

Louisiana Engineer & Surveyor Journal

November 2006

Vol. 9 No. 4

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LAPELS STAFF



*(seated l-r): Tracy Compean, Donna Sentell, Heidi Watts, (back row l-r)
Barbara Cavalier, Rachel Vernon, Alice Martina, Ben Harrison, Robert Eddleman,
Justin Owens, Evelyn Mayeux, Brant Delhommer and Margaret Killingsworth.*





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- 2) All ads must be prepaid. Advertisements with payment should be sent to LES or LSPS by the 15th of the month preceding month of issue.
- 3) Published quarterly, February, May, August and November.

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The Louisiana Engineering Society, the Louisiana Professional Engineering and Land Surveying Board, and the Louisiana Society of Professional Surveyors do not guarantee the accuracy of statements made or necessarily concur with opinions expressed in the publication.

MESSAGE FROM THE CHAIRMAN

Kerry M. Hawkins, P.E.

I would like to take this opportunity to thank Mr. Richard Durrett and Dr. Ken McManis for their leadership this past year. Their leadership, plus the very able leadership of Executive Secretary Sentell, has brought the LAPELS Board into the new fiscal year in excellent condition.

On another topic, one of our newest Board Members, Mark Segura of Pineville was critically injured on September 29 and passed away on October 7th. His passing leaves a significant void with the LAPELS Board. Mark brought vigor, insight and keen intellect to our Board gatherings. Please join the LAPELS Board in our prayers for Mark's family.

Board Members have recently attended the annual NCEES meeting where several issues were in the forefront of consideration. One of the areas of continuing concern is in maintaining security of the various examinations that NCEES provides for member boards. Apparently, there have been many attempts to copy or otherwise remove examinations or portions of exams from the testing sites. Some of these techniques have been through the use of the communications capabilities of electronic calculators and other microelectronic devices. These activities have resulted in significantly more exam site security as well as limiting the kinds/brands of calculators that can be brought into the exam room.

There is an active study underway that will likely lead to having a specific calculator supplied at the time of the exam by the NCEES test arm. This will also increase the cost of the exam.

In addition, NCEES is employing high powered post exam analysis to determine if there has been collusion or other forms of cheating taking place. These analyses provide sophisticated review of the answer patterns between and among answer sheets. This will provide the likelihood of the individuals' answers being determined independently. Clearly, with the calculator issue and the exam cheating issues, societal pressures are posing real challenges to the engineering community very early in careers.

One other significant area of discussion at the annual meeting was the consideration of the ASCE introduced concern regarding the future of engineering education and how well the current and anticipated coursework leading to Bachelor's degrees prepares young engineers for professional practice. The premise behind the concern is the engineer of 2020 and beyond will need significantly more coursework and preparation for providing professional services to the public than is currently provided in the baccalaureate programs that exist today or anticipated in the future. More discussion will follow on this topic.



Kerry M. Hawkins, P.E.
Chairman

Louisiana Professional Engineering
and Land Surveying Board

I also commend your attention to the Journal cover picture and to our Board Staff. Mrs. Sentell has done an excellent job in her short tenure with the Board. The Board office has been completely rearranged to improve the operational effectiveness and general attractiveness of the office work areas. The office staff is in the process of being cross trained to provide for better coverage through vacations and any potential illness that might occur. Improvements are on the way to improve the utility of our LAPELS website and eventually will provide for the feedback to the Board on our effectiveness in serving the engineering community and the public.

Another area that I commend to your attention is Mr. Eddleman's article on Enforcement activities. As he will address, Mr. Jusselin's, committee, in recent months, has reviewed and provided recommendations for greater consistency in the Board's sanctions for the various violations of the Board's laws and rules.

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Ali M. Mustapha, P.E.

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Executive Secretary

Robert Eddleman
Deputy Secretary/Director of Enforcement

Heidi G. Watts
Administrative Secretary/Editor

www.lapels.com

MARK YOUR CALENDAR

LAPELS Board Meeting Dates

November 13-14, 2006

January 8-9, 2007

March 19-20, 2006



FROM THE EXECUTIVE SECRETARY

Donna D. Sentell, Executive Secretary



Donna D. Sentell
Executive Secretary

Since the last issue of the Journal, we have mailed close to 6,000 renewals. Mailings continue to be an issue for us. Whether we want to blame the US postal service or hurricanes, we spend an inordinate amount of time, energy and money updating our mailing lists and we continue to look for better ways to communicate with you. We update addresses when mail is returned, verify addresses when you call our office with questions and encourage you to get in touch with us when your contact information changes.

If you are reading this article, we apparently have a good mailing address for you. But email is obviously a quick, efficient and economical way to reach you and we want to capture as many email addresses as possible. If you have email/contact information to share, please email us at info@lapels.com. Be sure to include your name, license number and updated contact information. Electronic communication is beneficial to all parties and we are trying various mail options with small test groups from our database.

We want to stay in touch with all of you. But remember that you are responsible for keeping your information current with our office and for renewing your license prior to the expiration date.

We continue to monitor the examination process and have recently evaluated our application procedures. At the September meeting, the board adopted a new policy for those candidates who have failed the exam four or more times.

"Effective September 28, 2006, if an individual has failed an examination four or more times, following each successive

failed examination he/she must submit a new application and pay the current application fee in order to be eligible to retake the examination.

In addition to the application fee, those applicants will have to complete a new application which includes updating experience, references, transcripts, as well as re-take and pass the Laws and Rules exam.

This policy is in keeping with the efforts of the National Council of Examiners for Engineers and Surveyors (NCEES) to better monitor those taking the exams multiple times.

It is an honor to work for such a hard working group of individuals who comprise the LAPELS board. You can be assured these board members are doing the work they have been charged to do. Their efforts to be more consistent with the sanctions for various violations of LAPELS laws and rules (see the Enforcement report) and the new policy for reapplication, are just two of the ways in which our board members take their charge seriously: "to safeguard life, health and property and to promote the public welfare."

LAPELS no longer issues pocket cards upon renewal. You can print verification of your license from our website www.lapels.com, go to the link Roster of Registered Individuals and Firms.

WHAT WILL REALLY MATTER

Ready or not, some day it will all come to an end.

There will be no more sunrises, no minutes, hours or days.

All the things you collected, whether treasured or forgotten will pass to someone else.

Your wealth, fame and temporal power will shrivel to irrelevance.

It will not matter what you owned or what you were owed.

Your grudges, resentments, frustrations and jealousies will finally disappear.

So too, your hopes, ambitions, plans and to-do lists will expire.

The wins and losses that once seemed so important will fade away. It won't matter where you came from or what side of the tracks you lived on at the end.

It won't matter whether you were beautiful or brilliant.

Even your gender and skin color will be irrelevant.

So what will matter?

How will the value of your days be measured?

What will matter is not what you bought but what you built, not what you got but what you gave.

What will matter is not your success but your significance.

What will matter is not what you learned but what you taught.

What will matter is every act of integrity, compassion, courage, or sacrifice that enriched, empowered or encouraged others to emulate your example.

What will matter is not your competence but your character.

What will matter is not how many people you knew, but how many will feel a lasting loss when you're gone.

What will matter is not your memories, but the memories that live in those who loved you.

What will matter is how long you will be remembered, by whom and for what.

Living a life that matters doesn't happen by accident.

It's not a matter of circumstance but of choice.

Choose to live a life that matters....



Mark Segura, P.E.

November 26, 1958 - October 7, 2006

DISCIPLINARY AND ENFORCEMENT ACTIONS

Robert E. Eddleman, Deputy Executive Secretary/Director of Enforcement



Robert E. Eddleman

A MESSAGE FROM THE STATE OF LOUISIANA FIRE MARSHAL'S OFFICE

Please be advised that this office shall require discipline-specific Engineer stamps on construction documents submitted for review by Professional Engineers. Generic Professional Engineer stamps shall not be acceptable. This office shall also verify that the dated Engineer's signature is provided. Failure to comply with this requirement may cause review/processing delays. The discipline-specific Engineer stamp, signature and date shall be acceptable via electronic/digital reproduction, photocopy reproduction and/or diazo reproduction. "Live ink" signature and date is not required. This office will begin this practice October 1, 2006.

The Board licenses engineers as "Professional Engineers" and not as "Civil Engineers", "Mechanical Engineers", "Electrical Engineers", etc. However, if a licensee submits documents for review to the Fire Marshal's office, he/she will be required by that office to use a discipline-specific seal. If the licensee is listed by the Board as a civil, structural, electrical or mechanical engineer,

the licensee can obtain and use a discipline-specific seal. Also, please remember that Board Rule 2701(A) (2)(f) requires that a licensee's seal be accompanied by his/her signature and date.

The Board has looked at the various disciplinary and enforcement matters handled by the Board over the last few years. As a result of this review, the Board will strive to be more consistent with the sanctions for the various violations of the Board's laws and rules. Also, the Board has taken the position that all disciplinary and enforcement actions will be printed in this publication by name, except in unusual circumstances.

The Board continues to investigate alleged violations of the laws and rules which regulate the practice of engineering and land surveying in Louisiana. Substantiated violations result in disciplinary or enforcement action being taken either through Consent Orders or by Board Orders following a formal hearing at which the respondent is adjudged guilty of one or more violations. Below are summaries of some of the disciplinary and enforcement actions for the period from August to October, 2006.

UNLICENSED OFFER AND/OR PRACTICE OF LAND SURVEYING

Mr. Paul H. Johnston, a non-licensee, was subject to enforcement action by the Board for the unlicensed offering of land surveying in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). Mr. Johnston offered to provide land surveying services in Louisiana by the means of signs on his vehicles, business cards, letterhead and invoices that contained the words "Land Surveying Services". The sign on the door of Mr. Johnston's vehicles also contained a facsimile of a tripod mounted instrument. Mr. Johnston entered into a Consent Order with the Board, wherein he admitted to an unintentional violation of the above statutes and agreed to pay a fine of \$1,000.00, to pay administrative costs of \$453.68, to immediately cease and desist any advertising (including but not limited to signs on vehicles, business cards, invoices and letterhead) which could give the inference that Mr. Johnston is offering and/or providing land surveying services in Louisiana, and to the printing of a summary of this matter by name in this publication.

A non-licensee was subject to enforcement action by the Board for the unlicensed practice of land surveying in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). The non-licensee prepared and provided to an individual property owner a resubdivision map for two acres of land in Louisiana. Without admitting to a violation of the above statutes, the non-licensee entered into a Consent Order with the Board, wherein he agreed to pay a fine of \$1,000.00, to pay administrative costs of \$123.93, to immediately cease and desist the offer and/or practice of land surveying in Louisiana until duly licensed by the Board, and to the printing of a summary of this matter without name in this publication.

SEALING VIOLATIONS

Mr. Douglas J. Gremillion, P.E., a Louisiana licensee, was disciplined by the Board for being in responsible charge of the preparation and submission to a client a set of preliminary design drawings and a set of preliminary bridge design calculations which did not contain the appropriate preliminary work disclaimer and a set of preliminary bridge design calculations which did not contain Mr. Gremillion's name or license number, as required by La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI.\$2701(A)(4)(b). Mr. Gremillion entered into a Consent Order with the Board, wherein he admitted to an unintentional violation of the above statute and rule and agreed to pay a fine of \$750.00, to pay administrative costs of \$228.48, to successfully complete the Board's online Laws and Rules Examination and the Board's online Ethics Presentation within sixty days of the effective date of the Consent Order, to comply in the future with all Board requirements pertaining to preliminary work, and to the printing of a summary of this matter by name in this publication.

Wilbur Smith & Associates, Inc. (now known as Wilbur Smith Associates, Inc.), a Louisiana licensed engineering firm, was disciplined by the Board for preparing and submitting to a client a set of preliminary design drawings and a set of preliminary bridge design calculations which did not contain the appropriate preliminary work disclaimer and a set of preliminary bridge design calculations which did not contain the name or license number of its employee in responsible charge, as required by La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI.\$2701(A)(4)(b). Wilbur Smith & Associates, Inc. entered into a Consent Order with the Board, wherein it admitted to an unintentional violation of the above statute and rule and agreed to pay a fine of \$750.00, to pay administrative costs of \$228.48, to comply in the future with all Board requirements pertaining to preliminary work, and to the printing of a summary of this matter by name in this publication.

LOUISIANA P.E. RECEIVES DISTINGUISHED SERVICE AWARD

At the 2006 Annual Business Meeting in Anchorage, Alaska, the National Council of Examiners for Engineering and Surveying (NCEES) presented Allison J.P. "Sonny" Launey, P.E., the Distinguished Service Award for his dedicated service to the engineering and surveying professions.

Launey served on the Louisiana Board of Professional Engineers and Land Surveyors from 1995 to 2001. During that time, he served as board chair for one year and chaired the Laws and Rules Committee for two years. He represented the board during five ABET-accreditation visits at three Louisiana universities.

Launey was an active member of NCEES during his time on the board, and he continues his NCEES involvement as an emeritus member. He has served on at least one committee every year for the last 10 years. He has participated on the Committee on Examinations for Professional Engineers for seven years, two as chair. He also chaired the Committee on Examination Audit and served as a member of the Cut Score Task Force, the Committee on Examination Policy and Procedures, and the Structural Engineering Examination/Recognition Task Force.

His other contributions to the profession and the advancement of licensure include testifying before Louisiana legislative committees, presenting licensure issues to state and local levels of professional and technical engineering societies, and participating as a volunteer speaker for continuing educa-

tion. He has promoted licensure to Louisiana university engineering students for over 10 years and is currently a member of the NCEES Speakers' Bureau.

NCEES develops licensing examinations for the engineering and surveying professions. These examinations are used by engineering and surveying licensing boards across the United States as part of their candidate assessment process. NCEES also provides examination scoring and administration services to licensing boards, as well as a variety of other products and services to engineering and surveying professionals. NCEES headquarters is located in Clemson, S.C.

LAPELS' is proud to have a former board member receive recognition from NCEES. It was an honor and a privilege to celebrate with Sonny and Sandra at the annual meeting.



Kerry Hawkins, Mark Jusselin, Sonny Launey, Joe Wink, and Dr. James Garber at NCEES meeting in Alaska.



Joe Wink, Brant Delhommer, Kerry Hawkins, and Robert Eddleman at NCEES Farewell Banquet.



Mark Jusselin and Tim Allen.

NEW REGISTRANTS

New Registrants for the Period of July 18, 2006 - October 2, 2006

Professional Engineers

Armstrong, Rolf Henry
 Azzi, Maroun
 Bailey, Mark William
 Baily, John Bryon
 Balenske, Kenton James
 Bandy, Brent Jon
 Battjes, Henry
 Batts, John Andrew
 Begnaud, Marla Kae
 Beighle, Trent E.
 Boren, Kelden L.
 Bourgeois, Joshua Kyle
 Brooks, Amanda Joyce
 Brown, Charles Edward
 Button, Donald Demarest
 Cain, Lloyd Lynn
 Callahan, John Richard
 Chandler, Joseph Washington
 Chapman, Charles Edward
 Chicca, Thomas Michael
 Cole, Jr. Charles F.
 Cormier, Todd A.
 Couvillon, John W.
 Cox, Christian Thomas
 Craig, Tessa H. Byrne
 Cullick, Harold D.
 Dailey, James William
 Daniel, Casey Don
 Darden, Jules Michael
 De Vries, Brian Lynn
 Delong, Hugh K.
 DeMarco, Jody F.
 Dipompeo, Joseph George
 Dockter, Amy K.
 Eisenman, Mark Ledden
 Elledge, Douglas Glenn
 Engebretson, Daniel Jon
 Falati, Jeffrey John
 Fischer, Gregory R.
 Fleming, Paul Davis
 Fontenot, Heather L.
 Frischhertz, Bradford Nicholas
 Godfrey, Joseph Markham
 Goff, Jr. H. Buford
 Gogel, Michael Eugene
 Griffith, Michael Chad
 Grover, Jason Glenn
 Hale, David Andrew
 Haneiko, Gregory Paul
 Harris, Jeffrey William
 Hassenboehler, Timothy Byron
 Hjorteset, Kare
 Hoigard, Kurt Richard
 Ishmael, Kenneth D.
 Jacobs, Jr. John H.
 Johnson, Francis T.
 Johnson, J. Craig
 Jones, Jr. Charles B.
 Jordan, Joshua Turner
 Junker, Jennifer Schaffel
 Kacir, Kent Charles
 Kennedy, Richard K.
 Kestner, Justin T.
 Kiefer, Timothy A.
 Kolanko, Joseph Ted
 Kopf, James Harold
 Krafft, Christopher Alan
 Kramm, Robert Edward
 Landsverk, David Dean
 Lang, Gabriel William

LeBlanc, Kent James
 Lewis, Jeffrey A.
 Linton, Lloyd H.
 Loftus, Michael
 Lohman, John Scott
 Luke, David Ashley
 MacQueen, Stephen V.
 Matthews, John Bradley
 Matthews, William H.
 McCann, James Patrick
 McDonald, Chad Stuart
 McFarland, Jonathan David
 McGuire, David Owen
 Michael, Samuel A.
 Mimouni, Nabil
 Morff, Eric W.
 Mussetter, Robert Alan
 Newton, Joseph Michael
 North, Jr. David Kenneth
 Oakes, David Carl
 Peek, Jennifer L.
 Persing, Theodore Edward
 Piercey, Martin Leander
 Pietras, Brian Kristofer
 Presley, John Mark
 Putnam, Carl M.
 Ratcliff, Michael A.
 Rich, Ronald Neal
 Rogers, Gregory Cornwell
 Schallert, John Gabriel
 Schwemmer, Martin D.
 Seavers, Randall D.
 Sibley, Steven Chauncey
 Smiley, Matthew Lee
 Springer, Joseph Reese
 Stager, Todd Neal
 Stalcup, Thomas E.
 Steigman, Gary James
 Stewart, Willy Edward
 Strack, Gary Dale
 Strosnider, Lori Lynn
 Sutryn, Gary E.
 Thibodeaux, II Philip Lee
 Thomson, Charles A.
 Truong, Vy Tien
 Turner, Charles Robert
 Turner, Ryan A.
 Veney, Jr. Berry Landon
 Wade, Dawn Marie
 Walls, Richard Joseph
 Watts, James Alvin
 Weiland, David Michael
 Werner, Jack Allen
 Whitley, Larry Kenneth
 Williams, Keith Allen
 Williams, Robert Michael
 Yanke, Steven Jay
 Zaralban, Robert M.

Professional Land Surveyors

Faison, William Leigh

Engineer Interns

Chen, Pin-Chuan
 Drouant, Bradley Wayne
 Harrison, David Andrew
 Henry, Kristy Nicole
 Humphries, William Derek
 Li, Xiugang
 Loizidis, Konstantinos
 Martinez, Heather Michelle

Matherne, Jesse Michael
 Raush, Jonathan Richard
 Satyamurthy, Ranjan
 Semiz, Murat
 Sit, HoChi
 Starkey, Carl Ray
 Wilson, Lehan Merritt
 Zhang, Hong

Engineering Firms

Advanced Technology Engineering Group, LLC
 Ben C. Gerwick, Inc.
 Berger/ABAM Engineers, Inc.
 Bethel Engineering and Technology Services, Inc.
 Blake Wilson Engineering, L.L.C.
 Bolinger Engineering Consultants, L.L.C.
 C&C Engineering, Inc.
 Chemtrusion, Inc.
 Concept Design, Inc.
 Concord Engineering
 Delta-T Corporation
 Design Engineering Consultants, L.L.C.
 Dewberry & Davis LLC
 Dis-Tran Packaged Substation, LLC
 Dodson & Associates, Inc.
 ECS Southeast, LLC
 EET, L.L.C.
 Ensaf, Inc.
 Eustis Engineering Services, LLC
 Farnsworth Group, Inc.
 Fox-Nesbit Engineering, LLC
 Gallet & Associates, Inc.
 GeoConsultants, LLC of Louisiana
 Gibbens Drake Scott, Inc.
 Global Design and Solutions, Inc.
 Hammel, Green and Abrahamson, Minnesota
 Horne Engineering Services, LLC
 ILD, Inc.
 Lamanna Engineering Consultants, LLC
 Lobell Engineering and Land Surveying, LLC
 Marshall & Bollwerk Engineering, Inc.
 McCown Engineering, LLC
 Michael Brady Inc.
 Mussetter Engineering, Inc.
 Phillips Engineering, Inc.
 Project Design Group, Inc.
 Ray Engineering Group, LLC
 S J Campbell & Associates, Inc.
 Schweitzer Engineering Laboratories, Inc.
 Silver Creek Engineering, Inc.
 Smith-Fontenot Engineering, LLC
 Sports Engineering Technologies, Inc.
 Staley Consulting
 Steeltek Building Systems
 Structural Associates, Inc.
 Structural Design, Inc.
 Structural Engineers, P.C.
 Telvent Farradyne Inc.
 The Design Build Group, LLC
 The Estopinal Group, LLC
 Therm-A-Cor Consulting, Inc.
 Trecon L.L.C.
 Watson Engineering, Inc. of Florida
 Weaver Boos Consultants, LLC

Land Surveying Firms

Bayou Country Surveying, LLC
 Foster & Associates, Inc.
 Lobell Engineering and Land Surveying, LLC
 Marine Surveys, LLC
 Moreau Professional Land Surveying, LLC

PRESIDENTIAL PRIVILEGE

By Kevin E. Crosby, P.E., P.L.S.



Kevin E. Crosby, P.E., P.L.S.
Louisiana Engineering Society President

Over the past year, I have heard and read a lot of negative things about Louisiana. At first, some of the things that I have seen and heard made me angry. Then I thought, what am I doing to make Louisiana a better place to live? I know each of you have seen and heard the same things I have over the past year. What are you doing to improve our state? Surely, there are things we could do to make our state better. I believe our profession, as a whole, does not get involved as it should in community, political, and professional issues. There are numerous individuals within the Louisiana Engineering Society (LES) that could make a big impact in local and state issues. I challenge each of you to make a positive difference in something each day.

LES promotes two (2) activities for junior high students, MATHCOUNTS and Future Cities. Each year your chapter of LES holds local competitions for both activities. The winners go to the state competition and vie for a chance to compete on the national level. Both activities need volunteers to work with the various schools and help with the competitions. These competitions promote skills that engineers use and promote engineering as a career choice. Please contact your local chapter presidents and volunteer today. You could do something that may encourage a child and make a lasting change in their life.

In my opinion, one of the positive changes lately has been in the recent statewide election. Amendment No. 3 called for levee district reform and consolidation in the New Orleans area

and was passed by voters. I would like to thank Craig Dooley, P.E. and the New Orleans chapter for educating the voters in your area about Amendment No. 3 and openly expressing a vote of support. I am currently on the Nominating Committee for the Southeast Louisiana Flood Protection Authority Board of Commissioners. The bill requires five of the members on the East Authority and three of the members on the West Authority to be an Engineer or a professional in a related field such as geotechnical, hydrological, or environmental science. The bill has a lengthy description regarding the requirements of each individual. I need the members of LES to contact me if you know of anyone eligible and willing to be nominated.

I recently sent an email to all LES and ACEC/L members regarding an infrastructure funding initiative for LDOTD. LES and ACEC/L have joined with Louisiana AGC, the Concrete & Aggregate Association (CAAL), the Louisiana Asphalt Pavement Association (LAPA) and construction equipment dealers to develop and promote an improved highway program in the State of Louisiana. The current state highway funding program is critically short of funds to plan, construct and maintain an adequate transportation infrastructure system. I checked today with ACEC/L and LAGC to track contributions by our organizations and found that only nine engineering companies have contributed to this effort. After reviewing some of the recent short lists, I realize that the number of companies promoting this initiative is far less than the companies performing work let by LDOTD. This

initiative will move forward without the help of the engineering community, but it would be a shame to see this much needed program go forward without everyone doing their share. All firms that perform LDOTD work need to contribute to this effort. This effort is not just about increasing the amount of LDOTD work, it is about improving the highway infrastructure in the State of Louisiana. It will be difficult to recruit businesses to come to Louisiana when the roads are in terrible shape due to a lack of funding. I realize this effort is like a lot of other projects where 10% of the people do 100% of the work. We have a responsibility to the public to be leaders. From looking at the list of contributors, we have a significant number of firms that need to step up to the plate.

As many of you know, Mark Segura, P.E. recently passed away due to a fatal car accident. I would like to offer a word of encouragement and send my prayers to his family. A situation like this reminds one that you are not promised tomorrow. Go out, get involved and make a positive difference today.

SOCIETY NEWS

By: Brenda Gajan
LES Executive Director



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Calendar of Events

November, 2006

- 10 Honors & Awards nomination deadline
- 13-14 LAPELS Board Meeting - LES State Office
- 17 LES Board Meeting and Honors & Awards Selection Committee Meeting - LES State Office
- 17 LEF Board Meeting - LES State Office

January, 2007

- 5-27 Future City Regional Competition
- 8-9 LAPELS Board Meeting - LES State Office
- 10 11th JESC Planning Meeting - LES State Office
- 12 Executive Committee Meeting
- 15 Deadline for copy, Louisiana Journal, February issue
- 17 LES Board of Direction Meeting - LES State Office
- 17 LEF Board Meeting - LES State Office
- 17-18 11th JESC Conference and LES State Honors & Awards Spring Meeting - Baton Rouge River Center
- 26 Future City State Competition - Alexandria
- TBA P.E. Ceremony - Baton Rouge

<http://www.les-state.org>

Visit Us On The Web

- Order LES products; desk caddies, lapel pins, license plate, Centennial book.
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LONG RANGE PLANNING

By: Alan Krouse, P.E.

We have been moving forward through this year as scheduled, grateful that a hurricane has not revised our plans as it did last year.

We will begin 2007 with our annual JESC Conference January 17 & 18th. The conference will be held in Baton Rouge at the River Center in conjunction with the LOBO's trade show. This is the first time we have joined them in such an event, and we are optimistic the results will prove beneficial to join them for future events. Please make plans to attend the conference - all details can be found within this issue and at www.les-state.org.

Our annual meeting will once again be held at SanDestin

on June 24-27, 2007. We would like to see everybody there for PDH seminars, golf, swimming and the passing of the reins and staff to next year's board.

In addition to the state's two big gatherings noted above, respective chapters have monthly meetings and we encourage your involvement at all levels for maximum benefit.



Alan Krouse, P.E.

NEW MEMBERS

Alexandria

Mark Bordelon, P.E.
Kenneth Lacroix, E.I.
Joel Perrotti, E.I.
Christopher R. Thibodeaux, P.E.

Baton Rouge

Bevin N. Adams, E.I.
Megan Allain, E.I.
Applied Foundation Testing
Jonathan Bakke, E.I.
Thomas Burbank, E.I.
Cali & Laplace Engineers, LLC
John Dizinno, P.E.
Courtney Doolittle, E.I.
John Guidry, E.I.
Kathryn Kamp, E.I.
Paul Kocke, Student
Nicole Lirette, Student
Babak Naghavi, P.E.
Christopher Normand, P.E.
John Prejean, P.E.
Eric Roan, P.E.
Fang-Fu Tang, P.E.
TRC Engineers, Inc.
Kristy Henry Watts, E.I.

Bayou

Timothy Kay, Student

Lafayette

Michael W. Aymond, Student
Stacey Dupre, E.I.

Eric Fontenot, E.I.
Jeremy Hoffpauir, P.E.
Vertie Jordan, Student
Boone Larson, Student
Justin Lorio, E.I.
Craig Noel, Ind.Sust.
Ashley Theall, E.I.

Lake Charles

Marla K. Begnaud, P.E.
Christopher Fuselier, E.I.
Travis Horton, Student
Kinuyo O'Quinn, E.I.
Michael Rogers, E.I.
Clifton Vanicor, E.I.
Nichelle Willmore, E.I.

Monroe

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David Garig, P.E.
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Robert Jenkins, E.I.
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New Orleans

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David Day, P.E.
Ryan Fontenot, E.I.
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Sung-Hee Kim, P.E.
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Joel Lasseigne, E.I.
Lewis May, E.I.
Johnny McDonald, E.I.
Stephen Nunnery, E.I.
Kathleen Putsch, E.I.
Michael Schexnailder, E.I.
Patrick Slattery, E.I.

THE GIFT OF MEMBERSHIP - NEW LES RECRUITMENT PROGRAM

LES announces the following recruitment program, effective November 1, 2006 – May 31, 2007.

A member who recruits three (3) new paying members will receive a \$50 gift card.

A member who recruits five (5) new paying members will receive a \$75 gift card.

The chapter that results in the most new paying members recruited through this program will receive \$300.

(Gift program and recruiting member name must be noted. 6 Month Free offer membership not applicable.)

MATHCOUNTS®

COUNT ME IN!

The MATHCOUNTS Foundation is celebrating its 24th year. This program offers hundreds of junior high students a two-part workout to strengthen their numerical know-how and polish their polynomial pride. MATHCOUNTS, a nationwide math coaching competition program, encourages and prepares students to pursue mathematics in high school and beyond by making the subject as fun and exciting as a school sports event.

The MATHCOUNTS programs starts in September with the free distribution of MATHCOUNTS "coaching" materials to math teachers nationwide. Materials focus on problem solving, analytical thinking, exploration, and teamwork. Next, throughout the fall teachers use the prepared "warm ups" and "work outs" as supplement classroom material or as an extra-curricular activity to spark seventh and eighth graders interest and achievement in math.

MATHCOUNTS really gets underway in February with local competitions around the state. Winning teams and individuals then progress to the State-level competition held in March. The top students from the state-level competition will finally progress to the national-level competition in May.

2007 Competition Dates

Chapters: February 1 – 25
State: March 15 – 16
Holiday Inn - Baton Rouge

National: May 10-13
Fort Worth, Texas

The MATHCOUNTS Foundation expects 350,000 students to take part in MATHCOUNTS this year. Since the program began in 1983, over three million students have participated in MATHCOUNTS coaching and competition.

Today's children need every opportunity to achieve in math to succeed in the new economy. MATHCOUNTS not only engages students in creative approaches to learning mathematics, but it also helps to create tomorrow's problem solvers in all areas of society. Help make MATHCOUNTS available to more students in this new school year! Please consider making a contribution to this worthy program. Remember, contributions are tax deductible.

For more information about MATHCOUNTS or to obtain a free school coaching kit, contact Brenda Gajan at the Louisiana Engineering Society at (225) 924-2021 or les@les-state.org.

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You know that you're on a winning team with MATHCOUNTS. You may have supported us in the past years. If so, we want to say "THANKS" in a big way! Our fund-raising campaign for 2006-2007 is getting underway, and we hope that you will support us this year. Please pick a team position from below, clip this form from the magazine, and mail it by December 31, 2006. MATHCOUNTS is an education program of LESEF, Inc. LESEF, Inc. is a nonprofit tax-exempt 501 (c) (3) corporation. Your contribution is tax deductible (you will receive an acknowledgement.) **Select a Team Position:**

- ☐ The Underwriter (\$5,000) ☐ The Major Sponsor (\$2,000)
- ☐ The State Sponsor (\$1,000) ☐ The Sponsor (\$500)
- ☐ The Contributor (\$250) ☐ A Supporter (\$150)
- ☐ Check enclosed for \$ _____ ☐ Pledge of \$ _____/Bill Me

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Mail to: Brenda Gajan, State Coordinator
LESEF-State Mathcounts
9643 Brookline Ave., Ste. 116
Baton Rouge, LA 70809
Phone: (225) 924-2021
Email: les@les-state.org

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Thank You! We appreciate your support!

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AIChe American Institute of Chemical Engineers

Baton Rouge Section
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ASABE American Society of Agricultural/Biological Engrs

Louisiana Section District 2
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ASCE American Society of Civil Engineers

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ASME American Society of Mechanical Engineers

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ASME American Society of Mechanical Engineers

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ACEC/L American Council of Engineering Co's of La

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AIAA American Institute of Aeronautics and Astronautics

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ASHRAE American Society of Heating, Refrigerating, and Air Conditioning Engineers

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11th Joint Engineering Society Conference

Louisiana Engineering Society

Time						Time	
1/17/07 WEDNESDAY							
7:00 - 8:00 AM	Registration/ Information	EXHIBIT SETUP					7:00 - 8:00 AM
8:00-8:50 AM			Moisture Control in Construction Clyde Betz	Work Needed As Lights Go Out Ron Albarado	Surveying Min. Stnds.Pt.1 Estopinal	8:00-8:50 AM	
9:00- 9:50 AM			Fed.Funding Reconstruction Dan Lavergne	Emerg.Generator Installation Ben Hawn	Surveying Min.Stnds.Pt.2 Estopinal	9:00- 9:50 AM	
10:00 am		EXHIBITS OPEN	Exhibition Hall Opens				10:00 AM
10:30- 11:20 AM			Cont.Load Path Construction Rusty Miller	N.O. Sewerage & Water Board John Ehlers	Surveying Min. Stnds.Pt.3 Estopinal	10:30- 11:20 AM	
11:30- 12:20 PM			Name Hurricane Damage Causes Subhash Kulkarni	Fiber Optics Future Commerce Terry Huval	Surveying Min.Stnds.Pt.4 Estopinal	11:30- 12:20 PM	
12:20- 1:30 PM			Lunch in Exhibition Hall				12:20- 1:30 PM
1:30- 2:20 PM			Green Buildings Dr. Jason Shih	High Wind Frame Conn. Guide Sid Montecino	International Building Code Wynn White	1:30- 2:20 PM	
2:30- 3:20 PM			Grant Funding Sheri Lazare	Patent Trademark Copyright Brett North	To Come	2:30- 3:20 PM	
3:30- 4:20 PM			Grant Writing Sheri Lazare	Trenchless PVC Pipe Mike Glasgow	To Come	3:30- 4:20 PM	
4:20-6:00 PM			Social in Exhibition Hall				4:20-6:00 PM
6:00-8:00 PM		Board Meeting				6:00-8:00 PM	
1/18/07 THURSDAY							
7:30- 8:00 AM	Registration/ Information					7:30- 8:00 AM	
8:00- 8:50 AM			Mike Lebas	Proactive Utilities Management Mark Pitchford	To Come	8:00- 8:50 AM	
9:00- 9:50 AM			Mike Lebas	To Come	To Come	9:00- 9:50 AM	
10:00 am		EXHIBITS OPEN	Exhibition Hall Opens			10:00 am	
10:30- 11:20 AM			To Come	To Come	To Come	10:30- 11:20 AM	
11:20- 12:00			Break in Exhibition Hall			11:20- 12:00	
12:00- 2:00 PM			LES Awards Luncheon				12:00- 2:00 PM
2:00- 2:50 PM				Ethics Thomas Gardner			2:00- 2:50 PM
3:00- 3:50 PM			To Come	To Come	To Come	3:00- 3:50 PM	

11th LA Joint Engineering Societies Conference

January 17 & 18, 2007

River Center, 102 France Street, Baton Rouge, LA 70802
(225) 389-3030

Please fill out the registration form and mail with a check to:

Louisiana Engineering Society

9643 Brookline Ave., Ste. 116

Baton Rouge, LA 70809

Or fax your credit card order to (225) 924-2049

For further information, call LES at (225) 924-2021

Limited Seating - Register ASAP!

Pre-registration deadline is January 5, 2007

No refunds will be given after this date.

Check all that you will be attending:

Participating Society Member:

Non-Member:

Student:

Wednesday Boxed Lunch in Exhibit Hall:

Thursday Awards Luncheon:

Check One: Fish _____ Brisket _____ (Thu. Luncheon)

\$125 _____

\$225 _____

\$ 25 _____

\$ 17 _____

\$ 20 _____

Registration after 1/5/07

\$175 _____

\$275 _____

\$ 35 _____

\$ 22 _____

\$ 25 _____

Total fees remitted: _____

NAME: _____ REG.GRADE: PE _____ EI _____ PLS _____

COMPANY NAME: _____

ADDRESS: _____

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PLEASE CHECK: VISA _____ MASTERCARD _____ (WE DO NOT ACCEPT AMERICAN EXPRESS)

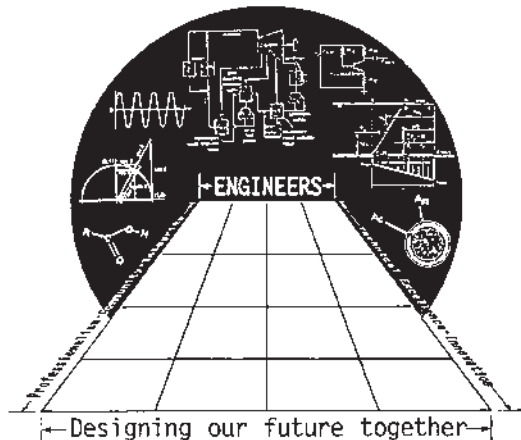
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Please circle all technical societies you belong to. If any are not listed, please write them in the blanks. No society membership is required to attend.

ACEC/L AEE AIAA AICbE API ASABE ASCE ASHRAE ASME CSI IEEE IES ISA ITE
LEF LES LSPS SPE SWE OTHER SOCIETY: _____

For overnight accommodations call the Sheraton Convention Center Hotel (225) 242-2600. Their location is 102 France Street, Baton Rouge, LA 70802. The special conference rate is \$132 per room. You must state that you are attending the JESC to receive this rate. **Hotel reservation deadline is January 5, 2007.**

11th Joint Engineering Societies Conference



**January 17 & 18, 2007
Baton Rouge River Center**

RESERVE BOOTH SPACE NOW

Registration information at www.les-state.org

You have just over a month to take steps that may lower your 2006 income taxes!



Each year brings new tax law changes, so it's time to check your options. It's not too late to make a charitable contribution. MATHCOUNTS and Future City Competition donations before December 31 can help out next April.

**Mail check to LESEF,
9643 Brookline Avenue, Suite 116,
Baton Rouge, LA 70809 before year end.**

United States Postal Service
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PS Form 3526, October 1999 (See Instructions on Reverse)

13. Publication Title Louisiana Engineer & Surveyor Journal	14. Issue Date for Circulation Data Below August 2006
15. Extent and Nature of Circulation	Average No. Copies Each Issue During Preceding 12 Months
a. Total Number of Copies (Net press run)	19,255
(1) Paid/Requested Outside-County Mail Subscriptions Stated on Form 3541 (Include advertiser's proof and exchange copies)	18,861
(2) Paid In-County Subscriptions Stated on Form 3541 (Include advertiser's proof and exchange copies)	18,736
b. Paid and/or Requested Circulation	0
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c. Total Paid and/or Requested Circulation (Sum of 15b(1), (2), (3), and (4))	19,114
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e. Free Distribution Outside the Mail (Carriers or other means)	71
f. Total Free Distribution (Sum of 15d and 15e)	71
g. Total Distribution (Sum of 15c and 15f)	19,185
h. Copies not Distributed	50
i. Total (Sum of 15g and h)	19,255
1. Percent Paid and/or Requested Circulation (15c divided by 15g, times 100)	100%
16. Publication of Statement of Ownership <input type="checkbox"/> Publication required. Will be printed in the Nov 2006 issue of this publication. <input checked="" type="checkbox"/> Publication not required.	
17. Signature and Title of Editor, Publisher, Business Manager, or Owner Brenda W. Gajan, Executive Director	Date 9/1/06

I certify that all information furnished on this form is true and complete. I understand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fines and imprisonment) and/or civil sanctions (including civil penalties).

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PS Form 3526, October 1999 (Reverse)

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Dr. Daniel D. Reneau	1970
Davis S. Huval	1971
Dr. Rodolfo J. Aguilar	1972
Blaise M. Carriere	1973
E. Raymond DesOrmeaux	1974
J. Alvin Badeaux	1975
Eric J. Guilbeau	1976
John W. "Billy" Moore	1977
John J. Bergeron	1978
James F. Guion	1979
Kerry J. LaBauve	1980
Dale T. Hunn	1981
Michael V. Aderman	1982
Ashton B. Avegno	1983
James A. Ragland	1984
Ronald J. Rodi	1985
Robert A. Brossette, Jr.	1986
James C. Wernicke	1987
Dr. Leslie K. Guice	1988
John A. Guillot	1989
Donald C. Carter	1990
J. Andy Craig	1991
Linda Keith Hillman	1992
Michael B. Songy	1993
James N. Moore	1994
John J. Plaisance, II	1995
Susan H. Richard	1996
Mark W. Snow	1997
Christopher K. Richard	1998
Gregory P. Sepeda	1999
Matthew J. Wallace	2000
Barbara E. Featherston	2001
Kevin E. Crosby	2002
Dana Montet Simon	2003
Rebecca A. Johnson	2004
Boyd Holmes	2005
Gavin P. Gautreau	2006

THE ANDREW M. LOCKETT CIVIL ACTIVITIES MEDAL

Lester F. Alexander	1951
Harold C. Leonard	1952
A. B. Paterson	1953
Arthur J. Naquin	1954
Not Awarded	1955
Homer G. Fritchie	1956
Frank H. Coughlin	1957
Neville Levy	1958
Not Awarded	1959
Franklyn G. Hornsby	1960
Clayton L. Nairne	1961
Not Awarded	1962
Richard R.L. Ward	1963
W. J. Evans	1964

Edwards S. Bres	1965
Jeffery H. Collins	1966
U. J. Gajan	1967
H. Nash Ogden	1968
Not Awarded	1969
Dean Ben T. Bogard	1970
Max M. Merrick	1971
James S. Janssen	1972
Elmer E. Shutts	1973
Irwin R. Schneider	1974
Charles A. Killgore	1975
D. Allan Collette, Jr.	1976
Frank H. Walk	1977
Paul W. Murrill	1978
Hugh B. Balfour	1979
Edward W. Midlam	1980
Marion J. Chaney	1981
Rodney M. Vincent	1982
Waldemar S. Nelson	1983
T. Dudley Hixson	1984
Mack Abraham	1985
John E. Ritter	1986
Not Awarded	1987
John T. Roberts	1988
Virgil Orr	1989
Wayne E. Staton	1990
James L. Meyer	1991
Bobby E. Price	1992
John W. "Billy" Moore	1993
Jerry G. Lazenby	1994
A. J. Szabo	1995
D. Walter Jessen, Sr.	1996
Thomas L. Holtzclaw	1997
Robert R. Aillet	1998
Peter R. Quirk	1999
Ben J. Haney	2000
Dale T. Hunn	2001
Emmett G. "Pete" Dammon	2002
Bodin A. Hugger	2003
Charles W. Nelson	2004
Louis J. Capozzoli	2005
Darrell K. Jones	2006

JAMES M. TODD TECHNOLOGICAL ACCOMPLISHMENT MEDAL

A. Baldwin Wood	1951
Edwin L. Dennis	1952
C. Glenn Cappel	1953
Alexis Voorhies	1954
Not Awarded	1955
Wiley D. Poole	1956
Irven E. Hanson	1957
Jesse Coates	1958
William B. Gurney	1959
Robert J. Kuhn	1960
Not Awarded	1961
Not Awarded	1962
Not Awarded	1963
Joseph H. Barnell	1964

Armand L. Willoz	1965
Frederick W. Zur Burg	1966
Clifford M. Cockrell	1967
Not Awarded	1968
Not Awarded	1969
Paul W. Murrill	1970
Roger W. Richardson	1971
Not Awarded	1972
George L. Heller	1973
Frank W. Macdonald	1974
Walter E. Blessey	1975
Philip W. Bohne	1976
John C. Copes	1977
Louis J. Capozzoli, Jr.	1978
Pierre A. Lapeyre	1979
Not Awarded	1980
J. Bres Eustis	1981
Hugh A. Thompson	1982
Roy W. Schubert	1983
John E. Chance	1984
Michael W. Flores	1985
Not Awarded	1986
Not Awarded	1987
Robert S. Jones	1988
Charles W. Hair, III	1989
Geoffrey R. Say	1990
James L. Rike	1991
D. Thomas Iseley	1992
Ernest L. Kistler	1993
Jay Charles Smith	1994
James P. Ledet	1995
John R. Collier	1996
Dr. Janardanan O. Uppot	1997
William E. Simon	1998
Not Awarded	1999
Vijay P. Singh	2000
Roger D. Danzy	2001
Ehab Amin Meselhe	2002
John A. McCorquodale	2003
Bhaskar Kura	2004
R. Richard Avent	2005
Dr. Xiaoduan Sun	2006

LEO M. ODOM SERVICES TO THE PROFESSION AWARD

Leo M. Odom	1972
Roger W. Richardson	1973
Marshall B. Ewing	1974
Farrell W. Adams	1975
A. J. Szabo	1976
Waldemar S. Nelson	1977
J. J. Thigpen	1978
Fred C. Culpepper, Jr.	1979
David L. Johnson	1980
James L. Meyer	1981
Francis C. Roy	1982
James W. Reeves	1983
Arthur A. DeFraities, Jr.	1984
Lamon L. Moody	1985
Bobby E. Price	1986

C. Carter Brown	1987
Edward J. McNamara	1988
Frank H. Walk	1989
James S. Janssen	1990
H. L. Henry, Jr.	1991
John E. Ritter	1992
Robert D. Fenner	1993
Albert J. Dunn	1994
Thomas D. Hixson	1995
Glynn P. Gautreau	1996
Kerry J. LaBauve	1997
James D. Mohr	1998
Louis J. Capozzoli	1999
Dale T. Hunn	2000
Charles W. Hair	2001
Ali M. Mustapha	2002
Allison J.P. "Sonny" Launey	2003
Charles G. Coyle	2004
Chris Demopolous	2005
Ted Thompson	2006

THE A. B. PATERSON MEDAL ENGINEER IN MANAGEMENT MEDAL

John R. Gaugler	1965
Harrell R. Smith	1966
Vertrees Young	1967
Z. W. Bartlett	1968
Not Awarded	1969
J. W. Affolter, Jr.	1970
Lionel J. Cucullu	1971
Fred C. Culpepper	1972
Clayton L. Nairne	1973
Andrew M. Moore	1974
William C. McCollam, Jr.	1975
Robert E. Chappuis	1976
Raymond E. Pillow	1977
Edward J. McNamara	1978
Roger P. Guissinger	1979
Malcolm L. Hurstell	1980
Lamon L. Moody	1981
Waldemar S. Nelson	1982
Richard A. Matula	1983
George J. Groh	1984
Frank H. Walk	1985
William C. Smith	1986
Gerald M. Haydel	1987
Daniel D. Reneau	1988
Eugene H. Owen	1989
Edgar P. Benoit	1990
Neil L. Wagoner	1991
Arthur F. D'Aquin, Jr.	1992
William J. Thevenote, Jr.	1993
Michael A. Schulz, Jr.	1994
Kam K. Movassaghi	1995
Arthur A. DeFraities, Jr.	1996
Richard A. VanWooten	1997
Ray W. Burgess	1998
James L. Meyer	1999

continued on next page

Joseph C. Wink, Jr.	2000
Lloyd G. Hoover	2001
Terry J. Huval	2002
John Crisp	2003
Dr. Leslie K. Guice	2004
Ernest P. Breaux, Jr.	2005
Lloyd E. "Buddy" Porta, Jr.	2006

CHARLES M. KERR PUBLIC RELATIONS AWARD

J. Mason Guillory	1965
Not Awarded	1966
Not Awarded	1967
Not Awarded	1968
Not Awarded	1969
Not Awarded	1970
Lamon L. Moody	1971
Not Awarded	1972
Leo M. Odom	1973
Roy T. Sessums	1974
Waldemar S. Nelson	1975
Not Awarded	1976
Not Awarded	1977
Daniel H. Vliet	1978
James S. Janssen	1979
Not Awarded	1980
Not Awarded	1981
Not Awarded	1982
Duane F. Bruley	1983
Frederick J. Brown	1984
James L. Meyer	1985
Kerry J. LaBauve	1986
James C. Webb	1987
Wilfred B. Barry	1988
Not Awarded	1989
Jack T. Painter	1990
Carl A. Jakob	1991
Michael N. McGaugh	1992
Jerry G. Lazenby	1993
Not Awarded	1994
Leslie K. Guice	1995
George J. Mahl, III	1996
Prosper J. Toups, Jr.	1997
John N. Crisp	1998
Allison J.P. "Sonny" Launey	1999
Not Awarded	2000
Emmett G. "Pete" Dammon	2001
Not Awarded	2002
Not Awarded	2003
Jim Rike	2004
Not Awarded	2005
Not Awarded	2006

WALDEMAR S. NELSON PRESIDENT'S AWARD

Bobby E. Price	1996
Dale T. Hunn	1997
Thomas D. Hixson	1998
Frank P. Gallagher, III	1999
John K. "Jack" Laws	2000
John J. Plaisance, II	2001

Theodore H. Thompson	2002
J. Madison Drake	2003
Christopher K. Richard	2004
Scotty Baudoin	2005
Alan D. Krouse	2006

DUDLEY HIXSON

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Thomas Dudley Hixson	2005
Bobby E. Price	2006



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Survey Technician

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Party Chief

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Instrument Man & Rod Man

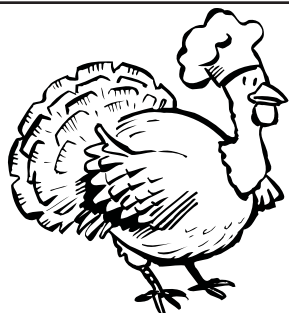
Operate GPS, conventional total stations, data collectors, and other surveying equipment. Working knowledge of survey equipment and field experience preferred.

Acoustic Technician

Collect field data using sonar profiling systems and capable of analyzing data. Experience in acoustic imaging and/or measurement is required.

Submit letter of interest, and resume to: C. H. Fenstermaker and Associates, Inc., 135 Regency Square, Lafayette, LA 70508, Attn: Human Resources. Resumes can also be sent via email to resumes@cfenstermaker.com. No phone calls, please.

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**HAPPY HOLIDAYS
FROM THE LES STAFF**

MR. A. J. SZABO, PE, NSPE FELLOW

Mr. August J. (A.J.) Szabo was recently presented with his NSPE Fellow certificate and pin at the LES - Lafayette Chapter's monthly meeting. The NSPE Board of Directors established the Fellow recognition program to honor those licensed members who have demonstrated exemplary service to the profession, the Society, and the community. Service should include contributions in the national arena, such as prominent participation in NSPE and its state societies.

Mr. Szabo has been extremely active in the engineering profession over his career. Mr. Szabo is Co-founder of Domingue, Szabo & Associates, Inc., a consulting and surveying firm in Lafayette. He has served as President of the Louisiana Engineering Society, President of the Louisiana Engineering Foundation and NSPE Director.

He has achieved Life Member status with several organizations including the American Academy of Environmental Engineers, American Society of Civil Engineers, American Water

Works Association, Louisiana Engineering Society, National Society of Professional Engineers, and the Water Environment Federation.



Mr. Szabo has been recognized by his peers and been awarded the;

- Arthur Sidney Bedell Award from the Federation of Sewage and Industrial Waste
- George Warren Fuller Award from the American Water Works Association
- Lifetime Achievement Award by the Louisiana Engineering Society and the American Society of Civil Engineers, Louisiana Section.
- Leo Odom Award by the Louisiana Engineering Society
- Andrew M. Lockett Medal by the Louisiana Engineering Society.

Mr. Szabo has been very active in his profession and community and the Lafayette Chapter was very proud to present him with this honor.

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Why do Project Managers fail?

P-7002, Be a Successful Project Manager, Page 37

Are shallow, isolated cracks in concrete caused by settlement or some other mechanism?

C-2006, Concrete Distress and Deterioration, Page 12

Should I use a ball, composition or plug disk globe valve in high pressure, throttling service?

M-4001, Valve Fundamentals, Page 19

What's the primary cause of short circuits in electrical conductors?

E-1003, Overcurrent Protection, Page 1

How can a 100-year event have only a 63% chance of occurring in 100 consecutive years?

C-1009, Truly Understand What 'Year Event' Really Means, Page 1

Should a bridge exposed to the weather be topcoated with an acrylic urethane or an epoxy urethane?

MA-4001, Coating Types and Characteristics, Page 10

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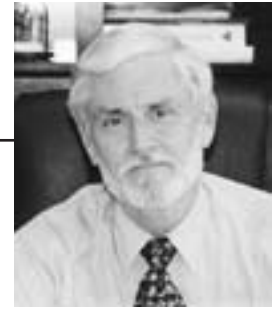
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THE SPEC SHEET

Warren J. Wilder
Executive Director



Warren J. Wilder
Executive Director

REMEMBER WHEN...

When did "The Spec Sheet" start? In the latter half of 1981 (25 years ago!), the American Council of Engineering Companies of Louisiana (ACEC/L) was approached by the Louisiana Engineering Society and was offered the opportunity to place an article in this magazine, which back then was entitled "Louisiana Engineer." The articles would be geared toward the business and management aspects of the engineering practice. I decided that each year we would feature our current ACEC/L President on the cover of the monthly magazine. The December 1981 issue was the first time we did this. The December cover featured a Baton Rouge engineer, Robert W. McKenzie, P.E., Rayner & McKenzie, Inc. Other members of the 1981-1982 Board of Governors included Peter R. Quirk, P.E., New Orleans (President-Elect), Robert D. Fenner, P.E., Shreveport (National Director), Vernon F. Meyer, P.E., Sulphur (Vice President), Don Chesson, P.E., Baton Rouge (Treasurer), three Members-at-Large, Simmons J. Barry, P.E., Baton Rouge, Larry A. McKee, P.E., Baton Rouge, and Lindsey J. "Red" Aucoin, P.E., Eunice. Chapter Presidents were Art E. Meyer, Jr., P.E., Alexandria Chapter, Thomas A. Fromherz, P.E., New Orleans Chapter, S.P. Bertrand, P.E., Baton Rouge Chapter, James M. Poche', P.E., Lafayette Chapter, and Donald R. Harrison, P.E., Monroe-West Monroe Chapter.

25 years ago, we published an article in the "Spec Sheet" that was written by Peter R. Quirk, P.E., executive vice president of Walk, Haydel & Associates, Inc., New Orleans. The article addressed ACEC's new Project Management Method. I have reproduced that article:

TOTAL RESPONSIBILITY: FREEDOM OF CHOICE

Changing times place new demands on those involved in the implementation of construction projects. Within the last few years, the size and complexity of projects have increased, emphasizing the need for effective project management and control schedules, costs, and quality. The use of multiple construction materials and equipment contracts has proliferated as has the use of the design-construct or turnkey approach to the building of larger projects. The thrust has been to phased construction, compressed schedules, and improved performance, all of which the design-construct firms claim as their province.

As a result of an in-depth evaluation of the scope and type of single source, single responsibility services offered by construction companies, construction management firms, and large A-E firms, then industry and utilities relations committee of the American Consulting Engineers Council in February 1973 proposed a formal project management method for

adoption by A-E firms. This is not a new technique, but a consolidation of a number of different, but related, services that design professionals have been employing in bits and pieces for a number of years.

The scope of project management, as outlined in ACEC's "Project Management Method...Something Better than Turnkey" brochure, provides for single source responsibility for the overall project execution. The engineering organization assumes complete responsibility for design and construction administration, with all, or most, of the services provided in-house. Excluded are equipment, materials, shop fabrication, and field construction, which are provided through competitive bidding or negotiation based on detailed specifications and drawings prepared by the design firm. These elements are procured, inspected, and coordinated by the consultant acting as an authorized agent for the client-owner.

More specifically, the project management design firm may offer overall project management, conceptual design, detailed design, bid document preparation, preliminary studies, value engineering, equipment and material purchasing, construction coordination and control, contractor selection and contract negotiation, and start-up and operator training. Not all clients will want all services, and some may wish to have their own engineering departments provide input or perform some of these services. By its very nature, the project management method is flexible enough to provide for these contingencies. What is important is that the design firm offer only those services in which it has capabilities (in some instances, it may choose to secure the services through an outside firm over which it would then maintain tight control).

Our firm believes that proper application of the project management method can achieve completion on schedule and within budget; low initial, operating and maintenance cost; operating flexibility; and economical and relatively easy expansion of the facility. Certainly the key elements are the need to complete the project on schedule and within budget. This requires maintaining cost control from the early conceptual stages through project definition, design procurement, and construction. It requires a detailed definitive cost estimate to use as a budget control tool and regular comparison of actual costs to budget. This allows the design firm to monitor cost trends so that alternative steps can be evaluated to maintain the overall budget.

The project management method of bringing a project to completion, as outlined by ACEC and practiced by our firm, allows full freedom and a full range of choices by the owner throughout the project execution. It has proven its benefit on a number of projects ranging in capital costs from \$100K to

more than \$100M, and we are continuing to make refinements in the areas of management, cost control, and overall planning and scheduling to improve this concept of project execution.

I would like to point out that although the acronym, "ACEC," is the same, the name of the national organization was changed several years ago from the American Consulting Engineers Council to the American Council of Engineering Companies. The Louisiana Member Organization's name was changed from Consulting Engineers Council of Louisiana to American Council of Engineering Companies of Louisiana.

***** **ACEC/L STILL PUSHING FOR FUNDING...**

ACEC/L continues to push Louisiana's engineering community and its members that do work with the LDOTD for contributions to help support the Transportation Public Awareness campaign. The organization has turned over \$37,500 to the Louisiana AGC to place in the Campaign account. By the time you read this article, the poll to determine the public awareness of LDOTD, its future funding problems, and the state of Louisiana's infrastructure in general will have been conducted, the results being made public toward the end of November. A professional firm was hired to conduct the poll and tabulate the results. A firm will also be hired to act as spokesman for the construction and design professional communities. ACEC/L is urging all engineering firms and ACEC/L members that do work for LDOTD to make a contribution to defray the expenses incurred by these firms and for a successful awareness campaign. LADOTD predicts that infrastructure funds will run out by 2009, and it will no longer be able to match federal funding after this date. The situation is very serious. It's not too late to be a part of the team. Send your check, made payable to "LAGC Highway Promotion Fund," to ACEC/L, P.O. Box 82859, Baton Rouge, LA 70884-2859.

***** **WHAT'S IN A NUMBER?**

As we move on through this maze called Life, we pick up various numbers that are important to us. Our vehicles are registered with a VIN number. We have a Social Security Number; insurance policy numbers; bank account numbers; ATM numbers; Numbers! Numbers! There is another number you may wish to add to your cornucopia of digits – your firm's ACEC Membership Number. This number is important when you attempt to order merchandise or documents from ACEC, or when you may wish to enter the "Members Only" secured section of the ACEC website. To find out what your number is, simply call the ACEC/L office at (225) 927-7704. We'll be happy to give it to you!

***** **ACEC/L WELCOMES NEW MEMBERS**

ACEC/L welcomes several new members aboard:

Design Tech Engineering, LLC., 112 Innwood Drive, Covington, LA. The three-person firm is headed by Dale A. Phil-

lips, P.E., and is qualified to offer civil/structural engineering services.

H. Davis Cole & Associates, LLC., is a two-person firm located at 5638 Superior Drive, Suite A, Baton Rouge, LA. The firm is qualified to offer services in General Civil Engineering, Water & Wastewater Treatment and Drainage. Davis Cole, P.E., a licensed Civil Engineer, is the head of this firm.

Civil Design & Construction, Inc., 6421 Perkins Road, Building B, Suite A, Baton Rouge, LA, offer services in Civil Engineering and Land Surveying. The seven-person firm is headed by Karla E. Weston, P.E.

Stanley Consultants, Inc., 300 St. Charles Street, Baton Rouge, LA, offers services in Civil Engineering and Water Resources. It is a branch office of the Muscatine, Iowa firm. The Baton Rouge office is headed by Brant B. Richard, P.E.

Wynn L. White Consulting Engineers, Inc., P.O. Box 83527, Baton Rouge, LA is headed by its owner Wynn White, P.E. The firm is qualified to offer Civil/Environmental and Mechanical Engineering. Wynn has accepted the chairmanship of the ACEC/L-LAGC Liaison Committee.

Domingue, Szabo & Associates, Inc., P.O. 52115, Lafayette, LA, has reinstated its over 30-year membership. Don Richard, P.E., is President/CEO of the firm. The Lafayette consulting engineering firm specializes in Civil Engineering, Environmental Engineering, and Water and Wastewater Treatment. Don has agreed to serve on the ACEC/L Board of Governors as the Lafayette Chapter President.

If you meet these people on the street or at meetings, please extend your hand in friendship and welcome them to the organization.

***** **WHAT IS ACEC/L?**

The American Council of Engineering Companies of Louisiana (ACEC/L) is a voluntary, non-profit, business-oriented organization whose primary mission is assisting the member engineering companies achieve a higher level of business success. ACEC/L achieves this mission by offering seminars throughout the year, effective lobbying during the state legislative sessions on behalf of the Louisiana engineering companies, and through regular contact with the Louisiana congressional delegation in Washington, D.C. ACEC/L, with a membership of 141 companies which represent over 32,200 employees, is a Member Organization of the national American Council of Engineering Companies (ACEC) headquartered in Washington, D.C.

ACEC/L maintains close liaison with other trade organizations and state agencies such as the Louisiana Department of Transportation and Development, the State Fire Marshal's Office, Facility Planning and Control, Department of Natural Resources, Louisiana section of the American Institute of Architects, Louisiana Engineering Society. If you want to learn more about this organization, please send an e-mail to cecl@bbipmail.com, or fax your request to (225) 927-7779.

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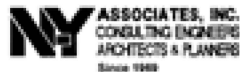
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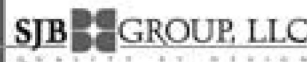
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Ryan J. Fuselier, P.E., P.L.S.
President
Louisiana Society of
Professional Surveyors

DID YOU KNOW? . . .

- **LSPS has donated over \$80,000 to the Nicholls "Geomatics Program"...**
- **There are five (5) realizations of NAD83...**
- **Vertical controls for all surveys shall be determined in the North American Vertical Datum of 1988 (NAVD88)...**
- **NGS has started their "Louisiana Height Modernization 2006"...**
- **North American Vertical Datum Conversion Utility "CORPSCON" & "VERTCON" is Out of Date...**

LSPS has donated over \$80,000 to the Nicholls "Geomatics Program"...

LSPS continues to preach to all surveyors the need to support our profession. Nicholls State University graciously stepped up to the plate and worked with LAPELS and LSPS to develop the first four year B.S. degree in "Geomatics" in the state. The first significant contribution by LSPS to the Geomatics program was a \$36,950 Trimble base station that is currently being outfitted to operate as a CORS station at Nicholls. The CORS station will be used by the students for research and training along with benefits for local surveyors. LSPS has just recently contributed \$30,000 for a new computer lab and \$10,000 for monies to be used for promotion of the program to High School students and recruitment. Relative to scholarships we have donated over \$3000 and will contribute more in the near future.

LSPS recognizes that continued support is critical to the success of this program and with the help of our past presi-

dent David Patterson, has developed an "Every Member Campaign" designed to call upon surveyors and firms for a monetary contribution. If we as surveyors won't invest in our future then who will? Please do your part and invest in the EMC campaign and help LSPS continue the support.

There are five (5) realizations of NAD83...

What does that mean? It simply means that over the past 20 years, technology has allowed scientist to refine the origin of this datum. The first realization of NAD83 was introduced in 1986 by a group of institutions representing the various North American countries to upgrade the previous reference system; that was the North American Datum of 1927 or NAD27. Nevertheless, the migration toward using GPS technology for deriving accurate heights lead to the second realization known as NAD83 (HARN). In late 1994, NGS introduced a third realization of NAD 83 when the agency organized a network of continuously operating reference stations (CORS). Improvements on the CORS network lead to the fourth and fifth realization known as NAD83 (CORS94) and NAD83 (CORS96) respectively.

How do the 5 realizations affect me as a surveyor? It should be noted that the NAD83 (HARN) latitude and/or longitude of a given control point may differ by up to a meter from its corresponding NAD83 (1986) coordinate. For a more detailed explanation of the development of NAD83 please refer to the article, "Modern Terrestrial Refer-

ence Systems, Part 2: The Evolution of NAD83" in Professional Surveyor dated February 2000.

NGS has started their "Louisiana Height Modernization 2006"...

In a letter dated October 3, 2006 NGS officially acknowledged the start of "Height Mod 2006" and the involvement of 27 parishes in the southern portion of Louisiana. The project will include a number of different components such as reobservation of the control marks updated last Fall (99-2004.65), the update or establishment of additional control points in all 27 parishes (approx. 225 marks), a possible small amount of leveling, GPS observations, gravity measurements, additional LSU/NGS CORS stations, a pilot multi-base RTK network in the SE portion of the state, and several new NOAA tide stations. The intention is to have new values for this entire reobservation available to the public by spring 2007.

Preparation for the above mentioned observations began with the recon for control marks back in February of this year. Actual GPS observations will involve the use of 24 GPS receivers that will log 18 hours of data per day, for two days on each mark. The GPS data being collected will be available for those who want it. The data will be collected using a 15 second

continued on next page

epoch rate along with a 13 degree elevation mask. NGS asked that you please talk among your colleagues about this project and what it means for Louisiana. For more information on this project please contact one of the offices below.

Contacts:

National Geodetic Survey:

Ronnie Taylor (850)-245-2610
 Denis Riordan (225)-578-5260

LSU's Center for Geoinformatics

Roy Dokka (225)-578-2975
 Tony Cavell (225)-578-8925

Vertical controls for all surveys shall be determined in the North American Vertical Datum of 1988 (NAVD88)...

Act No. 194/Regular Session, 2006
House Bill No. 689 by Representative Hammett

"Section 1. R.S. 50:173.1 is hereby enacted to read as follows:

§173.1 Vertical control standards

Vertical controls for all surveys shall be determined in the North American Vertical Datum of 1988 (NAVD88). All measure-

ments shall be referenced to local control stations of the National Spatial Reference System, specifically the public domain Louisiana State University Continuously Operating Reference Stations network or other currently National Oceanographic and Atmospheric Administration National Geodetic Survey approved reference stations, such as benchmarks, monuments, or continually operating reference stations."

This was signed by the Governor 06/02/06, and effective Aug. 15, 2006.

Surveyors throughout Louisiana should not be alarmed by this piece of legislation. It's a step in the right direction and sets uniformity in a datum that we can all work from.

North American Vertical Datum Conversion Utility "CORPSCON" & "VERTCON" is Out of Date...

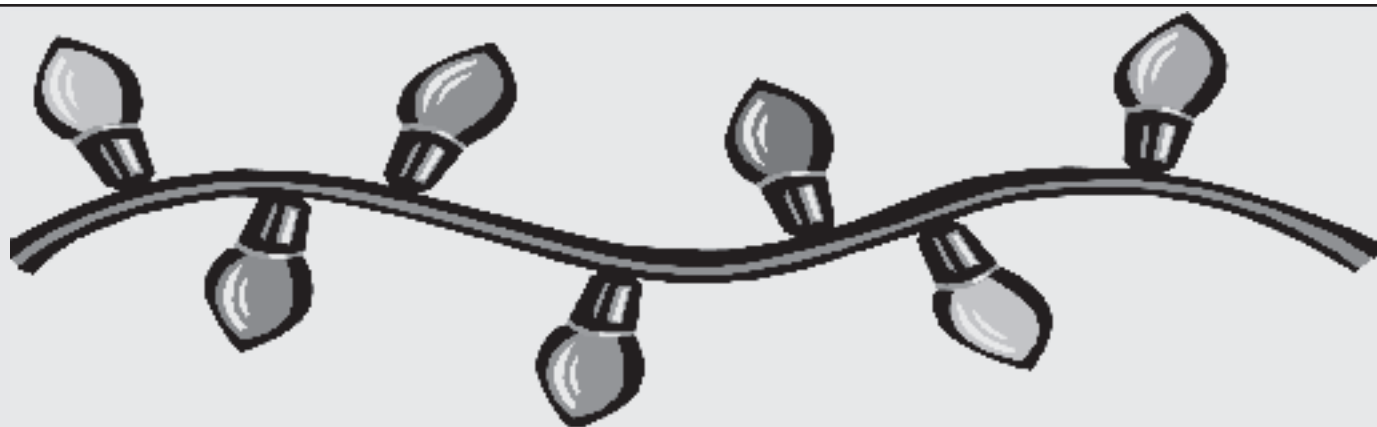
The buzz lately is that the NGS program "Vertcon" has been found to have inaccuracies in conversion of NGVD29 to NAVD88. During a recent levee job in New Orleans, I was reviewing a new release from the COR titled "USACE New Orleans District Guide for Minimum Survey Standards" dated August 2006. A

section of the manual was dedicated to vertical and horizontal conversions using CORPSCON and VERTCON and had the following to say:

"CORPSCON shall not be used for vertical transformations without written waiver signed by the COR... CORPSCON uses the data files developed for VertCon by the National Geodetic Survey. The data files represent a snapshot in time for the instant when the NAVD88 was first published for Louisiana. Those data files are static; they do not change, and they only represent the differences in elevations at certain benchmarks in Louisiana in 1992. Using CORPSCON and/or VertCon in Louisiana will provide conversions that are at least 6 inches in error, an amount that is not acceptable for engineering and design applications."

 LSPS is working hard for the surveyors in the state of Louisiana. Please contact us with your comments and concerns.

Ryan J. Fuselier, P.E., P.L.S.
 LSPS President
 LSPS@bellsouth.net



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2007 TRIG-STAR COMPETITION

Trig-Star is an annual competition sponsored by both the National Society of Professional Surveyors (NSPS) and LSPS. The program goal is to recognize and stimulate the best students of mathematics from among school districts in each state and across the United States.

Students from around Louisiana will be timed on a standardized Trigonometry Problem. The student completing the problem correctly and with the fastest time will be recognized by LSPS as the "State Trig-Star Champion". The State Champion will receive a cash award of \$250, a plaque, and an invitation to attend the LSPS Annual Awards Banquet, along with family members.

In addition, the Math Teacher of the State Champion

will receive a cash award of \$250 and an invitation to attend the LSPS Annual Awards Banquet. The Math Teacher selected may be accompanied by a guest to the Banquet.

The 2007 LSPS Trig-Star Competition will be held during the months of February and March; the specific test date(s) have not been determined. If you know of a local school that would like to participate in the Trig-Star Competition, please distribute this information to them, and have the school fax the completed form to LSPS at 225-925-5802 by February 1, 2007. An LSPS Representative will contact the school to advise of testing dates and other details. If you would like to volunteer to assist with the testing or demonstrations, please contact the LSPS office.

PARTICIPATING SCHOOL PLEASE MARK APPROPRIATE BOX(s):

- ☐ **YES- we would like to participate in the 2007 Trig-Star Competition.**
- ☐ **We are interested in having an "In-House Land Surveying Demonstration". Please have a representative of LSPS contact us.**

Contact Name: _____

High School: _____

Address: _____

City & Zipcode: _____

Phone: _____

Email: _____

Fax: _____

**FAX THIS FORM TO LSPS AT
225-925-5802
BY FEBRUARY 1, 2007.**

Louisiana Society of Professional Surveyors
9643 Brookline Ave., Ste. 108
Baton Rouge, LA. 70809
(O)225.925.5800 - lsps@bellsouth.net



FOLLOWING FOOTSTEPS AND DIGGING UP THE PAST

A Retracement Seminar sponsored by the Alabama Society of Professional Land Surveyors

I love being at home. I especially look forward to my time in the yard. A typical Saturday morning for me at this time of year usually begins with a coffee fix, filling up the bird feeders, followed by cranking up the mower. Perhaps it's the monotony of it, pushing a gas powered grass cutter across the lawn, or the droning sound of the mower that I find gratifying. Mainly, it's mental therapy for me, a time of the week when I don't have to make any decisions, a time when I can think about the week that just flashed by, a time of reflection.

But something seemed different about this particular Saturday as I reflected on my experiences from the days before, miles away in northern Alabama. The terrain was quite different from what I'm familiar with in south Louisiana. Hills, piney forests, and hardwoods dominated the landscape. Although my surroundings were quite different, I felt at home in the company of my fellow land surveyors. Most of Friday was spent in pursuit of evidence, accessories to section corners and quarter corners, following in the footsteps of surveyors from long ago and days gone by.

In May of 2006, the Retracement Seminar sponsored by the Alabama Society of Professional Land Surveyors was held in Brent, Alabama. Instructing the class of about thirty was Corwyn "Corky" Rodine, from the Bureau of Land Management (BLM), with assistance from Jerry Wahl, PLS, also from BLM. Among those present were Ann "Mama" Galloway, Executive Director of ASPLS; Gregory Spies, President of ASPLS; and Troy University Assistant Professor of GIS and Geomatics, Dr. Steve Ramroop. The class consisted of a cross-section of folks from different states and ranged from seasoned professionals, like Chappy Young, President of GCY Incorporated based in Florida, to students at the threshold of their careers. Unfortunately Mr. Lane Bouman, who was scheduled to participate, had an illness in the family and was unable to attend.

Our Seminar began on Tuesday evening at the Sawmeal Restaurant, a bit different from the Cajun cuisine I'm accustomed to; fried chicken, fried fish, butter beans, sweet tators, fat back and collards were pretty good, but missing something.... Tony Chachere's Creole Seasoning and Tabasco sauce! As the class chowed down, thunderstorms and heavy rains pounded the roof and seemed to come in waves. After supper and registration, Corky briefed the class on what to expect for the following three days. We were free to peruse various items Corky and Jerry brought to the classroom. Actual pieces of evidence retrieved from retracement surveys were on display at the Sawmeal. Among the items on display were various books and pamphlets, copies of original GLO maps, descriptive notes, a Gunter's chain, transits, compasses, and artifacts.

The rain continued most of the day on Wednesday. Corky explained the history, laws, and evolution of GLO and the survey procedures for the public land survey system in the United States. I found that Corky presented the information very well and held my interest; unlike the times I studied this information on my own. Corky's personal experiences and knowledge of the subject made it seem as though I had actually been part of his experiences.

Thursday's weather was a big contrast from the previous two days. I was anxious to be outside, as was the rest of our class. After Corky completed his classroom portion of the history lesson, we had lunch

then piled into 4-wheel drive vehicles and drove to the Oakmulgee Ranger District of the Talladega National Forest. Our classroom in the field took us off the gravel road through bumpy mud-laden trails to a previously located section quarter corner. We parked our vehicles at a hunter's camp and followed our fearless leader along a trail of blazed trees to the marked quarter corner and painted bearing trees.

As Jerry Wahl plumbed his 100-year-old surveyor's compass over the quarter corner monument, which consisted of a 5" square concrete post and stamped cap, Corky recited,

continued on next page





one at a time, the original surveyor's recorded calls to the bearing trees. A tape marked in chain links was stretched in the direction that Jerry's instrument pointed as Corky cited the bearing and distance. Jerry directed and aligned a Jacob's Staff held by Corky over the point where a bearing tree once stood. As Corky and Greg Spies carefully removed the debris from the surface of the

ground, they began the process of investigating evidence of the tree that once stood there. Corky scraped the ground, layer by layer of soil and sand, which in his words was like "turning the pages of a book." He credits learning this slow, meticulous archaeological technique to Mr. Spies. Bits of evidence began to surface as Greg scraped the ground with his hand trowel. Corky picked up a small piece of rotted wood that looked like charcoal, blew on it to remove the sand and soil, and rubbed it between his fingers to a fine powder to feel its cellular signature. "Feels like silk, that's typical of pine," he said. Oak has a gritty feel. Corky informed us that old pieces of wood, when scraped, would smell like lighter pine. Greg then probed the surface of the ground with a Jacob's Staff or "penetrometer," as Corky referred to it, probing until the rod would sink, disappearing effortlessly into the earth as if the ground had swallowed it up...evidence of the original tree taproot. Wow! I was amazed. The distance and bearing were rechecked and confirmed that this was, without a doubt, the original "called for" bearing tree from the year 1820.

Incidentally, classmate Steve Hill observed a piece of wood laying on the ground adjacent to the tree's location and as he passed his hand across the surface to remove the debris and expose it, scribed letters seemed to appear on it. He noticed the letter "T." As he looked closer, a number "3" appeared in front of the "T"...wait a minute, "BT" was scribed on it. That stood for "Bearing Tree!" The original scribed marks were likely from USFS survey crews in 1929 or 1959. All of the called for bearing trees were located as previously described and recorded, including two from the original 1820 GLO survey.

Returning back to the Sawmeal that evening, Corky Rodine broke us up into five groups of five and handed each group a stack of copies of maps and notes from the Original surveys as documented and recorded by the GLO Surveyors. Each group was given instructions to elect a compass man, a chainman, a field note keeper, and a chief speaker to present our findings and results. After a brief powwow to discuss our plan for locating our section quarter corner, we headed back to the Windwood Inn to prepare for tomorrow's adventure.

Friday at 7 a.m. we were back at the Sawmeal for breakfast and organized our Retracement Campaign. Prior to departing on our adventure, the compass man calibrated his instrument on a meridian line that Corky and Jerry had established outside at the back of the restaurant. This line was used to sight on with the compass to determine magnetic declination and calibrate the compass. With our maps, notes and tools in hand, each team headed off to their assigned locations in the Talladega National Forest to begin the process of Retracement. Corky, Jerry, and Greg visited each survey team's location to check the progress and assist the students.

A rendezvous place was selected. With everyone gathered around, each team spokesman presented his findings as it related to the recorded information supplied. Corky and Greg analyzed the team's evidence and findings, while Corky questioned the spokesman about any differences that were discovered. It was amazing to observe the process. Although each team had different challenges, it was clear that each team had accomplished their goals by following the footsteps of the men who established the boundaries of our Nation at the direction of our forefathers.

As Corky made his closing comments to the group, it was apparent to me why I was there. I felt as though I had reconnected to my past, rediscovered the roots of my beginnings as a young surveyor. At that moment I looked around at all the new friendships that were made and felt proud of my profession as a Land Surveyor.

It was now time to head for home.

Ricardo Mark Johnson is a Professional Land Surveyor registered in the State of Louisiana and is employed with John Chance Land Surveys, Inc. Ricardo has been surveying since 1977 and is currently pursuing his Arkansas and Alabama Land Surveyor's Licenses.

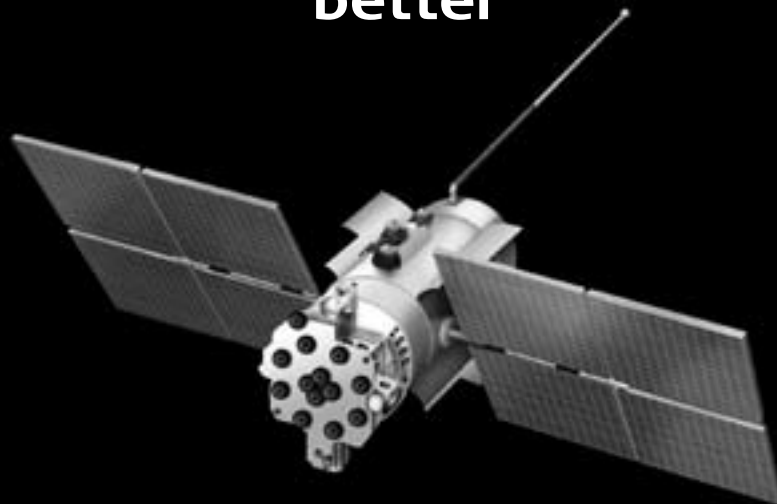


Remember.....

"Maintaining records to be used to support PDHs claimed is the responsibility of the licensee. These records must be maintained for at least three consecutive biennial licensure renewal periods (six years) and copies may be requested by the board at any time."

"Title 46 - Professional and Occupational Standards,"
Part LXI., §3115. C.

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WHEN: April 18-21, 2007

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 - ◆ GOLF
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MINIMUM STANDARDS FOR PROFESSIONAL LAND SURVEYORS:

§3105 Requirements:

B. "During each biennial licensure renewal period, every professional land surveyor licensee is required to obtain 15 PDHs in land surveying related activities."

(2) **"A minimum of two PDH's shall be earned in the Minimum Standard for Property Boundary Surveys in Louisiana".**

LSPS NICHOLLS STUDENT CHAPTER

The LSPS student chapter was initiated in Spring 2005. The chapter has been active for over two years, and meets every month. In addition, the student members attend the individual district meetings. Currently the chapter has about 25 registered student members.

The student chapter had the following guest speakers in their monthly meetings:

Mr. Denis J. Riordin, Jr., NGS Advisor for Louisiana
Mr. John M. Hebert, Morris P. Hebert Inc. Houma, LA
Mr. Keith McNease, SAM Inc. Austin, TX
Mr. Keith Williams, Fugro Chance, Houston, TX
Mr. Keith J. Roberts, PLS, Fenstermaker, Lafayette, LA

The chapter volunteered for the science Olympiad and Family day held on campus, and are currently talking to representatives from the LA Department of Transportation (DOT) to adopt a segment of LA1 state highway in front of Nicholls State University campus. The planning committee of the chapter is working on the logistics for hosting the Geomatics Retreat in Spring of 2007. They would like to invite the surveying and mapping professionals to spend a day with them on Nicholls Campus on various activities.

Current officers:

Dr. Balaji Ramachandran – Faculty Advisor
Mr. Jeffrey M. Good. – President
Mr. Dustin Rabalais – Vice President
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Committee Members:

Mr. Adam Papa
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The National Society of Professional Surveyors is very excited and pleased to announce the NSPS Insurance Program. This comprehensive package will secure your insurable interests with an EXCLUSIVE pricing structure and specialized coverage to meet the needs of any surveying business – *no matter what size.*

A big advantage with the NSPS program is that business owners can purchase a business owners policy (BOP), which may not be available through your current agent. The premium savings on this type of policy are substantial.

While the business portion of the program is exciting enough, your staff and your families can take advantage of competitive pricing for their personal insurance needs as well!

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