non-communication. One obvious way to avoid a communication complaint is to talk to the client before, during, and after the project. You would be surprised how frequently surveyors avoid contact with their clients after the work begins. Frequent communication is paramount when dealing with the client. When speaking with the public remember that, for the most part, they do not understand our jargon. Speak in non-technical terms when possible. We often confuse each other with surveying terms. “Field notes” to one surveyor means data from an on-the-ground field survey recorded in a field book. To another, it means a metres and bounds description. So, it is easy to see how a surveyor could confuse a layperson with technical terms.

The simplest action a surveyor can take to reduce communication complaints is to merely return his or her client’s calls. One surveyor had a complaint filed on him by his client because the surveyor would not return a call. In this case the client merely wanted an additional copy of the survey that he was willing to pay for and the only way to get the surveyor to respond was to file a complaint. It worked. The Board contacted the surveyor and the complaint was dropped. However, the Board warned the surveyor that he could have been found in violation of Rule 663.1 which speaks to failure to conduct practice with the highest degree of moral and ethical standards.

Part of communicating with the client is to listen to the client. Write down all relevant or important information as soon as possible to avoid mistakes, misunderstandings, or forgetting the message or information. Forward your information to the client to make sure they are in agreement with your interpretation of the events or data.

Another complaint often filed is the result of the surveyor accepting a survey that is beyond his experience, skill, education, or training. The rules state that the surveyor “shall not offer to perform, nor perform, services for which he/she is not qualified by education or experience in any of the technical fields, without retaining the services of another who is so qualified.” The TBPLS receives scores of complaints that are the result of surveyors working projects that are out of their area of proficiency. If you are requested to perform a boundary survey that is largely a gradient boundary and you are unfamiliar with gradient boundaries, the best avenue to take might be to pass on it or enlist the help of another surveyor who does have that expertise. Not only would this be taking the ethical high road, it is the professional course as well. Another benefit of enlisting another surveyor is that you can use the survey and fellow surveyor to continue your education. The TBPLS created the self-directed CEU rule for just such an instance.

In addition to being qualified by education or experience you should not take on work that you know you cannot finish in the appointed time period. Although I only saw it once in the twelve years I sat on the Board, a surveyor was found to have violated the rule that states that the registrant “shall accurately and truthfully represent to any prospective client, employer, or the public his/her capabilities and qualifications to perform the services rendered” when he substantially went beyond (six months beyond) the three week completion time he had given the client.
When performing a surveying service it is recommended that you utilize a written contract. It is suggested that you spell out exactly what work will be performed, what the final product will be, and any special arrangements that will be made. Also, make sure all fees are spelled out in the contract. The TBPLS receives many complaints each year resulting from fees that are perceived by the client to be excessive. While these complaints are routinely dismissed, it is better to not have the complaint filed in the first place. The TBPLS also receives complaints about the survey product. One such complaint was filed because the surveyor did not provide an electronic copy of the survey to the client. This, of course, is not a violation of the Act or Rules. After an investigation, it was determined that the contract specifically excluded any electronic version of the survey. The surveyor was not necessarily opposed to providing the electronic version of the survey, but did not initially do so because of the standard wording of his contract. Obviously, the complaint was dismissed and no further action was taken by the client or the Board because of what was spelled out in the contract.

Do not treat your client, or any of the general public you encounter during a survey, in a manner you would not appreciate yourself. Remember your dealings with the public reflect not only upon yourself, but also upon the entire land surveying community. Your actions can shape the public’s opinion of the entire profession. The TBPLS receives many complaints that are the result of how the surveyor related to the client. “The surveyor indicated that I was stupid” is just one example of the actual comments from clients who submitted complaints to the TBPLS. Another client actually filed a complaint because “The surveyor glared at me.” Obviously, these are not violations of the Act or Rules.

Remember what your RPLS seal means. You have spent a considerable amount of time and effort in attaining your license, so do not endanger your livelihood by having a flippant attitude concerning your RPLS seal. It is assumed that the seal is personal and is considered to be in the surveyor’s possession at all times. A land surveyor’s seal signifies that the survey or report was prepared by or under the direct supervision of the duly licensed professional land surveyor. A licensed surveyor assumes both technical and ethical responsibility for the survey. Once you affix your seal to a survey or any survey report, it in essence becomes a sworn document. So, it follows that relinquishing control of your seal puts you in substantial ethical jeopardy. You are not in control of your seal when it is in an AutoCAD (.dwg), Microstation (.dgn), or other drafting format or a Microsoft Word (.doc) format that can be affixed to a survey or survey report by your survey technician, CADD technician, or secretary. Worse yet, is the practice that many RPLSs engage in of having their seal already affixed to a border, some even with a signature. To allow someone other than you access to your seal is a career ending decision. Too many surveyors today, in this age of electronics, are risking serious ethical and professional license repercussions. One of our fellow surveyors, when talking about the uncontrolled use of electronic seals, said it best when he said that some surveyors are treating their seal as a logo. This practice has many surveyors inadvertently crossing the ethical line and rules established by the TBPLS to protect the public from this practice. One such rule is located under the “Certification” heading and states … “The registered professional land surveyor shall personally apply his/her seal and signature only to final documents released to the public representing professional surveying as defined in the Act. The professional land surveyor shall maintain control and possession over his/her seal at all times.” It follows that if your seal is on a document (even an unsigned one) the public can assume it is a final document based on the above rule. If a complaint is filed and that document is the basis of the complaint, you are (at a minimum) in violation of this rule. The Board receives many complaints filed on surveyors that have released preliminary or unfinished documents that have their seal affixed. The Board is not very forgiving when it comes to the misuse of a seal. Do you know where your seal is?

Perhaps the most important tip, based on past complaints to the TBPLS, is to know the rules you, as a registered professional land surveyor, operate under. The rules are frequently reviewed and revised, and it is up to each surveyor to keep himself current in his knowledge of the rules. As a matter of fact, at the time this was written the General Rules of Procedures and Practices were under review by the Board.

1 TBPLS Rule §663.3.(2)
2 TBPLS Rule §663.3.(1)
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The Board of Directors held its first quarterly meeting on January 27th in Round Rock, Texas. Many items were discussed including the renewal of the Articles of Affiliation with NSPS and their 2018 Financial Position, reviewing and commenting on the revised Standards Manual, approval of the 2018 Operating Budget and recommendations for 2017’s Net Revenue. A Board Book is created for every Board meeting which includes the meeting agenda and the committee and chapter reports. Members have access to these Board Books under Resources > Members Only section of the website. You must be signed in to see the items listed in this section.

As in the past, the Annual Budget is published in this issue of the Texas Surveyor magazine and can be found on page 18 for your review. The Budget & Finance Committee work hard to present a conservative balanced budget each year to the Board. Because of this in 2017 TSPS ended the year with a net revenue of $123,724. The committee made the following motion: To deposit the 2017 Net Revenue ($123,724.12) less the Unrealized Investment Gains ($52,989.46) for a total of $70,000 (rounded to meet Morgan Stanley deposit criteria) in a short-term interest-bearing account for future use with such use to be evaluated by the Finance Committee and determined by the TSPS Board of Directors no later than the 2018 Annual Membership meeting. As the year progresses, the Budget & Finance Committee will evaluate various member benefits and then make a recommendation to the Board. As you may recall this same situation happened with the 2016 Net Revenue and the Board voted to pay the $40 dues to NSPS for all registered members in 2017. Different ideas/benefits are being discussed that we feel will add value to your membership.

TSPS is thankful that for the first time in several years, each TSPS Chapter has a Chapter President and/or Representative. These members have volunteered their time to participate in the quarterly Board meetings and represent their respective chapters. The Board of Directors is now composed of the five members of the Executive committee, the twelve elected Directors and the sixteen Chapter Representatives totaling a 33-member Board. The second quarterly Board of Directors meeting is scheduled for April 28th. We encourage all members to attend and be a part of the discussions that shape the future of TSPS. All upcoming TSPS events/meetings can be found on the TSPS Calendar on the website. We look forward to seeing you soon!
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Start making your plans now to attend the annual High Plains Experience Seminar held in the Canadian River Basin about 30 miles northwest of Amarillo, TX, on the LIT Ranch. We plan to kick off with a BBQ meal Thursday night, April 19th, at Talon Point near Channing, TX, (www.talonpoint.org or see their Facebook Page for directions, or use Google Earth N 35°46'27.15" W 102°09'09.32"), where we will have a skeet shoot, dinner, a meet and greet, and begin introducing everyone to our new course offering for 2018! Classes will begin Friday morning, and continue through Saturday afternoon. Your course fee will cover lodging Thursday and Friday nights, and all meals (Thursday night BBQ, Friday and Saturday breakfasts and lunches, and the Friday night steak dinner) are included or paid for by our generous sponsors.

The High Plains Experience is a joint effort put on by TSPS Chapters 1, 10, 16, and 18, where your instructors Robby Christopher (RPLS-LSLS), J.D. Davis (RPLS-LSLS), Michel Newton (RPLS-LSLS), Stan Piper (RPLS-LSLS), and Maxey Sheppard (RPLS-LSLS), along with a cadre of experienced personnel, welcome you to the experiences of West Texas Boundary Reconstruction Surveying. We all understand that getting your continuing education is a lot easier online these days, but you miss out on the opportunities to see other surveyors techniques, to ask questions from surveyors who have had to work through problems and disputes in the past, and the chance to visit with other surveyors. Here at High Plains, we have opened up a new course that is almost entirely hands-on, in-the-field, old school boundary retracement and monument recovery. High Plains will still have the Following the Footsteps class offered by Michel Newton and the Research and Recovery class offered by Stan Piper, but the Gradient Boundary class is on hold for this year. Attendees will receive 16 Continuing Education credits, plus they will also receive their 3 hours of Ethics and Rules as required by the TBPLS. As always, course attendees will be given time to explore the Bivens Museum and Boot Hill at Boy’s Ranch, Texas, which is located on the former site of the frontier town of Tascosa, TX. Lunches will again be held at “The Loft”, with a heartfelt thanks to Mr. Bill O’Brien for allowing us such a wonderful place to meet.

In this new hands-on class, attendees will be grouped into survey parties, given a set of handwritten field notes, from which they will be expected to take their compass and chain, and traverse across the Canadian River Basin from old corner to old corner. Each party will have instructors available to answer questions and help with the antique equipment, but the use of personal GPS is discouraged. High Plain Experience has also been a seminar known for its good base of experienced attendees, many who started their career by throwing chain and marking line, so we are hopeful they will be able to provide valuable tips and tricks on these older methods to increase the knowledge base of this class exercise. This class will be held outdoors in whatever weather conditions the panhandle can throw at us, except a blizzard, because it just isn’t practical to search for a stone mound under 2 feet of snow. High Plains will provide a UTV for attendees unable to walk between corners, and for carrying drinking water. Attendees must wear long pants and good shoes and bring weather appropriate clothing. It is strongly recommended that you also bring a hat and leather gloves, oh, and sunscreen! Each traverse is approximately a mile long in total length, with small hills in the path. The corners set for this class are not original corners, but all efforts have been made to recreate original corners for each party to locate. Both Stan and Michel have original corners set in the late 19th century that have been recently recovered that they will show in their class. Again, this class is April 19-21, so check the Amarillo weather before you come to the seminar!

Both Classes offered by Michel and Stan will be familiar to those who have attended The High Plains Experience before, as their class time and their field time will be applicable to not only the hands-on class, but to all Boundary Reconstruction surveys. Each will present their own unique and varied experiences in Boundary Retracement in West Texas, with Stan giving excellent advice on using resources such as the Texas General Land Office, and Michel showing how old measurements can be different than today’s measurements yet still control the survey.

We encourage all surveyors, whether you are a RPLS, SIT, or a technician who is wanting to advance their career, to come check out our course. We have space for the first 40, but if we have high demand, we can see what we can do about fitting more in. First come, first serve though!

Limited scholarships are available, both for RPLS and SIT/Student level attendees. For SIT or students wishing to apply for scholarships, please note, we do ask for a letter of recommendation from an employer or instructor. Also, this year, we would like to know if there are any surveyors who are interested in flying in and out of the Amarillo airport, and having transportation provided to and from the seminar. If so, please contact us by the end of March so we can see if we can work something out. We would love to see surveyors from all over the state be able to have the opportunity to participate in this seminar!

For more information or to register, please contact J.D. Davis at 806-374-4334 or jdavis@geopro.us, or Robby Christopher at 806-763-5642 or rchristopher@hugoreed.com or search “The High Plains Experience” on Facebook.
Symposium Re-cap

The TSPS 2018 Symposium, held on February 16-17 in San Marcos, Texas drew an audience of more than 320 attendees! Special thanks to the Symposium Committee, Course Development Workshop Committee, and the Corporate and Chapter sponsors for making such a great event possible! For more photos, visit www.tsps.org/Sym18Photos.
NGS plans to replace NAD83 with a new semi-dynamic terrestrial reference frame (TRF) for North America. The implementation of the plan is currently scheduled for 2022. The interim period is intended to smooth the transition to the new paradigm (and completion of measurements critical to the creation of the new geopotential datum). The name of the portion of the new system is not yet certain but the portion that will be fixed to the North American tectonic plate may be called North American Terrestrial Reference Frame of 2022 (NATRF2022). One objective of the plan is the rectification of some long running discrepancies between the orientation of the TRF in North America and the space-based systems now used to realize it.

The orbits of GPS/GNSS satellite constellations are geocentric. The global reference frames ITRF2008, IGS08 and WGS84 (G1762) are also geocentric. Since GPS/GNSS is the dominant surveying utility worldwide the equivalent orientation of these reference frames makes sense. However, NAD83 is not geocentric. In fact, a comparison of NAD83 and ITRF88 three-dimensional coordinates revealed that the difference between their centers was more than 2.2 meters (~7 ft.). Nevertheless all realizations of NAD83 have been constructed on this same non-geocentric foundation. It follows, that NAD83 (2011) positions diverge systematically from any positions that rest on the geocentric reference frames. This positional difference is especially troublesome as the accuracy of so-called mapping grade GPS work done in WGS84 (G1762), a geocentric TRF, becomes more and more accurate. Soon inexpensive GPS/GNSS multi-constellation receivers will be capable of sub-meter accuracy without differential correction. The discrepancy of up to, and perhaps more than, 2 meters (6.5 ft.) between NAD83 (2011) and WGS84 (G1762) will be troublesome and further exacerbated by some software products that still insist that NAD83 and WGS84 are equivalent, which has not been true since 1987.

The horizontal shift in meters from NAD83 (2011) epoch 2010.00 to ITRF 2008 epoch 2020.00 illustrated in Figure 1 is probably representative of the shift that will occur in 2022 when the new TRF is implemented. That shift varies from approximately 0.7 meters (2.3 feet) to approximately 2.6 meters (8.5 feet) in the Continental United States, the largest shift being along the westernmost portion of California.

There will also be a change in the public access to the new TRF. When implemented the new frames coordinates will primarily exist on active control rather than passive control. In the past, the official static coordinates published by the NGS were assumed to be unchanging. The measurement systems available at the time created sufficiently reliable positions on passive monuments. Their constant slow movement was not apparent then because the errors in the measurement systems exceeded the extent of the motion. That is no longer the case.

Measurement technology has improved dramatically. It now reveals the persistent movement. This fact has diminished the reliability of the passive control monuments and makes it hard to justify the extraordinary resources that would be necessary to keep their coordinates up-to-date. As the current passive control network becomes unsustainable, in some instances, the new TRF may be directly available to users primarily via active control.

The new paradigm will also alter the roles and responsibilities that have long supported the NSRS. For many years the NGS has established and maintained the passive control network under the new plan that will end. That responsibility shifts onto the users. If users need passive control monuments they will need set and tie them to the NSRS themselves, but such control will not be considered an official part of the NSRS.

NGS will continue to provide users with utilities to process their data, i.e. Online Positioning User Service (OPUS), will be augmented with new services including tools to transform their coordinates from NAD83 to the new TRF and tools to assign velocities to them. Currently NGS does not report motion on passive control. Users will know that when they have a velocity on passive marks they are working in the new reference frame and not in NAD83. When users know the movement of the monument in time they will have the option to adopt a specific epoch for their work if they wish. In other words, a user may choose to work in a non-dynamic system or, using the active control, work in the fully dynamic system.

These changes, i.e. a truly geocentric reference frame and the restriction of access to the reference frame through active control, will allow the NGS to reach their goals. Those goals include publishing CORS coordinates daily; continuous tracking changes in the active control network and supporting development of real-time networks.

The NGS is also working on a new vertical geopotential datum that will replace the North American Vertical Datum 1988, NAVD88.
Why Attend a Chapter Meeting?

Chapters meet regularly and host seminars with guest speakers to keep surveying professionals in the know of the latest trends, techniques and more.

Networking

TSPS takes great pride in connecting surveyors across the state via the annual convention, monthly chapter meetings, educational seminars, an online news feed and forums via member profiles, and other meetings and events.

Earn CEUs

TSPS chapter meetings are awarded one CEU per meeting up to 4 CEUs per year with no limitation on the meeting topics.

Chapter 1 - South Plains  Chapter 13 - Capital Area
Chapter 2 - North Central Texas  Chapter 14 - Guadalupe Valley
Chapter 3 - Central Texas  Chapter 16 - Panhandle
Chapter 4 - East Texas  Chapter 17 - Paso Del Norte
Chapter 5 - Dallas  Chapter 18 - West Central Texas
Chapter 6 - Deep East Texas  Chapter 19 - Rio Grande Valley
Chapter 7 - North Texas  Chapter 20 - Brazos Valley
Chapter 8 - Central East Texas  Chapter 21 - Heart of Texas
Chapter 9 - Gulf Coast  Chapter 22 - Chaparral
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Chapter 11 - Alamo  Chapter 24 - Gateway

Visit www.tsps.org/chapters for chapter contact information.

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National Surveyors Week, March 18th - 24th, 2018, is dedicated to our profession and in honor of it, let’s increase the awareness of and promote surveying. We, as surveying professionals, know how important surveying is, but does the general population really know what we do or even how to choose a career in surveying? Let’s show them!

Participate in National Surveyors Week. Let’s put a statewide effort into place. NSPS has brochures and other items that can be handed out or used to help promote the profession during this week and throughout the year (http://www.nsps.us.com/?page=NSW). Team up with your fellow TSPS Members, local surveying companies, and vendors to create a land surveying campaign in your area! Be sure to post on social media to spread the word. DFW, Houston, Austin, San Antonio, Surveyors ACROSS THE STATE – we challenge you to build a campaign in your town!

Meet with school counselors and classes to discuss the importance of surveying and to promote the profession as a career. Did you know that TSPS also has a presentation to use for students or others that may be interested in surveying? This presentation is available for your use, in your area today!

Create your own surveying video! Enter the “What does surveying mean to you?” video competition taking place from March through July 2018. One lucky winner will be awarded a cash prize of $500 at the 2018 TSPS Convention in October during the Annual Membership Meeting! You can do this challenge by yourself, with other members of your company or with others that you know in the surveying profession. The video should be brief in length (less than 5 minutes) and include the following:

a. What is surveying all about?
b. Different ways to specialize in surveying.
c. Perks/benefits of the profession.
d. Job outlook & diversity.

The purpose of these videos will be to introduce surveying to others and may be used by TYS, NSPS, and others in the profession to promote Land Surveying. All video entries must be submitted via email to txyoungsurveyors@gmail.com by July 31, 2018. Follow the Texas Young Surveyors Facebook page for tips and ideas to set your video apart. Don’t be shy! Anyone can make a difference with just a short video.

It is critical that we continue to promote our profession. With these steps, we can create a grassroots campaign beginning in our state and moving across the country. Get involved today and we can show everyone the unique career opportunities that surveying offers and how important it is to society!

Learn more about Texas Young Surveyors, visit www.tspso.org/TYS.

Texas Young Surveyors’ Officer Team

Director: Anna Burroughs Rios

Region Coordinators:
- Stuart Warnock - North (DFW Area)
- Nick Vann - East (Houston/Beaumont Area)
- Richard Neubauer, III - South (San Antonio Area)
- Cole Strevey - Central (Austin/Waco Area)
- Brady Stanford - West (Midland/Odessa/Abigale Area)
- Bryan Gillis - Coastal (Corpus Christi Area)
- Jerrod Stapleton - Panhandle (Amarillo/Lubbock Area)

Administrative Coordinator: Danielle Pirtle

Social Media Coordinator: Hollie Swoger

2018 Regional Calendar

Mar 17  Fort Worth TBD
Apr 28  Round Rock 4:30 pm - Brass Tap (following TSPS Board Meeting)
May 12  Abilene 3:00 pm - Frontier Texas (Family and Friend Event!)
Jun 28  Houston TBD
Jul 20  Austin - TENTATIVE General Land Office Tour & Happy Hour
Aug 3  Georgetown - TSFI Ray Wisdom Auction
Aug 4  Georgetown - Happy Hour (following TSPS Board Meeting)
Sept 15  Dallas TBD
Oct 4   Galveston - Young Surveyor Social

2018 State/National Calendar

Mar 18-24 National Surveyors Week
Oct 3-6  TSPS Convention, Galveston, TX
Oct 17  3rd FIG North American YSN Meeting, Maryland
Oct 18  NSPS YSN Meeting, Maryland

Be sure to follow Texas Young Surveyors on Facebook for event information and details.
## 2018 TSPS Budget

<table>
<thead>
<tr>
<th></th>
<th>18 BUDGET</th>
<th>17 ACTUAL</th>
<th>17 BUDGET</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REVENUE</strong></td>
<td></td>
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<tr>
<td>Dues</td>
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<td>Convention-Special Events</td>
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<td>Convention-Booths</td>
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<td>Convention - Auxiliary Income</td>
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<td>Symposium registration</td>
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<td>Seminar-TSPS Sponsored</td>
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<td>Contributions--General (NSPS DRF)</td>
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<td>Rent income</td>
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<td>Unrealized gain(loss)</td>
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<td>Realized gain (loss)</td>
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<td>Gain (loss) assets sold</td>
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<td><strong>TOTAL REVENUES</strong></td>
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<td><strong>$988,983.35</strong></td>
<td><strong>$912,454.00</strong></td>
</tr>
</tbody>
</table>

|                        |            |            |            |
| **EXPENSES**           |            |            |            |
| Officers & Committees  |            |            |            |
| Board of Directors     | $6,000.00  | $5,713.34  | $5,500.00  |
| Strategic Planning     | $5,000.00  | $6,207.73  | $5,000.00  |
| Convention Committee   | $200.00    | $648.92    | $2,000.00  |
| Gov't Affairs Committee| $2,000.00  | $684.92    | $2,000.00  |
| Convention Committee   | $3,500.00  | $684.92    | $2,000.00  |
| Past President's Committee | $2,515.00 | $684.92    | $2,000.00  |
| Public Relations Committee | $5,200.00 | $4,285.90  | $7,200.00  |
| Safety Committee       | $750.00    | $750.00    | $750.00    |
| SkillsUSA              | $3,240.00  | $1,186.18  | $2,035.00  |
| Trig Star Committee    | $0.00      | $500.00    | $500.00    |
| Other Committees       | $300.00    | $300.00    | $300.00    |
| NSPS Liaison           | $4,100.00  | $1,628.73  | $2,300.00  |
| Young Surveyors Network Liaison | $3,350.00 | $3,565.04  | $3,600.00  |
| TxDOT Liaison          | $325.00    | $310.50    | $325.00    |
| TSFI                   | $4,500.00  | $4,389.46  | $4,912.00  |
| Presidential Budget    | $9,500.00  | $8,048.12  | $9,500.00  |
| **TOTAL OFFICERS & COMM** | **$50,480.00** | **$43,894.46** | **$49,310.00** |

<p>| Direct Member Service  |            |            |            |
| Chapter dues rebate    | $30,355.00 | $26,220.25 | $30,900.00 |
| NSPS Dues Rebate       | $46,000.00 | $45,460.00 | $46,000.00 |
| Printing- General      | $1,800.00  | $1,793.72  | $1,500.00  |
| Printing–convention    | $8,000.00  | $7,667.55  | $8,000.00  |
| Printing–Symp          | $7,000.00  | $5,334.88  | $7,000.00  |
| Printing–seminars      | $2,200.00  | $2,280.00  | $3,000.00  |
| Seminar-Chapter Sponsored | $25,000.00 | $23,258.48 | $35,000.00 |
| Facility Rental–convention | $65,000.00 | $64,392.04 | $75,000.00 |
| Facility Rental–Symp   | $17,000.00 | $11,175.73 | $10,000.00 |
| Facility Rental–Seminar | $8,000.00  | $7,708.58  | $8,500.00  |
| Speakers/Instructors–convention | $15,000.00 | $12,607.32 | $15,000.00 |
| Speakers/Instructors–Symp | $10,000.00 | $4,742.16  | $5,000.00  |
| Special Events–convention | $15,000.00 | $15,165.67 | $15,000.00 |
| Transportation–convention | $1,000.00  | $429.78    | $1,000.00  |
| Audio/Visual–convention | $15,000.00 | $13,715.71 | $19,000.00 |
| A/V-Symp               | $5,000.00  | $1,851.08  | $3,000.00  |
| A/V-Seminars           | $5,000.00  | $464.31    | $1,000.00  |
| Decorator/Security–convention | $12,500.00 | $8,303.28  | $8,000.00  |
| Awards                 | $1,750.00  | $1,584.78  | $1,750.00  |
| Auxiliary              | $6,500.00  | $4,938.56  | $4,000.00  |
| Other Expenses - Convention | $6,000.00  | $6,048.55  | $4,250.00  |</p>
<table>
<thead>
<tr>
<th>EXPENSES</th>
<th>18 BUDGET</th>
<th>17 ACTUAL</th>
<th>17 BUDGET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course/Speaker Dev Wkshop</td>
<td>$3,000.00</td>
<td>$5,514.75</td>
<td>$8,000.00</td>
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<tr>
<td>Other Exp--Symp</td>
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<td>$1,780.85</td>
<td>$1,100.00</td>
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<tr>
<td>Other Exp--Seminars</td>
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<tr>
<td>Magazine</td>
<td>$25,000.00</td>
<td>$23,955.92</td>
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<td>CST Development</td>
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<td>$750.00</td>
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<tr>
<td>Membership Development</td>
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<tr>
<td>Legislative/Lobbyist</td>
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<td>Cost of Books/Pubs Sold</td>
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<td>Cost of Decisions</td>
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<td>Profit split-Gold</td>
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<td>$1,449.06</td>
<td>$1,000.00</td>
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<tr>
<td>Profit split-TSFI</td>
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<td>$2,898.12</td>
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<tr>
<td>Postage &amp; Delivery</td>
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<tr>
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<td>Postage--Symp</td>
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<tr>
<td>Postage--Seminars</td>
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<td>Postage Bulk Mail</td>
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<td>TOTAL DIR MEMBER SVCS</td>
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<td>$400,731.04</td>
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**GENERAL EXPENSES**

<table>
<thead>
<tr>
<th>EXPENSES</th>
<th>18 BUDGET</th>
<th>17 ACTUAL</th>
<th>17 BUDGET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries--General</td>
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<tr>
<td>Salaries--Symp</td>
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<td>$11,105.03</td>
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<tr>
<td>Salaries--Seminars</td>
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<td>Payroll Taxes--Seminars</td>
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<td>$859.85</td>
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<tr>
<td>Retirement expense</td>
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<tr>
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<td>Bank charges/Credit Card Fees</td>
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<td>Miscellaneous General Exp</td>
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<td>Utilities</td>
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<td>Contributions (Charitable) - NEW</td>
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<td>$13,740.00</td>
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</table>

**TOTAL GENERAL EXPENSE**

<table>
<thead>
<tr>
<th></th>
<th>18 BUDGET</th>
<th>17 ACTUAL</th>
<th>17 BUDGET</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$429,965.00</td>
<td>$420,633.73</td>
<td>$413,263.00</td>
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</table>

**TOTAL EXPENSES**

<table>
<thead>
<tr>
<th></th>
<th>18 BUDGET</th>
<th>17 ACTUAL</th>
<th>17 BUDGET</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>$915,400.00</td>
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**NET REVENUES (EXPENSES)**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$4,150.00</td>
<td>$123,724.12</td>
<td>$2,331.00</td>
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</tbody>
</table>
1. Statute of Frauds

Gen. Metal Fabricating Corp. v. Stergiou,

“The statute of frauds does not require that a complete description of the land to be conveyed appear in a single document. . . . A property description is sufficient if the writing furnishes within itself, or by reference to some other existing writing, the means or data by which the particular land to be conveyed may be identified with reasonable certainty. . . . The description of the land may be obtained from documents that are prepared in the course of the transaction, even if those documents are prepared after the parties’ contract for sale.” Id. at 29.

A Rule 11 settlement provided, in part, that GMF would pay Stergiou $300,000 for return of some stock. The payment would be evidenced by an installment note which, in turn, would be secured by a first lien Deed of Trust covering real property owned by GMF and described in the Rule 11 agreement as being the “White Buildings and the empty lot” and excluded the “four lots the ‘Blue Building’ resides upon and the ‘Blue Building.’” The agreement was read into the record, but not documented at the time. When it came time to document the loan, various issues came up; among them was whether the statute of frauds barred enforcement of the Rule 11 agreement.

“Although the Rule 11 agreement describes the property to be secured by the deed of trust only as the ‘White Buildings’ and ‘empty lot,’ but not ‘the four lots the ‘Blue Building’ resides upon and the ‘Blue Building,’” the various deeds of trust and the security agreements circulated as drafts between the parties contain sufficient legal descriptions of those properties.” Id. at 30.

2. Mortgages

Morlock, L.L.C. v. Nationstar Mortg., L.L.C.,

“Non-judicial foreclosure sales of real property under contract liens are governed by Chapter 51 of the Texas Property Code. . . . The ‘mortgagee’ is defined as ‘(A) the grantee, beneficiary, owner, or holder of a security instrument; (B) a book entry system; or (C) if the security interest has been assigned of record, the last person to whom the security interest has been assigned of record.’ . . . No provision in Chapter 51 of the Texas Property Code requires a foreclosing party to prove its status as ‘holder’ or ‘owner’ of the Note or the original of the Note prior to foreclosure.” Id. at 9-10.

3. Usury

Jones v. R.O. Pomroy Equip. Rental, Inc.,

“The essential elements of a usurious transaction are: (1) a loan of money; (2) an absolute obligation that the principal be repaid; and (3) the exaction of a greater compensation than allowed by law for the use of the money by the borrower.” . . . Before the usury statutes can be applied to leases, it is necessary to first establish that the leases were not mere leases but were, instead, lease-purchase agreements.

. . . In this case, there is no claim of a lease-purchase agreement. Pomroy testified that both of the Agreements were rental or lease transactions. Jones agreed that the transactions were strictly rentals and that Westex was not buying any equipment. The trial court found that Roper’s Exhibits One and Four were rental or lease transactions for Westex to rent an air compressor and a loader from Roper. “. . . [T]here can be no usury in a lease transaction.” Id. at 11.

The court held “that the trial court did not err when it ruled that the Agreements did not charge usurious interest because the usury laws do not apply to rental transactions.” Id. at 12. It also held “that Roper never charged usurious interest because a contract that specifies that interest will be collected on unpaid balances from a rental agreement and that the interest will accrue at the maximum rate allowed by law is not, as a matter of law, usurious.” Id.

Mark J. Hanna practices law in Austin and has served as TSPS Legal Counsel since 1992. In addition to providing legal and legislative representation for the Society, Mr. Hanna specializes in representing the interests of individual business and professional clients located throughout the State.
SUSTAINING MEMBERS

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Dear Surveyors,

Every twelve years the Texas Board of Professional Land Surveying is reviewed by the Sunset Advisory Commission (SAC). The Sunset Commission staff will evaluate TBPLS over the next several months, make recommendations and publish a staff report. The Sunset Commission Members will review the report and hear public testimony before making recommendations to the full Legislature. During the 2019 Legislative session, the fate of TBPLS will be decided - continue with improvements, be consolidated or potentially abolished.

Due to the pending review, it is imperative to raise funds for SurPAC so that we can make timely contributions to SAC members. Historical data suggests that the Legislature acts overwhelmingly in conjunction with the SAC recommendations and several SAC members are in contested battles for re-election. Strong support from SurPAC will make clear that the TBPLS must remain funded.

SurPAC has immediate needs of raising $40,000 for this effort. Everyone is encouraged to contribute to SurPAC, but we are relying heavily on those in leadership roles to set the example. All Surveyors stand to be impacted by the SAC recommendations and potential changes to our regulatory body. However, business owners may be impacted most, and we are asking you to contribute to our latest fundraising effort.

SurPAC is searching for a coalition of individuals willing to pledge $500 each towards this campaign. We are asking for immediate pledges from 20 people to build a $10,000 fund. The pledge fund will be used to match contributions from other TSPS members and double the fundraising effort. The matching funds will be calculated on those individual contributions received on or before July 1, 2018. Those contributors who make the donation of $500 or more will be recognized in our publications, unless requesting to remain anonymous.

Please help SurPAC continue to promote and protect the surveying profession by completing the donation form and returning it to the TSPS office. It is important to remember only personal checks can be accepted and any donation amount is greatly appreciated.

With Sincere Gratitude,

Travis S. Tabor, RPLS
SurPAC Committee Chair

2018 Annual SurPAC Campaign
Donation Form

SurPAC provides TSPS the means to create and maintain a presence in the legislative process. Please help us to continue to promote and protect the surveying profession.

YES! I would like to support SurPAC and its efforts by donating $ ____________________.

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Please mail this form along with a personal check to:
TSPS SurPAC | 2525 Wallingwood Dr., Ste. 300 | Austin, TX 78746

Personal credit card donations can also be mailed in or sent via:
Fax: 512-327-7872 | Email: djkyle@tsps.org | www.tsps.org/SurPAC
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Surveying work is in the field, right? Well, not so much now, and for a long time. From my perspective it appears that at least one half of surveying work is done in the office, maybe even more. We often talk about safety in the field due to the numerous hazards that field crews so often encounter potential accidents and injuries, knife cuts, snake or varmint bites, insect bites, weather hazards- cold, heat, storms, etc. Add to that the hazards of driving to and from work sites as well as driving hazards on a job site.

Joe Breaux, RPLS #4293

From the most basic level, implementing safe work practices and techniques as well as training is not so different whether in the field or in the office. Maybe some of the dangers of the office are less than in the field, but, we just don’t think of the office as calling for as much care or concern towards safe practices. After all, how can a setting where one sits in a chair, in a climate-controlled environment and completes most of their work on a computer or a telephone be so dangerous? There is the ergonomics aspect of the repetitive tasks that computer use involves, but this is not the primary cause of office accidents and injuries.

Safety for office personnel is just as important as for field staff.

According to the U.S. Department of Commerce, Office of Human Resources Management, the leading disabling accident types in an office setting are from falls (falls, slips & trips), strains and over exertions, falling objects, striking against objects, and being caught in or between objects.

The leading cause of accidents and injuries among office employees is from falls which account for a 2 to 2.5 times higher rate of injury than for non-office employees. Numerous hazards contribute to these types of injuries. Fortunately, many of these hazards can be significantly reduced or eliminated.

Falls, slips and trips are commonly caused by loose or torn carpeting; wet, hard surface floors with no mats; out of shape or curled mats, or cluttered pathways/halls. Eliminating or at least minimizing these hazards is the best solution. Be observant and pro-active. Fix loose carpeting and replace curled mats as soon as possible. Clean up wet floors or spills immediately. Or report unsafe conditions to management or maintenance immediately. Don’t leave a situation for someone else to attend to. I recently visited an orthopedic clinic where a curled floor mat was in the entry door. I know the condition was reported, yet on the next visit days later, the condition still existed. Not a good situation for the business or the patients.

Open drawers in file cabinets or desks, especially in common areas or hallways are a trip hazard as well as a striking or tipping hazard. Always be sure to close drawers immediately upon completion of your task of finding files or information. It only takes seconds to close that drawer and re-open it to replace the file again later, but those seconds saved to leave the drawer open are far overshadowed by the lingering effects (time and cost) of an injury received from tripping on or striking that open drawer left open.

Injuries from file cabinets tipping over can be very serious, too. Never open more than one drawer of a cabinet at one time, especially when using top drawers. The higher up an open drawer is in the file cabinet, the more leverage it applies to the cabinet and the greater the potential for tipping if multiple drawers are opened. Some file cabinets are built with interlock mechanisms that prevent opening more than one drawer at a time. But even if so equipped, practice safety by making it your habit to always limit to one drawer open at a time. Also, load the heaviest files or items in bottom drawers or on the bottom shelf whenever possible.

Stay clutter free. Tripping hazards are increased by stacking too many items in or near pathways. Never restrict walking space with too many boxes or items so large as to limit the space for walking. Tripping on these items or even the fall/tipping potential of them is a significant concern, but in the event of an emergency such as a fire situation, the risk of serious problems is far greater. Always limit clutter. Along the same lines, limit furniture placement so as not to restrict walking spaces or pathways, for the same reasons.

Electrical power cords/extension cords can be a tripping hazard as well as a fire hazard if not properly organized and adequately sized. Always place and keep power cords for computer and other electrical equipment bundled and secure on or against walls. This way a tripping hazard is reduced or eliminated. And never place a power cord or extension cord across walkways/pathways unless enclosed in a proper wire tray, one that completely encloses wires and cords and is designed so that it, too, is not a tripping hazard. An exposed power cord across a pathway is also subjected to unnecessary wear and tear when placed where it is stepped upon directly.
Safe stacking. Don’t place heavy objects on top shelves or in top drawers of cabinets. The potential for injury or harm caused by heavy objects falling from a high shelf are too great. When it is necessary to retrieve something that is placed or stored higher than your reach always use a ladder for climbing or a step stool for stepping up. Don’t use chairs or other objects to stand upon. Chairs can be unstable when standing on the seat. And swivel chairs on rollers are totally unstable for standing upon to reach for objects. Even while seated in a swivel chair they can be too unstable when bending and reaching for objects just beyond your reach.

Office settings usually don’t involve lifting heavy loads. But strains and overexertion often result from improper lifting or carrying technique, even with small loads. Boxes of printer paper and computer equipment can be quite heavy or awkward and can strain or injure back or neck muscles. Before jumping in and taking on a lifting task that could cause injury, survey the situation (no pun intended) by first asking several questions. Is this too heavy for me alone? How high do I have to lift it? How far do I have to carry it? Do I feel it is beyond my ability, that I need help, and is someone available to assist? And then ask ‘Am I trying to impress anyone?’

If you choose to lift the object, then be sure to use safe lifting steps.

- Place your feet at shoulder width apart taking a balanced stance.
- Squat close to the load.
- Keep your back in a straight up or neutral position, tuck your chin keeping your neck in line with the line of your back.
- Grip with your entire hands, not just with fingers.
- Keep elbows close to your body, drawing the item close to you, keeping the load centered.
- Lift with your leg muscles, not your back muscles, keeping a neutral back position.
- Don’t twist while lifting. If turning is necessary, turn your entire body, feet first.
- Never carry a load/object that blocks your vision.

If available, use a hand truck rather than lifting heavy objects. When setting the object down, reverse the procedure. Similar caution should also be exercised when moving furniture and most, if not all, of the suggested procedures also apply and should also be followed.

Striking objects is also a cause of office injuries. Always be cautious and alert to open drawers of desks and file cabinets, open cabinet doors, office machines, computers and monitors, and even other people walking. Bending and standing near these could result in a nasty bump or worse. Also be aware of standing or lingering in the path of a door that could suddenly swing open by someone coming from the other side.

Office staff can also be injured when fingers are caught in a door, drawer or window. Hair, loose clothing, scarves, ties and jewelry, and fingers and hands can be caught in office machines, too. Always use caution when working around anything with moving parts and even remove loose items that might be caught in machines before working around them. Copiers, printers and similar machines have numerous pinch points and often, hot surfaces. Use extra caution around these machines and make sure that staff are trained in the proper use of them.

Falling objects also pose a danger in the office. Placing or storing items on top of tall cabinets or furniture should be avoided as there is danger of hitting or bumping the furniture or cabinet and causing these items to fall, possibly onto someone.

Supplies stacked precariously high or carelessly placed onto shelves can easily fall or be knocked down when reaching for nearby items. Store materials and supplies, especially loose ones, inside a storage cabinet or a file cabinet. Heavy objects placed on top of lighter ones can also be a falling hazard. Always place heavier items on the bottom of a stack, or on lower shelves. Heavy items or materials should also be placed where reaching over other items is not required.

A special word of caution about storing materials or placing furniture: fire extinguishers, fire equipment, sprinkler heads, fire alarms and smoke detectors should never be obstructed. Fire extinguishers should be visible and accessible. A minimum of 18 inches clearance should be maintained around all sprinkler heads.

An office setting is not thought of as a dangerous place. But as we’ve just reviewed, there are a number of situations that have the potential to cause injury and harm to workers in an office. Fortunately, many of these situations can be eliminated or greatly reduced by observing good safety practices and by being alert and observant. Stay alert to situations that may develop and take quick action to remove the hazard before it becomes a more serious one. An occasional, brief review of good office safety practices is not only easy, it is also an effective reminder to staff. Safety is everyone’s job and should become our habit. Not because it is a written policy, but because it is best for all, even those who spend their time inside of an office.

SAFETY FIRST

Think Safe... Work Safe... Be Safe
SURVEY SALES SPECIALIST – AUSTIN & HOUSTON, TX
GEOSHACK
GeoShack is growing and we are looking to hire a talented Survey Sales Specialist, who enjoys a challenging, fast-paced environment that’s both competitive and rewarding. GeoShack is a leading distributor of leveling, alignment, measurement, guidance and grade control solutions to the Construction, Survey, Machine Control and Agricultural markets in North America. We provide our customers a “total solution” of quality products and services to meet their needs.

The Survey Sales Specialist position requires a working knowledge of the local survey market with 2-5 years of a proven sales track record and the ability to develop relationships with customers and provide them with real, effective solutions. You will be responsible for prospecting and identifying potential opportunities and closing high value deals with surveying and engineering firms, and governmental entities in a dedicated sales territory. You will be selling Topcon GPS, surveying instruments and robotic total stations.

The successful candidate will possess:
• Minimum 2-5 years sales experience
• Exceptional organizational and communication skills
• Strong achievement drive
• Must be computer literate
• Knowledge of survey, engineering and/or governmental markets preferred
• Willingness to learn about the products we sell
• Positive, sales-oriented personality
• Business-like, professional appearance
• Prefer Bachelor’s Degree or equivalent.

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RPLS – AUSTIN, TX
BASELINE LAND SURVEYORS, INC.
Baseline Land Surveyors, Inc. is seeking an RPLS to manage survey operations. Successful candidate will have the opportunity for company ownership.

Serious inquires to Bruce Bryan at bruce@baselinelandsurveyors.net.

HYDROGRAPHIC SURVEY TECH – CORPUS CHRISTI, TX
TERRASOND
The Survey Technician is responsible for conducting surveying and mapping duties under the supervision of a Project Manager or more senior Survey Technician. He or she verifies the accuracy of collected data, and prepares data, charts, plots, maps, records, documents and deliverables related to the survey. He or she may also conduct ADCP mooring configuration, surface navigation, LBL, USBL, geophysical and seismic data collection.

The Survey Technician is also required to serve as a member of the vessel crew as needed.

Responsibilities include but not limited to the following:
• Complete all company required HSE training; actively participate in regular safety meetings
• Assist in establishing project goals and objectives
• Calibrate, operate, troubleshoot and maintain surveying equipment including single beam echo sounders, multi-beam echo sounders, sidescan, applicable Motion Reference Units, and Gyros
• Review GPS differential correction source and software to ensure that configuration is correct
• Coordinate with the team, review project plans from start to finish to identify and resolve problems, accept responsibility for assigned tasks following all quality control standards, review and evaluate work products, methods and procedures, and suggest improvements as necessary
• Collect hydrographic data offshore
• Analyze and process data using project-specified software packages
• Follow all quality assurance and quality control methods during collected and processing of field data
• Update supervisor daily with data acquisition progress, maintain survey logs, update records, and write field operation daily reports
• Assist with mobilizing and demobilizing survey vessels in the field
• Assist with vessel operations and vessel crew duties as needed

Education/Experience:
• AS/BS in Geomatics, Cartography, Geography, Natural Sciences, Engineering, or other relevant discipline
• 2+ years of hydrographic survey experience utilizing current technologies
• Experience in GPS and cartography
• Multibeam experience preferred
• Candidate must be legally eligible and insurable to drive to regular assignments
• Bilingual (Spanish-English) is a plus
• Working knowledge of applicable software packages to include AutoCad, Microsoft Word and Excel, and Trimble Geomatics Office
• Basic knowledge of hydrographic data analytical tools including Caris, Hypack and QINSy

Skills and Special Requirements/ Licensing:
• Demonstrated commitment to safety principles and protocols
• Knowledge of all aspects of hydrographic surveying including DGPS, RTK, tides and tide zoning, cartography, sound velocity,
multibeam echosounder, single beam echosounder operation, sidescan collection and interpretation, and determination and application of vessel configuration offsets. Record survey measurements and descriptive data using notes, drawings, sketches, and inked tracings.

- Perform calculations to determine earth curvature corrections, atmospheric impacts or measurements, traverse closures, adjustments, and tides
- Ability to identify deviation, anomaly, and data quality issues during data collection
- Comprehensive knowledge of hydrographic data analytical tools
- Merchant Marine Physical
- Valid driver’s license
- Ability to procure a passport

Work duties are performed in a combination office and field environments. Field work is performed outdoors and may take place in inclement weather and extreme temperatures. Hydrographic survey work requires working at sea for extended periods of time and may require living and working in close, cramped quarters. Both field and office work requires occasional heavy lifting of survey equipment.

Responsibilities may require an adjusted work schedule, long days, and evening/weekend hours in order to meet project deadlines. Extensive travel is required.

About Us:
TERRASOND, an experienced multidisciplinary organization, remains one of the few truly independent, agile, client-focused survey companies. We deliver innovative, reliable geospatial solutions with a strong company-wide culture in HSE/Q.

OUR GREATEST resource is our people.
Our mission is to collect, compile, and identify geospatial and geophysical information that provides the best possible solution offering the lowest risk for our clients.

Local around the globe, we excel at executing remote and challenging surveys. We have successfully completed thousands of surveys in over 22 countries around the world for over 330 clients. These range from inland surveys to deep ocean seabed exploration and mapping projects.

We are an Affirmative Action/Equal Opportunity Employer and employment selection decisions are based on merit, qualifications, and abilities. We do not discriminate in employment opportunities or practices on the basis of: race, color, religion, gender, national origin, age, sexual orientation, gender identity, disability, veteran status or any other characteristic protected by country, regional or local law.


If you require an accommodation to complete the application, please contact Human Resources at (907) 745-7215 x147. TerraSond is committed to a drug free workplace. Drug screening and background checks are required.

MULTIPLE POSITIONS – HOUSTON, TX
LUPHER, LLC
LUPHER, LLC, Texas Professional Land Surveyors located in West Houston has the following Full Time positions available. TXDOT or Public Works Type Projects involve Control Surveys, Boundary, Route & ROW Acquisition, Topographic, Utility Line, Private Development Surveys, etc.

- SURVEY PARTY CHIEF (2-5 Years’ Experience)
- INSTRUMENT PERSON (2-5 years’ experience)
- RODMAN (0-1 years’ Experience)
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Lupher, LLC offers Competitive Salary, Benefits include Medical, Dental, Vision, 401K, & PTO. Please email resume to r lupher@lupherllc.com.

TBPLS FIRM No. 10193807

SURVEY AUTOCAD TECHNICIAN – AUSTIN, TX
WALKER PARTNERS
AutoCAD technician with experience in boundary, land title and topographic surveys is required. Civil 3-D experience required, GPS experience a plus. Benefits include health insurance, 401(k), vacation, sick leave, and holidays. All inquiries are confidential.

E-mail resume to lsimpson@walkerpartners.com.

SURVEY AUTOCAD TECHNICIAN – WACO, TX
WALKER PARTNERS
AutoCAD technician with experience in boundary, land title and topographic surveys is required. Civil 3-D experience required, GPS experience a plus. Benefits include health insurance, 401(k), vacation, sick leave, and holidays. All inquiries are confidential.

E-mail resume to khes sel@walkerpartners.com.

SENIOR PARTY CHIEF – HOUSTON, TX
EHRA ENGINEERS
EHRA Engineering is looking for a Senior Party Chief with 8+ years of experience in boundary surveying experience. Candidate must be self starter and capable of directing two to three man survey crews in all schematics of field survey applications. Applicant should be able to train all survey field employees’ proper techniques and procedures as they apply to daily field operations. Knowledge of Leica equipment is a plus. Related 2+ year degree or NSPS certification is preferred.

Excellent pay and benefits for the right candidate. Send resume to employment@ehrainc.com.
COMING EVENTS

View more details and register for coming events at www.tsps.org/calendar.

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Mar 18-24 National Surveyors Week

APRIL

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CST Exam (Paper Only)
Civil Engineering Consultants
11550 IH-10 W, Ste. 395 | San Antonio, TX 78230
CST Exam (Paper Only)
Lone Star College
3200 College Park Dr., F-314 | Conroe, TX 77384
CST Exam (Paper Only)
UT Permian Basin CEED Center
1310 N. FH 1788 | Midland, TX 79707
Apr 14 CST Exam (Paper & Electronic)
North Lake College - West Campus
1401 Royal Ln. | Dallas, TX 75261
Apr 20-22 High Plains Experience
LIT Ranch
4600 Lit Ranch Rd. | Channing, TX 79010
Apr 24 2018 TxDOT Annual Surveyors’ Conference
Omni Southpark Hotel
4140 Governor’s Row | Austin, TX 78744
Apr 28 2nd Quarterly Board Meeting
Austin Marriott North
2600 La Frontera Blvd. | Round Rock, TX 78681

AUGUST

Aug 3-4 3rd Quarterly Board & Strategic Meeting
Sheraton Georgetown Texas Hotel & Conference Center
1101 Woodlawn Avenue | Georgetown, TX 78628

OCTOBER

Oct 3-6 67th Annual TSPS Convention & Tech Expo
Galveston Island Convention Center at The San Luis Resort
5600 Seawall Blvd. | Galveston, TX 77554
Oct 4 Annual TSPS Business Meeting
Galveston Island Convention Center at The San Luis Resort
5600 Seawall Blvd. | Galveston, TX 77554

JOB LISTINGS

PROJECT MANAGER – MIDLAND, TX
LANDPOINT

Landpoint is seeking Project Managers/RPLS candidates in Midland, TX. This is a full-time position with health, vision, dental and 401K benefits.

Required Qualifications

- 8+ years managing surveying-related projects and crews
- Experience in:
  - oil & gas, construction staking and boundary, and/or preparing as-built drawings
  - researching record-of-surveys and locating monuments
  - preparing legal descriptions, filing plats, recording surveys, and preparing easements
  - collecting survey data to support civil engineering design projects
  - project management skills and ability to track budgets, performance, and project delivery

Key Responsibilities

- Managing survey field crews
- Work with other project managers and surveyors to complete surveys
- Research previous survey evidence, maps, deeds, physical evidence, and other records to obtain data needed for surveys
- Prepare legal descriptions and exhibits for easement, rights-of-way, lot-line adjustments/mergers
- Plan and organize surveying efforts to determine precise location and measurements of points, elevations, lines, areas, and contours for construction, mapmaking, land division, titles, mining, or other purposes
- Keep accurate notes, records, and sketches to describe and certify work performed
- Perform field surveying to obtain data for base plans
- Markets of work include but not limited to: oil & gas, telecom, ALTAs, civil and/or commercial

Desirable Qualifications

- RPLS of TX (will consider candidates who have exam pending)
- SIT may be considered
- Proficient in AutoCAD and Carlson software
- Proficient in Trimble surveying products, including GPS systems for RTK surveying and robotic total stations
- Valid driver’s license with insurable driving record

Apply: http://landpoint.applytojob.com/apply/AsELljYLwh/Land-Surveying-Project-Manager

MEMBERS - GET JOB NOTIFICATIONS!

Subscribe to receive notifications as jobs are posted online.

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Professional Listings
NOTICE:

TBPLS Board meetings are now streamed live.
tbps.org/tbplsmeeting

CEU credits not applicable.
Per TBPLS: in order to earn hours you must physically attend the meeting and sign the sign-in sheet.

Texas A&M Corpus Christi team takes second place in the 2018 NSPS Student Competition held in Las Vegas, February 21-24. Congratulations to all those who participated the “Surveying Service” themed competition!
TEXAS WE GOT YOUR BACK

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G4 Spatial Technologies
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SAN ANTONIO
G4 Spatial Technologies
210-681-4280
NEW MEMBERS

REGISTERED
Peter “Pete” Aguirre #5464 - Chapter 11 South Central Surveyors of Texas, Inc.
Kyle Brady #6701 - Chapter 16 Furman Land Surveyors
Raul “Roy” Castillo #5061 - Chapter 12 Hanson Professional Services
Jeffrey “Jeff” Fansler #4348 - Chapter 10 RRC Surveying, LLC
Tim Frost #5316 - Chapter 2 CobbFendley & Associates
Randall Kircher #5582 - Chapter 12 TxDOT
Mark Lupher #4637 - Chapter 9 TEDSI Infrastructure Group
Brian “Jay” Maddox, II #6659 - Chapter 5 Maddox Surveying & Mapping, Inc.
Randy McClendon #4079 - Chapter 9 Tejas Surveying, Inc.
Fred McMichael #3682 - Chapter 11 McMichael Land Surveying
Louis “Brad” Oswald #6680 - Chapter 13 Surveying And Mapping, LLC (SAM)
Jesus Sosa #6095 - Chapter 9 Lina T. Ramey & Associates, Inc.
David Spradley #6035 - Chapter 9 McKim & Creed, Inc.
Toby Tibbit #5496 - Chapter 3 Tibbit Surveying

GEOSPATIAL
Brian “Bubba” Phillips - Chapter 13 Chaparral Professional Land Surveying, Inc.

ASSOCIATE/SIT
Jennifer Anthony - Chapter 11 McMichael Land Surveying
Joshua “Josh” Davis - Chapter 20 EAS Resources
Daniel “Dan” Goldman - Chapter 5 CobbFendley & Associates
Leonard Gregor - Chapter 12 Texas Department of Transportation
Taren Hanks - Chapter 9 Jeffrey Moon & Associates
Lewis “Luke” Harrison - Chapter 9 Tri-Tech Surveying Company, LP
John Harvill - Chapter 20 Weisser Engineering & Surveying
April Kaley - Chapter 9 LJA Surveying
James Kellison - Chapter 2 CobbFendley & Associates
Kyle Lutz - Chapter 20 Gessner Engineering
Joe McFarland - Chapter 21 Searchers Land Surveying, LLC
Justin Moczygemba - Chapter 14 CDS Muery
Jose Munoz - Chapter 19 Guzman & Munoz Engineering and Surveying, Inc.
Seth Reichenau - Chapter 2 BGE, Inc.
Chance Srp - Chapter 12 Urban Engineering
Andy Vigstol - Chapter 12 LAN

SUSTAINING
Bob Ault - Chapter 10 Gateway

AFFILIATE
Chris Bishop - Chapter 5 Adams Surveying Company, LLC
Randy Burt - Chapter 13 Tri-Tech Surveying Company, LP
Travis Hahn - Chapter 10 Watson Professional Group Inc.

STUDENT
Dustin Coffee - Chapter 9
Miguel “Mike” Martinez - Chapter 13 Carlson Brigance & Doering, Inc.

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888.700.5211
281.587.7181
hou@allterracentral.com

MCALLEN
1203 E. Jasmine Ave, B
McAllen, TX 78501
956.961.4591
mca@allterracentral.com

OKLAHOMA
7701 N. Broadway, A-4
Oklahoma City, OK 73116
405.330.5683
okc@allterracentral.com

SAN ANTONIO
10822 Hillpoint
San Antonio, TX 78217
877.300.9659
210.967.8700
san@allterracentral.com

AUSTIN
116 E. Huntland
Austin, TX 70752
512.282.4099
aus@allterracentral.com

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