

Louisiana

Engineer & Surveyor

Journal

February 2007

Vol. 10 No. 1

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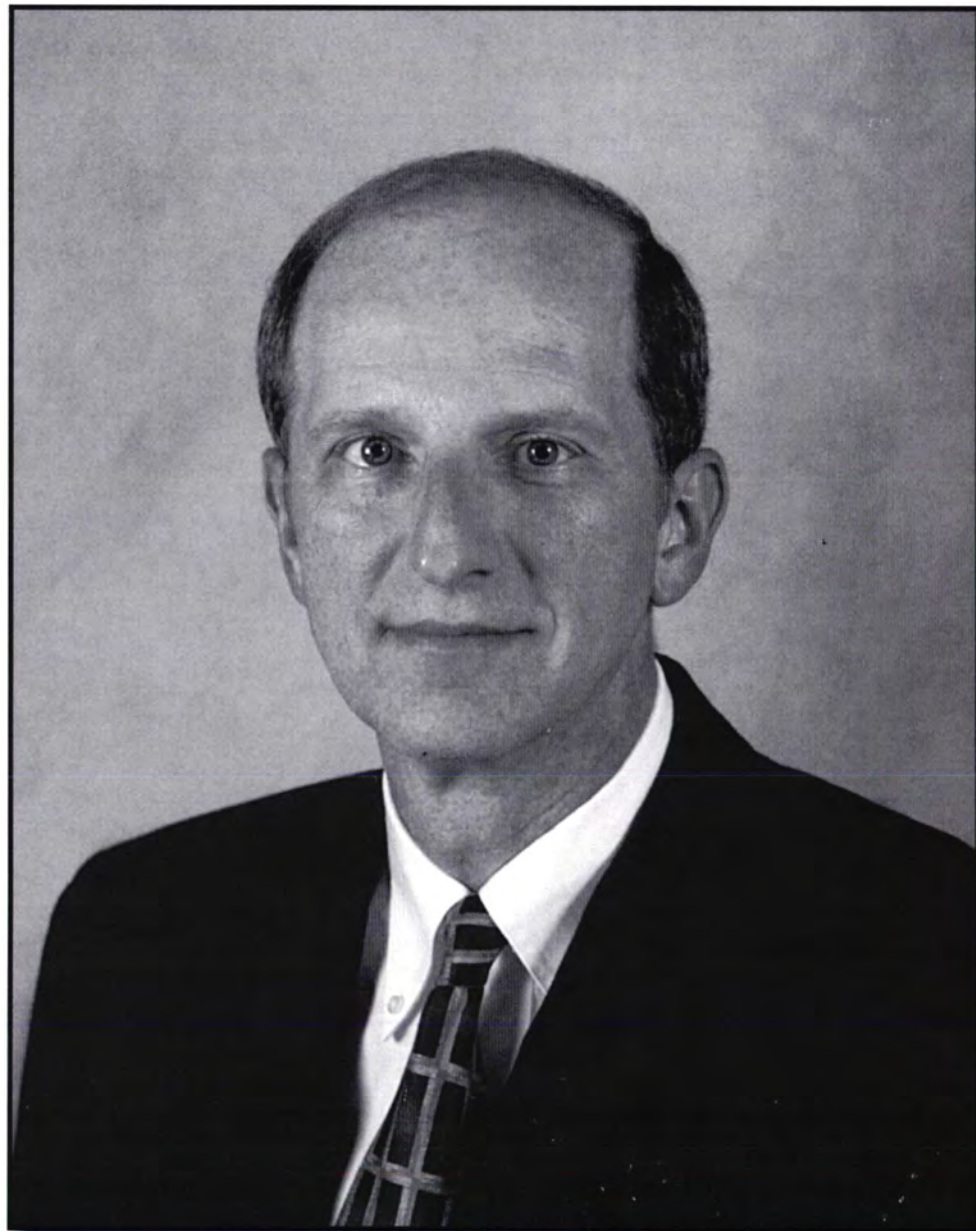
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SPS

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Convention *Page 32*



JAMES P. LEDET, P.E.
ACEC/L's 2006-2007 President



Louisiana Engineering Society

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LOUISIANA ENGINEER AND SURVEYOR JOURNAL

February 2007

Vol. 10 No. 1

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- 1) Prices quoted apply to camera-ready copy. A one-time charge will be added for composition of an ad, art work, or if changes are made during the contact period.
- 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.

PUBLICATIONS COMMITTEE

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Ronda Courville, *Associate Editor*

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.



Kerry M. Hawkins, P.E.
Chairman

Louisiana Professional Engineering
and Land Surveying Board

Congratulations to the newly licensed professionals (PE & PLS) who successfully completed the recent exam cycle. We added right at 700 new licensees in 2006. This is particularly good news for Louisiana Surveying firms, many of whom are seeking employees. We also had a successful crop of FE exam takers. Many have immediately become Engineer Interns and the balance will be so recognized following graduation. Again, congratulations on your success.

In the last edition of the journal, I mentioned that Mark Jusselin and his committee (Tim Allen, Rhaoul Guillaume, and Ali Mustapha) were developing Disciplinary and Enforcement Sanction Guidelines. Over time, various kinds of violations of Board Rules and Laws were brought before the board by our enforcement personnel. On reviewing board enforcement actions, we found the board was not always consistent in penalties and other sanctions. Mr. Jusselin's committee developed and the board has adopted LAPELS' Disciplinary and Enforcement Sanction Guidelines for Consent Orders and sanctions being issued during enforcement deliberations. Among other things, the document provides guidance on sanctions depending on whether the violation was a first offense, a minor or major infraction, and how long the

violation activity continued. Among the violations covered, but not limited to, are the following: "Practicing with an Expired License, Failure to respond to a CPD Audit, Criminal Convictions, and Misuse of Seals by a Licensee. The Guidelines provide for consistent handling of fines, incurred costs, whether or not a violator is required to inform clients of the transgression and whether the individual or firm's name is to be published. Having and using documented guidelines ensures that enforcement is consistent and fair.

Following that message, we continue to get returned mail (renewal notices, Journals, etc.) from licensees. After the devastating storms Louisiana experienced in 2005, it is understandable that we would experience some missing addresses. However, we must remind all that as a licensee, it is the licensee's responsibility to notify the board office of any address changes. By doing so, late renewals can be avoided and journals and other board communications can be received in a timely fashion.

One other enforcement related issue, the Department of Health and Hospitals (DHH) has met with us regarding abuses from engineering firms providing engineering services to developers of subdivisions for utilities, particularly water and sewers. DHH cites a number of firms who have repeatedly been late

with submitting completed plans for water and wastewater infrastructure and those who do not provide DHH adequate review time before actually beginning construction of these utilities. DHH is considering filing formal complaints with the LAPELS Board for the offending firms.

Finally, I want to commend two of our board members, Mr. Richard Durrett and Dr. Ken McManis on the completion of their appointments to the board at the end of March. Mr. Durrett and Dr. McManis both served two terms as board officers and contributed many hours of their personal time for the betterment of engineering and surveying in Louisiana. Thanks, Richard and Ken. As you recall, last year the legislature changed the expiration date of board members' terms from August 31st to March 31st of the following year. This change impacted the sitting board members only and beginning with their replacements, new board member terms are set to go from March 31st of the appointment year for a period of 6 years.

Board Members

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C.L. Jack Stelly, P.L.S.
Vice Chairman

Joseph C. Wink Jr., P.E.
Secretary

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Mark A. Jusselin, P.E.

Kenneth L. McManis, Ph.D., P.E., P.L.S.

Ali M. Mustapha, P.E.

Board Staff

Donna D. Sentell
Executive Secretary

Robert Eddleman
Deputy Executive Secretary/
Director of Enforcement

Heidi G. Watts
Administrative Secretary/Editor

www.lapels.com

MARK YOUR CALENDAR

LAPELS Board Meeting Dates

March 19 - 20, 2007

May 14 - 15, 2007

July 16 - 17, 2007

September 17 - 18, 2007

November 12 - 13, 2007



FROM THE EXECUTIVE SECRETARY

Donna D. Sentell, Executive Secretary



Donna D. Sentell
Executive Secretary

DID YOU KNOW?

- ❖ Professional licensure will celebrate 100 years in 2007
- ❖ In 1908 Louisiana was the 2nd state in the country to pass laws concerning the licensure of civil engineers. Wyoming was the first
- ❖ Colonel Marcel Garsaud, a civil engineer from New Orleans, was the first chairman of the LAPELS board and also served as the first president of the National Board of Registration. Today this board is known as the National Council of Examiners for Engineers and Surveyors (NCEES) located in Clemson, South Carolina
- ❖ NCEES oversees 70 jurisdictions: all 50 states (15 states have separate licensing boards for engineers and surveyors), the District of Columbia, and four American territories: Guam, Puerto Rico, the Virgin Islands and the Northern Mariana Islands
- ❖ There are over 700,000 licensed engineers in the United States today
- ❖ Annually, there are close to 70,000 graduates with engineering degrees
- ❖ Louisiana has close to 13,500 licensed engineers and 1,000 surveyors
- ❖ The LAPELS board has the authority to levy fines up to \$5,000 per incident
- ❖ In 1994 the LAPELS Board moved from New Orleans to Baton Rouge
- ❖ In 1998, we adopted the name Louisiana Professional Engineers and Land Surveyors (LAPELS)
- ❖ In 1999, CPD requirements were adopted. Registrants must complete 30 professional development hours every 2 years
- ❖ In 2001 licensure by discipline was changed to 'professional engineer'
- ❖ We no longer issue renewal cards. You can visit our website and print verification of your license from the link 'roster of individuals and firms'

INVESTIGATOR FOR LAPELS ENFORCEMENT

Brant Delhommer, an investigator for the board, has been employed with the Louisiana Professional Engineers and Land Surveying Board since December of 2004. Before coming to work for LAPELS, Brant worked in law enforcement, was a field training officer and did a temporary assignment in the Juvenile Division during which time he investigated crimes committed by and/or upon juveniles.

Brant has specialized training in many areas, including

interview, interrogation, response to weapons of mass destruction and response to high risk incidents.

As a board investigator, Brant looks into complaints concerning the practice of engineering and land surveying, as well as handles CPD audits for licensees of the board.



Brant Delhommer

DISCIPLINARY AND ENFORCEMENT ACTIONS

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



Robert E. Eddleman

Did you know? The Board authorized the hiring of a part-time investigator to assist in the enforcement matters. Mr. Benjamin S. Harrison, the former Director of Enforcement, was hired to fill this position.

The Board conducted an audit of the April 1, 2006 renewal cycle, which was completed since the last issue of the Journal. There were 140 audit notices mailed to licensees who renewed in the referenced cycle

The Enforcement Section of the Board continues to remain very busy. The types of matters being addressed are heavily weighted toward the offering and/or providing of engineering or land surveying services on an expired license, with the remainder of the matters involving unlicensed practice, plan stamping, property boundary survey issues, and negligence or competency issues. Those matters for which disciplinary/enforcement action has been completed since the last issue of the Journal are reported below.

PRACTICE OF ENGINEERING AND/OR LAND SURVEYING ON AN EXPIRED LICENSE

Mr. Brian M. Vance, P.E., a non-resident Louisiana licensee, was disciplined by the Board for the offering and/or providing of engineering services in Louisiana during the period that his license was in an expired status from April 1, 2004 until October 26, 2005 in violation of La. R.S. 37:698(A)(9) and (16). Mr. Vance's license has been renewed, and he has 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 \$53.82, to successfully complete the Board's online laws and rules examination within sixty days, to his license being placed on probation for a period of two years, to immediately provide written notice of his expired license to each person or client for whom he provided engineering services in Louisiana during the period that his license was in an expired status (along with the Louisiana State Fire Marshall's Office), and to the printing of a summary of this matter by name in this publication.

Mr. Christopher G. Tauzin, P.E., a Louisiana licensee, was disciplined by the Board for the offering and/or providing of engineering services in Louisiana during the period that his license was in an expired status from April 1, 2003 until June 1, 2006 in violation of La. R.S. 37:698(A)(9) and (16). Mr. Tauzin's license has been renewed, and he has 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 \$250.00, to pay administrative costs of \$158.74, to pay past renewals in the amount of \$240.00, to successfully complete the Board's online laws and rules examination within sixty days, and to the printing of a summary of this matter by name in this publication.

Alliance, Inc., a Louisiana licensed engineering firm, was disciplined by the Board for the offering and/or providing of engineering services in Louisiana during the period that its firm license was in an expired status from October 1, 2005 until September 30, 2006 in violation of La. R.S. 37:698(A)(9) and (16). Alliance, Inc.'s firm license has been renewed, and it has entered into a Consent Order with the Board, wherein it admitted to an unintentional violation of the above statutes and agreed to pay a fine of \$1,000.00, to pay administrative costs of \$230.50, to have its supervising professional successfully complete the Board's online laws and rules examination within sixty days, to the printing of a summary of this matter by name in this publication.

Mr. Michael B. Marie, P.L.S., a Louisiana licensee, was disciplined by the Board for the offering and/or providing of land surveying services in Louisiana during the period that his license was in an expired status from April 1, 2006 until September 25, 2006 in violation of La. R.S. 37:698(A)(9) and (16). Mr. Marie's license has been renewed, and he has 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 \$250.00, to pay administrative costs of \$115.25, to successfully complete the Board's online laws and rules examination within sixty days, and to the printing of a summary of this matter by name in this publication.

UNLICENSED OFFER AND/OR PRACTICE OF ENGINEERING AND/OR LAND SURVEYING

Mr. Emmett L. Jarreau, a non-licensee, was subject to enforcement action by the Board for the unlicensed offering of engineering and/or land surveying services in Louisiana in violation of La. R.S. 37:681 and 700(A)(1). Mr. Jarreau described his business as "Field Engineering and Consulting" in his business card and in a written solicitation listed various engineering and land surveying services offered by him and his company which can only be performed by a professional engineer or professional land surveyor. Mr. Jarreau has 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 \$141.43, to immediately cease and desist any further practice of engineering and/or land surveying in Louisiana and the use of the words "Field Engineering" or other descriptions of engineering and land surveying services in his business card, his correspondence, his written solicitations or otherwise in connection with himself, his company or his work, and to the printing of a summary of this matter by name in this publication.



Ali M. Mustapha, P.E., a current LAPELS board member and former LAPELS board member, Jerry Lazenby, P.E., P.L.S., were honored at the JESC in Baton Rouge in January. Ali received the Waldemar S. Nelson President's Award and Jerry the Leo M. Odom Award. Congratulations!



Architect-Engineer Liaison Committee meets with the Architect Board to discuss thresholds. Left to Right: Ali Mustapha, P.E., LAPELS; Teeny Simmons, LSBAE, Executive Director; Rhaoul Guillaume, P.E., LAPELS; John Cardone, Jr., LSBAE, Board President; Joe Wink, P.E., LAPELS - Board Secretary; Robert Eddleman, LAPELS, Deputy Secretary and Knox Tumlin, LSBAE, Board Secretary (not pictured: Julian T. White, LSBAE)

"Jorge Ferrer, P.E., City-Parish Coordinator of Environmental and Landfill Affairs, was selected as the recipient of the 2006 Charles E. Coates Memorial Award. This award is jointly presented annually by the Baton Rouge Sections of the American Institute of Chemical Engineers (AIChE) and the American Chemical Society (ACS) to honor the memory of Dr. Charles E. Coates.



As the recipient of the Charles E. Coates award for 2006, Jorge was honored for his many contributions to the engineering profession. His services to the engineering profession included being a member and past Chairman of the State Board of Registration for Professional Engineers and Land Surveyors.



The LAPELS' Board was glad to have the Deans at the January Board meeting. Pictured front row left to right: Dean Nikos Kiritsis, McNeese State University; Donna D. Sentell, LAPELS Executive Secretary; Dean Nicholas Altiero, Ph.D., Tulane University; back row left to right: Dean Stanley A. Napper, Ph.D., Louisiana Tech University; Dean Mark Zappi, Ph.D., University of Louisiana-Lafayette; Dean Zaki Bassiouni, Ph.D., P.E., Louisiana State University; Dean Habib Mohamadian, Southern University.

EXAMINATION DATES

April 20 - 21, 2007
October 26 - 27, 2007
April 11 - 12, 2008
October 24 - 25, 2008

APPLICATION DEADLINES

(for first time applicants)

June 1, 2007 for October 2007 exam
December 1, 2007 for April 2008 exam
June 1, 2008 for October 2008 exam

NEW REGISTRANTS

New Registrants for the Period of October 3, 2006 - January 15, 2007

Professional Engineers

Abesingha, Chandra Padminie
Ablin, Ronald Lee
Alam, Mohammad Shah
Ali, Magsood
Almond, Ronald Vann
Anderson, Byron Keith
Arneson, Jeffrey Proctor
Art, James Harry
Barfield, Gregory Scott
Bebee, Ronald Dean
Becker, Margaret
Bell, Matthew D.
Bergeron, Linda Hartle
Bernard, Jonathan Russell
Bernier, Darrick Jason
Bigbie, Mark Neal
Blaszczak, Paul R.
Boley, Morris Victor
Borne, Eric S.
Bosley, David Lyle
Boudra, Luther Harlan
Bourgeois, Lisa A.
Boyles, Daniel J.
Branch, David A.
Brannon, Charles Joseph
Brown, Carl Andrew
Buras, Jeffrey S.
Busch, Michael H.
Byrd, Wesley Thomas
Canfield, Richard Bendict
Caputo, Edward Charles
Carvajal, Fernando Dirk
Cavaliere, Stephanie Soniat
Cecchini, Israel George
Chauvin, Jason Michael
Chin, Ee Thuck
Clarke, Alton Henry
Collier, Roger Wayne
Coulon, Koby J.
Courter, Daniel John
Crawford, Richard H.
Crook, Barrett Cameron
Dauterive, David Michael
Davis, Morris Randal
DeGroot, Lowell Dana
DePra, Alan Jay
Derwiler, Mark Edward
Dever, Raymond Joseph
Dickson, Steven Lee
Diggs, Sherrelle Russell
Dixon Little, Pamela Jo
Doan, Phuong Thanh
Domingue, Christopher Brent
Dore, Angie Elizabeth
Doucet, Ned Gerard
Durand, Jeffery Daniel
Durbin, Kevin Dean
Ebersohl, John Scott
Ehsan, Bahman
Eisenbarth, Dennis Eric
El Kheishy, Karim Talaat
El-Zoobi, Majd Ahmed
Fagerburg, Nicholas Adam
Fisher, Benjamin Jared
Fitzreiter, James Edward
Foster, Brian Wyatt
Frazier, Daniel Wayne
Freeman, William Todd
Fremin, Teles Jo
Frostestad, Eric Jon
Gallodoro, Anthony Paul
Gaskey, Rex Wayne
Gaudet, III Eric Joseph
Genola, Tullie Damon
Gerhart, Anders Stephen
German, Eugene Leo
Gibson, Marcus Craig
Gill, Niccolò DelFatti
Girouard, David James
Gish, Bobby G.
Green, Eric Christopher
Griborio, Alonso G.
Hamann, Donald Alan
Hardy, Joshua Timothy
Hart, III Joe W.
Harter, Michael John
Hernandez, John Greg
Herzig, Robert Louis
Hettel, Louis Alexander
Hillers, Paul Frederick
Hodges, Charles K.
Hotchkiss, Walter M.
Hugenroth, Jason James
Hunt, Stephen E.
Inikori, Beatus Sunday
Jarrell, Shane Thomas
Johnson, Jerry Richmond
Jones, Ronald Frederick
Joubert, Steven Ray
Joyner, Benjamin Elmer
Kalantarians, Sevak
Khan, Ataullah
Kincaid, Mary Elizabeth
King, David
Kiskinis, Garry George
Kite, Robert David
Knochel, James Arthur
Koger, Kurtlan Russell
Lacombe, Jason Mark
Lane, Andrew Russell
Lanier, Michael William
Lapoint, Michelle Arlene
Larson, Eric R.
Lassiter, Michael Lloyd
Lazaris, Spyridon
LeBoeuf, Jesse Paul
Lecroy, Charles David
Lewin, Isaac A.
Lewis, David Allan
Lindemann, Andrew Carl
Lipinski, Robert William
Maloney, John
Mandal, Sujit
Manos, Jordan Theodore
Martin, Lance Thomas
Martinez, Saul Joseph
Martinovic, Frank Michael
McFarren, David Eugene
Miller, Elizabeth Ann
Millies, Robert J.
Myers, Heather Emery
Nassif, Jr. Michael Dale
Navarre, Brad Patrick
Neely, Edwin W.
Nelson, Scott T.
Nickoli, James Edward
Nikain, Reza
Nyirenda, Swirvine
Parkes, James William
Patano, Bradley
Patel, Jitendra M.
Patel, Maganlal Parshottambhai
Patel, Mayur T.
Pehl, Keith Glen
Perla, Robert P.
Perry, Jeremy Todd
Peterson, Todd Allan
Pope, Geoffrey Cole
Porthouse, Robert A.
Prather, Reece Andrew
Pratt, Michael Dixon
Proctor, John Matthew
Rabensteiner, Christopher Mario
Randolph, Gregory Wayne
Reed, Kevin J.
Reed, Richard C.
Rice, Jon David
Robinson, J. Mark
Roland, Steven J.
Rushworth, Ronald Thomas
Salem, Salem G.
Sanchez, Christopher Lee
Santandreu, Juan Jose
Sarker, Bhaba Ranjan
Sarnataro, Jason Arthur
Schaff, Leonard Steve
Schmitt, Nicholas George
Schwartz, David E.
Scoville, William Hancock
Sellon, Jeffrey L.
Selva, Armando
Sennour, Mohand Larbi
Shah, Siddharth
Shahla, Walid
Shapiro, David Matthew
Shimoura, Brian
Simms, James Frederick
Simonton, III Hayward Eugene
Simpson, Jr. David Bernard
Sistrunk, Christopher John
Slattery, Jason Michael
Slayton, Jonathan A.
Smith, Michael David
Soriano, Miguel Angel
St. Marie, David Thomas
Stark, David Irving
Stewart, Glen Wade

Stewart, Jeffrey Bryan
Stone, Matthew Clint
Storch, Craig Werner
Storm, Gary A.
Sullivan, Lawrence Patrick
Tao, Mingjiang
Tate, II Michael Kent
Taylor, Terry Calvin
Thibodeaux, Jr. Robert Lynn
Timm, II Richard James
Tindal, Jerry Ray
Todd, Timothy D.
Trahan, Travis Paul
Trail, Erin Jennifer
Traknyak, Frank Michael
Tremelling, James Edwin
Troyer, Raymond D.
Turner, Elizabeth Walker
Uhler, Thomas Ray
Vasquez, Jose Roberto
Vera, Oscar
Walker, Michael P.
Walsh, Mark Anthony
Warr, Robert Anthony
Waterman, Richard Neil
Weber, Kenton Clyde
Weir, Gregory Milton
White, Melinda Marianne
Wicoff, Joel D.
Wiley, Gregory Chad
Williams, Jr. Charles E.
Williams, Pembroke Whitefield
Williams, Robert Raymond
Windom, Olan
Winslow, Thomas Nicholas
Worline, Timothy J.
Yankey, Gregory Alan

Professional Land Surveyors

Abney, Rodney E.
Barnard, David Alfred
Benoit, John B.
Cointment, Clint Jason
Estopinal, Matthew Samuel
Gravois, Taylor Matthew
Hultgren, Sr. Carl W.
Johnson, Patrick Walker
Jones, James Jeff
Junius, Nathan John
Phillips, Matthew Edward

Engineer Interns

Anabathula, Sathish
Anderson, Webb McDermott
Boudreaux, Travis Charles
Boutte, Christian Gerard
Brock, Christopher Alan
Bruchhaus, Brandon James
Cabrera, Emmanuel E.
Colwart, Eric Michael
Comeaux, Nicholas John
Coots, Jacob Douglas
Cox, Stephen M.
Cysneiros, Isabel
DeArmas, Seth Jerrad
Dixon, II Larry Dean
Dore, Hristina Hitsova
Dore, Kipp Jonathan
Earnest, Justin Wayne
Eisiliones, Marina Gando
Foley, Benjamin Gerard
Giardina, Melanie Mayne
Gregory, Peter Jamison
Guercio, V Sam Joseph
Guo, Tianpeng
Haftmann, Michael Waymon
Hampton, Michael Lee
Henning, Sarah Knowles
Hibbs, III Richard Gene
Hsu, Elun Paul
Hymel, Todd Andrew
Jaramillo, Alexander Matthew
Katam, Reuben Pradeep
Kayne, Brendan Guy
Kimble, Nicholas John
Landry, Corey James
LeBlanc, Joshua Paul
Liu, Changgeng
Liu, Xianzhi
Luderer, Nathan Richard
Lunk, Chris Edward
Malla, Bala Kishore
Massey, III George Harold
McClung, Travis Joseph

Miller, William Luke
Nejad, Salman Mohamad
Oluwaleye, Oluwagbenga Elijah
Pandi, Shyam Sunder Reddy
Paternostro, Michael Joseph
Raghavendra, Amar Dharapuram
Reda, Dawn R.
Reneau, Christopher Lynn
Schlosser, Eric Douglas
Sentell, John Allen
Serou, Scott Patrick
Sever, Veyssel Firat
Spencer, Virginia Best
Thiery, Leigh A.
Towolawi, Gabriel A.
Trapani, Evan Hartson
Tripoli, Matthew Justin
Vadlamani, Sriyidya
Vicknair, Jennifer Marie
Williams, III Edward Boyd
Wittry, Jared Alan
Wortmann, Matthew Paul
Yeung, Mark

Land Surveying Interns

Bates, Kiley Fellow
Hartmann, Louis Christopher
Hickman, Jeannie McCarty
Karacic, Nijaz
Montagnet, Angie Renee
Reeves, Justin Brian

Engineering Firms

ABSG Consulting, Inc.
AG&E Associates P.L.L.C.
Applied Control Concepts, LLC
Arrow Engineering and Consulting
Barrish Pelham & Partners, Inc.
Beast Ventures, LP
Bioengineering Arcadis, LLC
Chester Engineers, Inc.
Cooper Structural Engineers, Inc.
Craig Hebert Engineering, L.L.C.
Custom Engineering Inc.
Cypress Engineering Services, Inc.
Delta-T Project Services Group, LLC
DYWIDAG-Systems International USA, Inc.
Engineered Arresting Systems Corp.
Enterprise Engineering Consultants, Ltd.
Eric Conner Civil Engineering, L.L.C.
Fuller, Mossbarger, Scott & May Engineers, Inc.
Goodwyn, Mills & Cawood, Inc.
H.L. Murray & Associates, Inc. dba Murray,
Thomas, & Griffin, Inc.
Halcrow
Holtzclaw Engineering, L.L.C.
Honeywell Building Solutions SES Corp.
Inca Engineering Inc.
InfraSource Dashiell, L.L.C.
John Meyer Consulting PC
K Crockett Designs, LLC
Kemper Engineering Services, LLC
L & W Engineering and Equipment
Lind & Associates, Inc.
Marshall Engineering Corp.
Mech-Tech Engineering, L.L.C.
Plant Engineering Services, L.L.C.
PND Engineers Inc.
Polytech, Inc.
Raths, Raths, & Johnson, Inc.
Reigstad & Associates, Inc.
S & B Infrastructure Private, LTD
Schnabel Engineering South, LLC
Shafer, Kline & Warren, Inc.
Shremshock Engineering Inc.
SmithGroup MidAtlantic, Inc.
Soiltech Consultants Inc.
The Meyer Group International Inc.
Thornton Tomasetti, Inc.
TRC Worldwide Engineering, Inc.
U.S. Forensic, L.L.C.
Yokum Engineering Solutions, L.L.C.

Land Surveying Firms

H.L. Murray & Associates, Inc.
dba Murray, Thomas, & Griffin, Inc.
John H. Miller, PLS, LLC
Lowe Engineers, LLC
Pathfinder Land Surveying, Inc.
Sain Associates, Inc.
Shafer, Kline & Warren, Inc.

AS OF 9/30/06, THE LICENSES FOR THESE FIRMS HAVE NOT RENEWED. PLEASE NOTIFY OUR OFFICE IF THIS IS NOT CORRECT.

Alcoa Wireless Services, Inc.
Anastos Engineering Associates
Ark Consulting Engineers
Bailey Engineering
Barnes Engineering Company, Inc.
Black & Veatch Pritchard, Incorporated
C. L. Beckham, Incorporated
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John L. Wilson, P.E., Inc.
Johnson Professional Land Surveyors, Inc.
Mandle Surveying, Inc.
March Engineering, Inc.
McCulley, Frick & Gilman, Incorporated
MKK Consulting Engineers, Inc.
Paragon Engineering Service Incorporated
Pond & Company
RCC Consultants, Incorporated
R. L. Bennett, Engineer & Surveyor, Inc.
Russ Engineering Group, Incorporated
Sage Environmental Consulting of Austin, Incorporated
Shaw Engineering
Stephens Engineering
Stress Engineering Services, Incorporated
Tewson, LLC
Trisect Engineering & Consulting Corp.
Wadsworth and Associates, L.L.C.
Weidlinger Associates, Incorporated

AS OF 9/30/06, THE LICENSES FOR THESE INDIVIDUALS HAVE NOT RENEWED. PLEASE NOTIFY OUR OFFICE IF THIS IS NOT CORRECT.

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Walter Albert
Walid Kazem Al-Masri
Nels Anderson
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Paul Barsley
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PRESIDENTIAL PRIVILEGE

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



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

I would like to start out this message by congratulating all of the recipients of the 2006-2007 LES Awards. When you see these individuals, offer your congratulations also. A full biography of each individual is included in this issue of the Journal. The recipients include the following:

A.B. Paterson Medal for an Engineer in Management – John W. “Billy” Moore, P.E.

Andrew M. Lockett Medal for Civic Activities – Frank P. Gallagher, P.E.

James M. Todd Technological Accomplishment Medal – Leslie K. Guice, P.E.

Leo M. Odom Award for Service to the Profession – Jerry G. Lazenby, P.E., P.L.S.

F. Hugh Coughlin Young Engineer Award – Mike M. Smith, P.E.

Waldemar S. Nelson President’s Award – Ali M. Mustapha, P.E.

Dudley Hixon–Bobby Price National Professional Achievement Award – John J. Plaisance, P.E., P.L.S.

Each of these awards were presented at the 11th Annual Joint Engineering Society Conference (JESC) in Baton Rouge on January 17th and 18th, 2007. I would like to encourage each Chapter to begin now on reviewing these awards for next year. Each Chapter has numerous individuals that qualify and deserve these awards and recognition. I would also like to thank Alan Krouse, P.E., Brenda Gajan, Executive Director, and the LES staff for making the JESC conference a success. These individuals put a lot of time and effort in making sure everything goes smooth at the conference and insuring you get the most out of the Continuing Education Seminars.

This is the busy time of year for LES. We have MATHCOUNTS, Future Cities, and preparation for the Annual Conference in Destin, Florida. I encourage each member to get with their chapters and volunteer for the MATHCOUNTS and Future Cities competitions. We will also need volunteers for the State competitions. Our last meeting of the year will again be in Destin, Florida. For those who haven’t attended the conference at Sandestin, I would like to recommend you try it this year. It is a beautiful area to take your family, go to the beach, and play golf. We normally have meetings in the morning and you are free for other activities in the afternoon.

Each time the Louisiana Professional Engineers and Land Surveyors Board (LAPELS) has a vacancy, LES nominates five (5) individuals and submits the list to the Governor for her to select the person for the appointment. LES recently submitted Nominations in Education, Industry, and Government. We are anticipating the Governor to make these selections soon. LES appreciates the opportunity to perform this duty and many hours are spent in reviewing the applications to ensure the most qualified individuals are nominated to the Governor. LES realizes the importance of having a quality Board governing the rules and regulations for all registrants.

At the last LES Board of Direction meeting, I appointed Ali Mustapha, P.E., Ted Thompson, P.E., and Chris Richard, P.E. to serve with the Chapter Presidents on the Nominating Committee for next year’s board members. The three (3) appointed members have all served the Society as President in previous years and have remained active in LES. Chris Richard, P.E., will serve as Chairman of the committee. Once the committee makes their recommendations and the Board approves them, the slate of candidates will be presented by letter ballot

to the voting members of LES. As with any election, it is important for the membership to perform their duty and vote. With the newly created term limits, this election cycle in Louisiana needs for business leaders to become involved and insure reform statewide.

Governor Blanco recently began appointing members to the East and West Bank Levee Boards as required by Amendment No. 3. This legislation called for Levee District reform and consolidation in the New Orleans area. J.M. Drake, P.E., is currently on the Nominating Committee for the Southeast Louisiana Flood Protection Authority Board of Commissioners and I would like to thank him for his efforts on this committee. The committee held numerous weekly meetings and had a mountain of information to review for each meeting. This is the type of legislation that is required to bring credibility back to Louisiana.

The LDOTD funding initiative is moving forward. I recently met in Baton Rouge with the executive board for an update on recent hiring, budgets, mail-outs, calendar of events, and future direction. The public awareness campaign is ramping up and you will continue seeing the information in the newspapers and radio. The costs of the campaign will be increasing within the next 30 days. If your firm has not contributed, I urge you to become involved today.

SOCIETY NEWS

By: Brenda Gajan
LES Executive Director

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Young Engineers

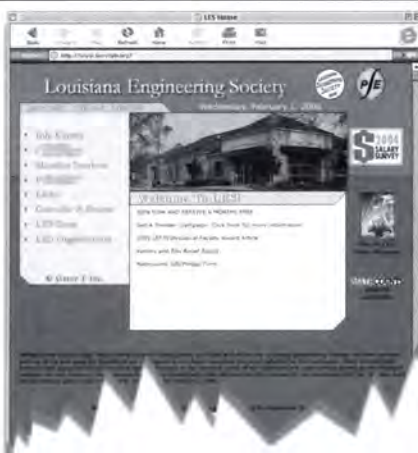
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<http://www.les-state.org>

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Calendar of Events

February, 2007

- 1-25 MATHCOUNTS Chapter Competition Window
- 11-14 DOTD Conference - Baton Rouge
- 17-22 Future City National Competition - Washington, DC
- 18-24 National Engineers Week

March, 2007

- 1 Mold Seminar - New Orleans
- 9 Life Safety Code Seminar - Baton Rouge
- 15-16 MATHCOUNTS State Competition - Baton Rouge
- 16 LES Executive Committee Meeting - Baton Rouge
- 29 Life Safety Code Seminar - Lake Charles
- 29 Ethics Seminar - Lake Charles
- 30 LES Board of Direction Meeting - Alexandria

April, 2007

- 2 Election of Chapter & Practice Division officers begins
- 13 Deadline for copy, Louisiana Journal, May issue

NEW MEMBERS

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Charles Duggar, Jr., PE
ILD, Inc.
Annie Trahan, EI

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Robert George, PE

New Orleans

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Louis Verges, PE

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Roger Barnes, EI
Albert Tucker, PE

Non-Resident

Todd Cormier, PE
Jason Grover, PE
HE Consulting, Inc.
Frank Rivera, PE
Ranjan Satyamurthy, EI
Todd Stager, PE
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LES PRESENTS THE FOLLOWING C.P.D. OPPORTUNITIES

- 8 hour Mold Seminar will be held on February 28 – March 1 at the Omni Royal Hotel in New Orleans.
- 8 hour Life Safety Code seminar will be held on March 9th at the Hilton Capitol Center in Baton Rouge.
- 8 hour Life Safety Code seminar and a 1 hour Ethics seminar will be held on March 29th in Lake Charles at the Civic Center in conjunction with the Lake Charles Industrial Show

Visit our website at www.les-state.org for complete details and registration information.



2006-2007 Louisiana Engineering Society Board of Direction

Seated left to right: Todd Boudreaux, PE; Jason Thornhill, PE; Chris Richard, PE; Scotty Baudoin, PE; Kevin Crosby, PE, PLS; Mike Bares, PE; John Plaisance, II, PE, PLS; Roger Melancon, PE; Robert Degeyter, PE.

Standing left to right: George Comeaux, PE; Ali Mustapha, PE; Dennis Dean, PE; Barry Gahagan, PE, PLS; Jim Bowie, PhD, PE; Brenda Gajan; Jim Hagan, PE; John Lowery, PE; Gene Milford, III, PE; Gavin Gautreau, PE; Greg Danielson, Jr., PE; Craig Dooley, PE. Not in Photo: Alan Krouse, PE; Glenn Turner, PE; Don Dugas, PE; Mike Smith, PE

LICENSING CEREMONY

The fourth Professional License Ceremony was held on Friday, January 19, 2007, before a large gathering at Ralph & Kacoo's Restaurant in Baton Rouge. The luncheon was sponsored by the Louisiana Engineering Society, Louisiana Society of Professional Land Surveyors, and the American Council of Engineering Companies of Louisiana.

Many family members and guests enjoyed a nice lunch as the newly licensed engineers and surveyors received their certificate of accomplishment from the Louisiana Professional Engineering and Land Surveying Board. The LES, LSPS, and ACEC/L boards were well represented, setting a good example for new recipients to be active in their professional organizations.

The Licensing Ceremony celebration will be held semi-annually for all newly licensed engineers and surveyors.



Pictured left to right are Scotty Baudoin, P.E., 1st vice president of LES, Kerry Hawkins, P.E., Chairman of LAPELS, James Ledet, P.E., president of ACEC/L, and Lyles Budden, P.L.S., secretary for LSPS.



ART DEFRAITES NAMED NSPE FELLOW

LES proudly recognizes the naming of Mr. Art Defraites, Jr., P.E., P.L.S., as an NSPE Fellow. Mr. Defraites is the President of GSE Associates, Inc., of Houma. He has spent almost fifty years meeting the engineering needs of southern Louisiana.

Mr. Defraites has also spent many years serving the engineers of our community, the Louisiana Engineering Society, and the National Society of Professional Engineers. His effort on the origin of COFPAES (Committee on Federal Procurement of Architectural and Engineering Services) stands out. He has also spent much time on the advancement of Quality Based Selection. Finally, Art has encouraged his staff to become involved with the Louisiana Engineering Society, both on the state and chapter levels.

Mr. Defraites has earned special recognition with many awards from his peers. The Louisiana Engineering Society has



John Plaisance, P.E., NSPE Representative and Brenda Gajan, Executive Director present Art Defraites with NSPE Fellow award.

bestowed an award for Recognition of Legislative Activity (1974), the Leo M. Odom Award for Service to the Profession (1984), the A. B. Patterson Medal for an Engineer in Management (1996), and the Lifetime Achievement Award (2000). The National Society of Professional Engineers has awarded a Certificate of Merit for Contribution to Engineering Profession (1988) and the NSPE/PEPP Award for Engineer of the Year (1988). The American Council of Engineering Companies of Louisiana presented Mr. Defraites with the A. E. Wilder, Jr., Award (2002).

Outside the field of engineering, Mr. Defraites has served his community well. He is a former Jaycee and Rotarian, and he has been active in the historical and arts societies. Art has served Terrebonne as a president of the chamber of commerce and as a civil defense director. He has also served on the Louisiana Democratic State Central Committee.

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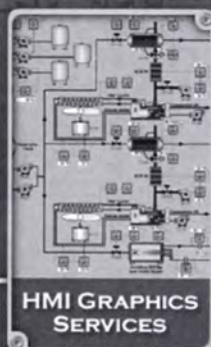
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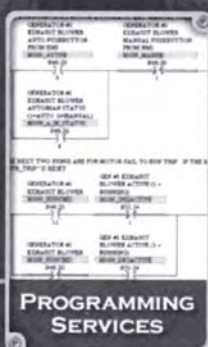
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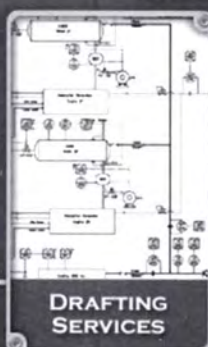
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LES HONORS SEVEN ENGINEERS



LEO M. ODOM
SERVICES TO THE PROFESSION AWARD

The Louisiana Engineering Society Services to the Profession Award will be given as conditions warrant, but not more than annually, for Distinguished Service to the Engineering Profession in Louisiana by a registered Professional Engineer member of the Louisiana Engineering Society, over a period of long duration, in an unselfish manner and in keeping with the highest professional standards of conduct, including active participation and leadership in the technical societies as well as in this and other professional engineering groups. The character, scope and duration of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the advancement of the profession in its service to mankind. The award is named in honor of Leo M. Odom, P.E., President of the Society in 1968, active member since 1942, and the award's first recipient.

Jerry G. Lazenby, P.E., P.L.S.

Jerry G. Lazenby, P.E. & P.L.S., is the President of Lazenby & Associates, Inc., Consulting Engineers and Land Surveyors in West Monroe, Louisiana. A 1965 graduate of Louisiana Tech University, Jerry began his engineering career with the Federal Highway Administration and in 1974 moved to West Monroe and joined the consulting engineering firm of Jenkins and Madden Engineering Company which evolved into the firm of Lazenby & Associates, Inc.

He is a past chairman of the PEPP Division of the Louisiana Engineering Society and a past chairman of the Monroe Chapter of LES. Jerry is the 1993 recipient of the Charles M. Kerr Public Relations Award and the 1994 recipient of the Andrew M. Lockett Civic Affairs Award from the Louisiana Engineering Society. He is a past President of CEC/L, the Louisiana National Director during 1997-1998 and previous Chairman of the CEC/L Transportation Committee. In 2000 he received the A. E. Wilder, Jr. Award for Outstanding Service to the Consulting Engineering Council of Louisiana, Inc. He has since been elected to the position of Fellow in the American Consulting Engineers Council and the Institute of Transportation Engineers. Jerry served six years as a member on the Louisiana Professional Engineers and Land Surveyors Board (LAPELS) and is active in the National Council of Examiners for Engineers and Surveyors (NCEES).

Jerry served on the Louisiana Tech Engineering Foundation, the Civil Engineering Advisory Committee and the Louisiana Tech Engineering & Science Foundation. In 1995 he was awarded the Distinguished Alumnus Award in Civil Engineering from Louisiana Tech University and elected as a Life Director of the Louisiana Tech University Engineering and Science Foundation.

He is a member and past president of the West Monroe/West Ouachita Chamber of Commerce and the West Monroe Rotary Club and is a "Paul Harris Fellow".

Jerry and Christine, his wife of 41 years, have two sons, a daughter and nine grandchildren. Christine is also a Louisiana Tech graduate. They are active members of First Baptist Church of West Monroe. Jerry's hobbies include deer hunting and fishing.



F. HUGH COUGHLIN
YOUNG ENGINEER AWARD

The Louisiana Engineering Society F. Hugh Coughlin Young Engineer Award Key and Certificate will be awarded as conditions warrant, but not more often than annually, to an engineer not over thirty-five (35) years of age who has demonstrated to a high degree capabilities in his chosen field of engineering, thereby indicating potential for further advancement and leadership as a professional engineer. The desire of the Society is not only to recognize the recipient but to encourage and inspire young engineers with a desire to reach greater heights of professional achievement and service. This award is named in honor of F. Hugh Coughlin, P.E., a distinguished member of the Society from 1944 until his death in 1980. His interest and support of young engineers was instrumental in the establishment of this award.

Mike M. Smith, P.E.

In November 1997, Mike graduated from Louisiana Tech University with a degree in Civil Engineering. At this time he also married his college sweetheart Kellie and began a family. Mike began his engineering career working with Brown & Root Energy Services in Houston, Texas as a design engineer intern on offshore platform projects. He advanced quickly and was positioned as the lead engineer for weight control on the world's largest float over installation platform for Shell Oil. He also headed up the in place and seismic analysis on this platform. During his time at Brown & Root he performed the structural design on projects such as jackets, concrete gravity structures, oil and gas platforms, and helidecks.

After several years with Brown & Root and two kids, Mike & Kellie moved back to Louisiana to be closer to family. Mike went to work with Huval & Associates in Lafayette where he performed miscellaneous structural designs out of steel, timber, concrete, plastics, and aluminum. He also worked on over 10 bridge designs and rehabs for the LaDOTD. In October 2001, he earned his Professional Engineer and began leading and managing larger projects such as bridges and buildings. He worked with Huval & Associates for five years where he oversaw the work of over 12 engineers and drafters.

In November 2004, Mike founded Civil And Structural Engineers (CASE) in Lafayette, Louisiana where he currently serves as President. CASE started with one engineer, two engineer interns, and one client but in two years has grown to two engineers, six employees, and over 110 clients. In 2006, the company designed the largest known caisson deck in the Gulf of Mexico. Mike continues to provide structural engineering services on projects such as bridges, buildings, communication towers, offshore structures, tower cranes, and many other miscellaneous projects. To date, he lives in Lafayette with his wife Kellie and his three kids McCoy (8) Sydney (6), and Maddox (2).



**DUDLEY HIXSON - BOBBY PRICE
NATIONAL PROFESSIONAL ACHIEVEMENT AWARD**

The Louisiana Engineering Society "National Professional Achievement" Award is named in honor of Thomas Dudley Hixson, P.E., P.L.S. (NSPE President 1993-1994), and Dr. Bobby Price, P.E., Ph.D. (NSPE President 2004-2005), two distinguished members of the society who served as presidents of LES and the National Society of Professional Engineers (NSPE). The purpose of this Award is not only to recognize the recipient's accomplishments and service to the engineering profession, but to encourage and inspire others to volunteer to service the Society and the Profession at the Chapter, State, Regional and National levels.

John J. Plaisance, III, P.E., P.L.S., ENSPE

John J. Plaisance, II, P.E., L.S., is President of J. Wayne Plaisance, Inc., a general civil engineering and land surveying firm in Galliano, Louisiana. He began his career working in the summers as a rodman and chainman, and then moved up to instrument man, party chief, draftsman, and technician. In 1985, John became a project administrator upon graduation from college. Mr. Plaisance was named President of J. Wayne Plaisance, Inc., upon his father's death in 1988.

As chief engineer on all projects, Mr. Plaisance has designed a wide variety of projects such as bulkheads, dredging, and warehouses; utility improvements such as water lines, booster stations, and sewer systems; drainage improvements such as pump stations, flood walls, and piping; roadway improvements; subdivisions; office buildings; and recreational facilities such as pavilions and boat launches.

John, a native of Golden Meadow, Louisiana, received his Bachelor of Science Degree in Civil Engineering in 1979 from Louisiana State University and his Masters Degree from Massachusetts Institute of Technology in 1985. John is a registered Professional Engineer and Land Surveyor in Louisiana.

John has been an active member of the Louisiana Engineering Society for many years. He served as President of the society in 1998-99. He also served as Bayou Chapter President in 1991-92, and the Chairman of the Professional Engineers in Private Practice Division in 1996-97. John was chosen to represent Professional Engineers on several Louisiana Engineering Society Committees such as Liaison Committee to Louisiana State Board of Registration for Professional Engineers and Land Surveyors (chair), Public Relations Committee (chair), Long Range Planning Committee (chair), Honors and Awards Committee (chair), LE Magazine Committee, Young Engineering Committee, and Membership Committee. He also served on the Louisiana Professional Engineering and Land Surveying Board Committee on Continuing Professional Development and served on the committee that established the Louisiana Engineer & Surveyor Journal. Mr. Plaisance received the F. Hugh Coughlin Young Engineer Award from the Louisiana Engineering Society in 1995 and the Waldemar S. Nelson President's Award in 2001.

John has also been an active member of the National Society of Professional Engineers. He served as a regional director from Louisiana in 2003-06 and as a member of the House of Delegates from Louisiana in 2006-07. John served on the Future Directions Task Force in 2004-05 and on the Metrics Oversight Task Force in 2005-07. He was named a Fellow of NSPE in 2006.

Mr. Plaisance is a member of the American Society of Civil Engi-

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WALDEMAR S. NELSON PRESIDENT'S AWARD

The Waldemar S. Nelson President's Award will be given as conditions warrant, but not more than annually, for distinguished service to the Louisiana Engineering Society by an engineer member of the Society, who has provided outstanding service to the Society, in an unselfish manner and in keeping with the highest professional standards. The desire of the Society is not only to recognize the recipient, but to encourage and inspire others to take a greater part in the advancement of the Society and its service to mankind. This award is named in honor of Waldemar S. Nelson, P.E., a distinguished member of the Society since 1936.

Ali M. Mustapha, P.E.

Ali M. Mustapha received his Bachelor of Science degree in Civil Engineering from Louisiana Tech University in 1985. He is a registered Professional Civil and Environmental Engineer in Louisiana and a registered Professional Engineer in Arkansas.

Mr. Mustapha started his career as a Project Engineer with Sumner Associates, a civil engineering consulting firm, in Little Rock, Arkansas. In 1988, he joined the Little Rock Wastewater Utility as a Staff Engineer where he assisted in establishing the Inflow/Infiltration assessment program and the sanitary sewer collection system infrastructure rehabilitation program. In 1990, Mr. Mustapha moved to Shreveport where he was appointed as the City's Drainage Engineer/Storm water & Floodplain Administrator. While working for the City, Mr. Mustapha was instrumental in creating programs to reduce flooding and improve drainage. In 1992, he established the Flood Prone Property Acquisition Program for the City. The success of the program in Shreveport became a leading model for other municipalities in the state and the region. In 1993, Mr. Mustapha established the City's Storm water Management Program that was created to insure compliance with EPA's Clean Water Act requirements for municipal separate Storm water System (MS4). Shreveport was the first municipality in the State to receive an NPDES permit and create programs to comply with the Clean Water Act regulations. In February of 2001, Mr. Mustapha was appointed as the City's Water, Sewerage & Drainage Chief Engineer. He is responsible for management of the design and construction of drainage, water distribution, and sanitary sewer collection system projects for the City of Shreveport.

Mr. Mustapha has been an active member of the Louisiana Engineering Society since 1990 and has served in all of the Society's elective offices and was elected as LES President for 2003-2004. He also holds memberships in the National Society of Professional Engineers and has served on regional and national committees, the American Society of Civil Engineers, and the Louisiana Floodplain Management Association. He served as President of the Shreveport Branch of ASCE in 2000-2001 and as a Director at Large on the ASCE Louisiana Section Board of Direction. He is currently serving as the Vice President on the Louisiana Section of ASCE Board of Directors. In January of 2006, Mr. Mustapha was appointed by Governor Kathleen Babineaux Blanco to serve on the Louisiana Professional Engineering and Land Surveying Board.

Mr. Mustapha received special recognition for outstanding service to the Shreveport's Chapter of LES and was awarded the E.M. Freeman Society Participation Award in 1999 and 2005. In 2000, he received the Louisiana Section of ASCE Outstanding Government Civil Engi-

continued on page 22

LES HONORS SEVEN ENGINEERS



**JAMES M. TODD AWARD FOR
TECHNOLOGICAL ACCOMPLISHMENT MEDAL**

The Louisiana Engineering Society Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Service by an Engineer for Technological Advancement or Discoveries as contributions to the advancement of Engineering. The purpose of honoring Engineers with this award is to encourage and inspire other engineers to reach even greater heights of professional achievement. The award is named in honor of James M. Todd, P.E., President in 1930 and an active member of the Society until his death in 1971. Mr. Todd suggested the formation of an award for engineering ingenuity in 1950.

Leslie K. Guice, P.E.

Dr. Leslie K. Guice, P.E., is Vice President for Research and Development at Louisiana Tech University. He has been a member of the civil engineering faculty at Louisiana Tech since 1978. Dr. Guice has held several administrative positions, including Head of Civil Engineering and Dean of the College of Engineering and Science. He obtained the B.A. in Architecture and M.S. in Civil Engineering from Louisiana Tech and his Ph.D. from Texas A&M University with a focus in the structures specialty area.

Dr. Guice led in the establishment of two technology-focused research and education centers that are of regional and national importance. The Trenchless Technology Center, established in 1989, has maintained strong industry and government partnerships and has established itself as a leading center in the U.S. for research, education and service in the underground infrastructure field. Dr. Guice also founded the Center for Entrepreneurship and Information Technology as an interdisciplinary center for advancing entrepreneurial research, education, and innovation.

As Dean, Dr. Guice was responsible for all engineering and science academic and research programs. He led the Institute for Micromanufacturing to focus on the emerging field of nanotechnology. With the hiring of nanotechnology faculty in numerous disciplines, further expansion of research laboratories, establishment of an interdisciplinary engineering PhD program, and initiation of a B.S. in Nanosystems Engineering, the University established strong research and education nanotechnology programs that have received national recognition.

As Vice President, Dr. Guice is responsible for the University's research and technology transfer programs. Under his leadership, the University has significantly increased its intellectual property, technology commercialization, and economic development programs, including the University's first technology incubator and start-up companies.

Dr. Guice serves as the founding Chair for the Louisiana Optical Network Initiative (LONI) Management Council that includes representatives of all higher education system boards, the Division of Administration, and Louisiana Economic Development. LONI is a high-speed optical grid computing network connecting the state's major research institutions and medical schools.

Dr. Guice and his wife Kathy have three sons, Chad, Kyle and Bret. Dr. Guice is a member of the American Society of Civil Engineers and the American Society for Engineering Education.



**THE ANDREW M. LOCKETT AWARD
FOR CIVIC ACTIVITIES**

The Louisiana Engineering Society Civic Activities Award The Andrew M. Lockett Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Civic Service by an Engineer, in the interest of the Public, without compensation for those services. The character and scope of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the civic well being of their communities, parishes and the State of Louisiana. The award is named in honor of Andrew M. Lockett, P.E., a distinguished member of the Society from 1900 until his death in 1945. Mr. Lockett was a strong advocate for engineers to get involved in civic activities.

Frank P. Gallagher, III, P.E., CIH

Frank P. Gallagher, III, P.E., CIH, has 40 years professional experience. A native of New Orleans Louisiana, he holds baccalaureate and graduate degrees in Civil and Environmental Engineering from the University of Louisiana Lafayette, Clemson University and the University of Texas. He holds professional licenses in Civil and Environmental Engineering and is certified in the practices of industrial hygiene and indoor air quality.

His experience includes a twenty-six year career as a US Air Force officer serving in bioenvironmental and civil engineering capacities both abroad and in the United States. These experiences include medical facility construction and design; environmental engineering, natural resources and industrial hygiene program execution and management; disaster preparedness and planning and civil/environmental engineering research and development program management.

Frank joined the environmental engineering consulting staff of Walk Haydel and Associates in 1993 upon retirement from the US Air Force in the grade of Colonel. This affiliation transitioned to Dames & Moore in 1996 and to the URS Corporation in 1999. Frank is the Environmental Hygiene Services Department Head for the URS Metairie P&L and Process & Energy Region. He also serves as the URS Health and Safety Representative to these organizations which have offices throughout Louisiana, and also in Kansas, Kentucky, Minnesota, Alabama, Mississippi, and Texas. He and his staff offer industrial, government and domestic clients a broad menu of services including addressing indoor air quality issues, industrial hygiene, forensic engineering, expert witness support, radiation monitoring and controls and environmental noise monitoring and control.

Frank has served on advisory boards with the University of New Orleans and the University of Louisiana Lafayette. He volunteers as an engineering profession career mentor at his alma mater De La Salle High School. Frank is the Past President of the Rutherford High School PTA; the Panama City Post, Society of Military Engineers; and the Louisiana Engineering Society, New Orleans Chapter. He holds the 1999 Waldemar S. Nelson President's Award from the Louisiana Engineering Society and the Legion of Merit from the United States Air Force.

Frank and his wife Eileen, presently residing in Jefferson, Louisiana, have three daughters, two son-in-laws, and four grandchildren.



**THE A. B. PATERSON AWARD
FOR AN ENGINEER IN MANAGEMENT**

he Louisiana Engineering Society Engineer-in-Management Award. The A. B. Paterson Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Service in Management by an Engineer whose achievements in management rather than engineering or scientific attainments shall be the primary criteria for the selection of the recipient. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to greater effort in the field of Business Management. The award is named in honor of A. B. Paterson, P.E., and active member of the Society from 1923 until his death in 1952. Mr. Paterson was an engineer, administrator, executive, banker, civic leader and humanitarian.

John W. "Billy" Moore, P.E.

Mr. Moore serves as vice president and Chief Financial Officer of MMLH, Inc., manager of the company's Southern region and manager of the Utility Relocation Team for the Louisiana Department of Transportation TIMED (Transportation Infrastructure Model for Economic Development) Program. He is the direct supervisor of 16 employees, including 4 P.E.'s and 1 PLS. Mr. Moore's previous experience consists of designing or managing over \$14 million in MMLH water, wastewater, gas, drainage and road projects.

As manager of Utility Relocation for LA TIMED Managers, Mr. Moore is directly responsible for relocating utilities that conflict with the widening of roadways included in the \$4.3 billion LA TIMED Program. Under his management, the cost of utility relocation to DOTD is over \$82 million with an estimated \$80 million of additional utility company cost being expended. Mr. Moore's innovative processes within the DOTD regulations include:

1. Determining the cost effective method of building a road, including a cost comparison of different road and utility relocation methods.
2. Purchasing additional ROW in specific locations to allow the utilities to relocate inside of state ROW instead of requiring the purchase of additional ROW at state cost.
3. Early clearing and grubbing of utility corridors.
4. Completing U-drawings, showing the relocated utilities on the roadway plans. This allows all parties to know where each utility will be and leads to early conflict mitigation.
5. Monitoring utility relocation problems and progress.
6. Assisting utility companies with paperwork to allow agreements to be executed and relocation to be completed timely.
7. Early and frequent communication with the utility companies including meeting with them at least 2 years prior to commencing relocation.
8. Time
9. Meeting with major utility companies in the state, including Bell-south, CLECO, Gulf South Pipeline and Entergy, to discuss the schedule and program.

These innovative team activities have been very popular with the utility companies and the LA TIMED Managers team, and have assisted with the success of the TIMED program. Mr. Moore received the 2005 Louisiana TIMED Managers Choice Award for Employee of the Year in recognition of his efforts.



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11TH ANNUAL JOINT ENGINEERING SOCIETIES CONFERENCE

The Joint Engineering Societies Conference was held January 17th and 18th at the River Center in Baton Rouge. The conference was held in conjunction with the LOBO's Trade Show and was very successful. There were 230 participants and 19 exhibitors. Attendees at the conference were able to get 12 hours of Continuing Education from a choice of 47 different classes.



In conjunction with the Joint Engineering Societies Conference the Honors and Awards Banquet was held at noon on Thursday and was sold out for a second consecutive year. Congratulations again to all the award winners!

We would like to thank the speakers, exhibitors, and sponsors because without their support we would not be able to offer Continuing Education hours at such a reasonable cost to our members. Please see the list of exhibitors and sponsors in this issue.

Many thanks to the Joint Engineering Society Conference Chairman Alan Krouse, LES Executive Director Brenda Gajan, Cathy Guidry, and Gloria Wiley for an outstanding job.

Since this was the first time we held our conference in conjunction with LOBO's we would appreciate any comments. Please send them to Brenda via a fax or email.

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I send greetings to those observing National Engineers Week.

New discoveries and technologies are changing the way Americans live and work. Through dedicated research and development, engineers expand our knowledge and lay the foundation for the progress of our country. This week is an opportunity to recognize engineers for their many contributions to our way of life and to encourage young people to pursue their curiosity by studying math and science.

To enable our Nation's children to continue this tradition of achievement, my Administration has launched the American Competitiveness Initiative to strengthen math and science education and to train more teachers in these subjects. Through these efforts and the work of scientists and engineers, we can inspire young people to recognize the importance of math and science to their future.

I appreciate engineers for working to advance America's legacy of progress. Your efforts contribute to a brighter future and embody the spirit of American innovation.

Laura and I send our best wishes.

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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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Dudley Hixson – Bobby Price National Professional
Achievement Award continued from page 15

neers, and the Louisiana Society of Professional Surveyors as well as a member of Chi Epsilon, the Civil Engineering Honor Society.

His community involvements involve serving on and as chair of the finance committee for Sacred Heart Church in Cut Off; serving on two home rule charter commissions in Lafourche Parish; serving on the board and as Treasurer of the Chamber of Commerce of Lafourche and the Bayou Region; serving as President and Treasurer of the South Lafourche Chamber of Commerce; and participating on the VIP panel for the Cerebral Palsy Telethon. John is presently serving as a charter board member of the Kiwanis of South Lafourche, and is a past member of the Golden Meadow Rotary Club and the South Lafourche Jaycees.

John and his wife Diane reside in Galliano, Louisiana. They have three children: Alexia, Breanne, and John, III.



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Waldemar S. Nelson President's Award continued from page 15

neer Award and in 2001; he was awarded the Sections' President Metal Award. In 2002, Mr. Mustapha received the Louisiana Engineering Society Leo M. Odom Services to the Profession Award

Mr. Mustapha is also active in many civic and community organizations. He speaks very often to community, professional and civic groups and in his free time he coaches his children's soccer teams and assists in coaching other sports. He and his wife Darlene and two daughters Angela, a junior at the University of Oklahoma, Sara, and son Ryan live in Shreveport.

THE SPEC SHEET

Warren J. Wilder

Executive Director



Warren J. Wilder
Executive Director

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PRESIDENTIAL PROFILE...

James P. Ledet, P.E., serves as this year's President of the Board of Governors of the American Council of Engineering Companies of Louisiana (ACEC/L). For the past 10 years, he has been an active board member and has served in various positions on the board and Executive Committee. Ledet is the past president of the Bayou Chapter of the Louisiana Engineering Society (LES) and the 1995 recipient of the James M. Todd Technological Accomplishment Medal from LES for his innovative use of UNET hydraulic modeling on the 1-1B Forced Drainage Project in Terrebonne Parish. While attending Nicholls State University, Ledet began working part-time for T. Baker Smith, Inc. – a prominent consulting engineering services firm established in Houma in 1913. He completed his education in 1982, graduating from Louisiana State University

with a B.S. degree in Civil Engineering. While at LSU, Ledet worked part-time for Professional Engineering Consultants Corporation in Baton Rouge. Upon graduation he returned to the bayou region and T. Baker Smith, Inc. where he remained until 1992 when he was appointed Public Works Director for Lafourche Parish – the first registered engineer ever to serve in that position. In 1994, Ledet returned to TBS; and in 2002, he became the manager of the Thibodaux office of TBS. He serves as a commentator at St. Joseph Co-Cathedral and is an active member of the Bayou Community Band. Ledet is married to the former Louise Richard, and they have one son, Matthew, a junior majoring in Geomatics at Nicholls State University. Interestingly, Matthew works part-time for his dad in the Thibodaux office.

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WSA offers an excellent compensation and benefits package including competitive compensation, health, dental, vision, 401k, paid time off, ESOP, and more. To learn about Wilbur Smith Associates and to apply online, please visit our website at www.WilburSmith.com. Resumes may also be sent via fax to 803-251-2064 or mailed to P.O. Box 92, Columbia, SC 29202-0092. Please reference job #TC10385 when applying.

EOE/M/F/D/V

L'ARPENTEUR LOUISIANE

Ryan J. Fuselier, P.L.S.



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

It all began just over 13 years ago enrolled as a Mechanical Engineering student at the University of Southwestern Louisiana (USL) at Lafayette. I knew little of the profession of surveying and never considered surveying for a career. As a result of sliding doors, life handed me an opportunity to learn about the profession of surveying – a father-in-law with a PLS. Over the next several years working between semesters and summer breaks, Mr. Joe taught me the basics of Land Surveying and the “Art” of swinging a brush knife. Sure the summers could be hot and the winters cold at times, but I really enjoyed the challenges and technology associated with surveying. My experience shifted my studies to Civil Engineering with a goal of obtaining a Professional Land Surveying license. Graduating in Civil Engineering in 1996, I followed the path that the LAPELS board laid out, and completed my studies in surveying at T. H. Harris campus in Opelousas, La. Mr. Mike Stelly was an excellent teacher who prepared me well for the surveying licensure examination. February of 1999 I received my Professional Land Surveying license and just over 8 years later I am writing my farewell as your LSPS president. It has been a pleasure to be able to give back to the profession that has given me a wonderful career that’s both challenging and rewarding. As a wise man once said: “Happy is the man who cannot tell the difference between work and play.”

WHAT A YEAR...

What a great board, thank you all for your hard work and dedication. We worked as a team and everyone participated to make this a great year. Working together we fought several legislative battles with many thanks to Jane Burgin, Mike Mayeux, Glen Kent and Tony Cavell. A special thanks to all members of LSPS for contacting your legislators when LSPS requested your support. Contact with your senators and representatives is critical to a successful legislative agenda.

This year LSPS and LAPELS forged a new relationship on a more personal level. We now have representatives present at both board meetings and have worked together supporting each other on topics like Trespass Law and enforcement. In the near future LAPELS and LSPS have planned joint efforts to promote the profession at schools and events designed to highlight engineering and land surveying. As Nicholls begins to graduate students in Geomatics, LSPS and the board will work together to refine the current licensure requirements for surveyors relative to experience before and after graduation as it applies to registration.

We have a new website thanks to Cochrane Technologies that is robust, refreshing and offers interactive tools for members of the board and committee chairman. Members of LSPS will have a discussion forum and in the near future, the ability to make purchases online.

The new website will be released at the 2007 convention.

I would like to thank David Patterson, LSPS Past President for spearheading the Every Member Campaign (EMC) that was very successful for raising education funds for the Geomatics Program at Nicholls. LSPS was able to raise over \$25 thousand dollars which has helped Nicholls furnish a new computer laboratory along with several scholarships.

LSPS has been able to contribute to disaster monies for Katrina and Rita victims, provide seminars, battle the legislature, promote the profession, host competitions (TRIGSTAR), offer scholarships, but the one thing we could not do... is do it without Ronda. Ronda Courville has been a great Executive Administrator and has done an outstanding job. Thank you Ronda for your dedication to our profession and willingness to go beyond the call of duty to make our organization successful. My term may end, but members of LSPS can be sure that your board is strong and will continue to be a guiding light for surveyors in the state of Louisiana.

Thanks to the following participants in the
"Every Member Campaign"
donating at the *Partner* level and above:

APACHE CORPORATION
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PATIN ENGINEERS & SURVEYORS, INC.
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SJB GROUP, LLC
WILLIAM CLIFFORD SMITH
TURNER SURVEYS, LLC
In memory of GEORGE F. WEBB, JR.

Every dollar contributed to the
"Every Member Campaign" is designated to support the
Nicholls State Geomatics Program.

~~~~~  
PLEASE COMPLETE AND RETURN TO MAKE YOUR DONATION TO THE *EMC!*

**Individual Donor to be recognized:**

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Email \_\_\_\_\_

**If Applicable:**

**Firm Name to be recognized** \_\_\_\_\_

**Contribution type:** (Make checks payable to the LSPS Education Foundation)

Amount of Contribution \$ \_\_\_\_\_

One time gift \_\_\_\_\_

Yearly contribution \_\_\_\_\_ (Bill me yearly)

Yearly contribution for period of \_\_\_\_\_ years, 2007-\_\_\_\_\_.

**THANKS FOR YOUR CONTRIBUTION!**

*Donations are tax-deductible. Please keep a copy for your records.*



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LOUISIANA SOCIETY OF  
PROFESSIONAL SURVEYORS



**The Louisiana Society of Professional Surveyors  
Invites You to the  
46th Annual Convention - April 18-21, 2007  
Baton Rouge, LA.**

- ♦ **22 Professional Development Hours** presented by outstanding speakers
- ♦ **Visit with land surveyors from around the state and beyond**
- ♦ **Exhibitors offering the latest technology for the land surveyors**

Wednesday - April 18, 2007

- Participate in the *Golf Tournament* to be held at the LSU Golf Club, and visit the *Exhibitor Reception* during the evening.

Thursday - April 19, 2007

- In the morning, attend the session "*GPS, Vertical Datums & Conversion*", (4pdh credit), presented by Denis Riordan and Cliff Mugnier.
- In the afternoon, join us for the luncheon and *Annual Business* meeting (1pdh). The afternoon session topic is "*Business Ideas for Surveyors*" and "*State Funding*", for 4 pdh credits.
- In the evening, the host district - LSPS District 6 - invites you to a Crawfish Boil - 6:00pm - 'til.

Friday - April 20, 2007

- In the morning, Eric Lanier speaks on "*Surveying for the LA. DOTD*", (2 pdh) followed by "*Ethics*" -presented by Glen Kent (2pdh).
- In the afternoon, Jane Burgin and Tony Cavell will present a *Legislative Update* (1pdh). Marty Beasley completes the Friday schedule with the presentation "*GIS, State Lands*" (4pdh).
- In the evening make plans to attend the *LSPS Annual Awards Banquet*.

Saturday - April 21, 2007

- We are pleased to provide a required 4 pdh continuing education course, "*Minimum Standards for Property Boundary Surveys*" presented by Glen Kent.

***For the Ladies—***

In addition to the Wednesday Exhibitor reception and Thursday Crawfish Boil, plans are being finalized for two fun-filled days of activities. Check the LSPS website for updates to the Ladies schedule.  
[www.lspss.net](http://www.lspss.net)



# LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS

## 46<sup>th</sup> ANNUAL CONVENTION - April 18-21, 2007

**Facility:**

Cook Conference Center & Hotel  
3848 W. Lakeshore Dr.  
Baton Rouge, LA 70808  
225/383-2665

Hotel - Cook Conf. Center & Hotel  
3848 W. Lakeshore Dr.  
Baton Rouge, LA - 225/383-2665  
Room rates begin at \$93.00, and you  
**MUST mention the LSPS Convention**  
[www.cookconferencecenter.org](http://www.cookconferencecenter.org)

### \*EARLY REGISTRATION DEADLINE IS MARCH 21st

| Registration Fees (mark appropriate boxes)                                                                                                                                                      | LSPS MEMBERS                                            | NON-MEMBERS                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>Seminar Package Registration</b><br>❖ ALL SEMINARS AT CONVENTION<br>❖ Daily Admittance to Exhibitor Area. Luncheons Thursday, Friday<br>❖ Crawfish Boil on Thursday | <input type="checkbox"/> \$275.00                       | <input type="checkbox"/> \$335.00                                                |
| <input type="checkbox"/> <b>Only Thursday Seminar Registration</b><br>❖ Admittance to Exhibitor Area, Lunch Friday<br>❖ Crawfish Boil on Thursday                                               | <input type="checkbox"/> \$150.00                       | <input type="checkbox"/> \$210.00                                                |
| <input type="checkbox"/> <b>Only Friday Seminar Registration</b><br>❖ Admittance to Exhibitor Area<br>❖ Luncheon                                                                                | <input type="checkbox"/> \$150.00                       | <input type="checkbox"/> \$210.00                                                |
| <input type="checkbox"/> <b>Only Saturday Seminar Registration</b>                                                                                                                              | <input type="checkbox"/> \$75.00                        | <input type="checkbox"/> \$135.00                                                |
| <input type="checkbox"/> <b>Golf Tournament</b> — Wednesday, April 18th                                                                                                                         | <input type="checkbox"/> \$60.00                        | <input type="checkbox"/> \$60.00                                                 |
| ❖ Please provide HANDICAP for team placement: _____                                                                                                                                             |                                                         |                                                                                  |
| <input type="checkbox"/> <b>Annual Banquet</b> - Friday, April 20th<br>❖ * Price Per Ticket - # of tickets _____                                                                                | <input type="checkbox"/> \$35.00*                       | <input type="checkbox"/> \$35.00*<br><input type="checkbox"/> \$60.00 per couple |
| <input type="checkbox"/> <b>Ladies Tours &amp; Luncheons</b><br>❖ * Price Per Ticket - # of tickets _____<br>Complimentary Admittance for: Exhibitor Reception & Crawfish Boil                  | <input type="checkbox"/> \$65.00 *                      | <input type="checkbox"/> \$65.00 *                                               |
| <b>NO REFUNDS AFTER<br/>April 4, 2007</b>                                                                                                                                                       | <b>*Registration after 3/21/07 add \$50.00 late fee</b> |                                                                                  |
| <b>TOTAL FEES:</b> _____                                                                                                                                                                        |                                                         |                                                                                  |

**NAMES FOR BADGES** \_\_\_\_\_ **and** \_\_\_\_\_

**MAILING ADDRESS** \_\_\_\_\_ **ZIP** \_\_\_\_\_

**PHONE:** \_\_\_\_\_ **EMAIL** \_\_\_\_\_

|                 |                                |                                                                                                                                 |
|-----------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Payment:</b> | <input type="checkbox"/> Check | <input type="checkbox"/> <b>Visa/Mastercard (only)</b><br>Credit Card #: _____<br>Name on Card: _____<br>Expiration Date: _____ |
|-----------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|

**Mail or Fax To:**

Louisiana Society of Professional Surveyors  
9643 Brookline Ave, Ste 108, Baton Rouge, LA 70809  
\* Fax: 225-925-5802 \* Questions: 225-925-5800 ([lsps@bellsouth.net](mailto:lsps@bellsouth.net))



# EXHIBITOR INFORMATION

## WELCOME TO THE LSPS

46<sup>TH</sup> ANNUAL CONVENTION – APRIL 18-21, 2007!

### Facility

- ❖ Cook Conference Center & Hotel  
3848 W. Lakeshore Dr., Baton Rouge, LA 70808 - 225/383-2665
- ❖ *LSPS Convention Guest Room Rate starts at \$93.00.*  
\*\* MUST mention the LSPS Convention \*\*

### Exhibitor Details

- ❖ Booths will be one table & two chairs, electrical, and complimentary sign.
- ❖ Exhibitors may begin setting up at 12:00 noon on Wednesday, April 18th.
- ❖ There will be an exhibitor reception held on Wednesday, April 18th, from 6:00 P.M. – 9:00 P.M., sponsored by NEI.
- ❖ Additional exhibit viewing time will be scheduled on Thursday, April 19th, 2007, throughout the day between 7:30 A.M. & 4:30 P.M. (prior to morning seminar, extended morning & afternoon breaks and luncheon, etc.)
- ❖ Exhibitors will be recognized at the luncheon on Thursday, April 19th.
- ❖ Exhibit viewing on Friday, April 20, 2007 throughout the day between 7:30 A.M. & 1:30 P.M. (prior to morning seminar, extended morning break & luncheon).
- ❖ Exhibit viewing will conclude after the Friday luncheon.
- ❖ **Fees:**

|                     |       |
|---------------------|-------|
| First Booth         | \$400 |
| Second Booth        | \$350 |
| Additional Booth(s) | \$300 |

### Event Sponsorship

- ❖ We welcome our exhibitors to sponsor a morning refreshment, morning break, or afternoon break. Each sponsor will have a sign placed during the appropriate time and special recognition in the convention booklet.

*Sponsorship Fee* **\$200**

(Events – LSPS reserves the right to have more than one sponsor for each event.)

- |                                                        |                                                      |
|--------------------------------------------------------|------------------------------------------------------|
| <input type="checkbox"/> Thursday Morning Refreshments | <input type="checkbox"/> Friday Morning Refreshments |
| <input type="checkbox"/> Thursday Morning Break        | <input type="checkbox"/> Friday Morning Break        |
| <input type="checkbox"/> Thursday Luncheon             | <input type="checkbox"/> Friday Luncheon             |
| <input type="checkbox"/> Thursday Afternoon Break      |                                                      |

### Social Events

- ❖ **ATTENTION GOLFERS!** The Annual LSPS Golf Tournament will be held on Wednesday, April 18th at the LSU Golf Club. Fee for the golf tournament is \$60 per person and includes lunch.
- ❖ A reception in the Exhibitors' honor will be held on Wednesday, April 18th, in the Conference Center from 6:00 P.M. – 9:00 P.M.
- ❖ We invite the exhibitors to join the membership for luncheons on Thursday, April 19th and Friday, April 20th.
- ❖ LSPS is planning a complimentary crawfish boil at the hotel on Thursday, April 19th, beginning at 6:00pm.
- ❖ The Annual Awards Banquet will be held at the hotel on Friday, April 20th, from 6:00 P.M. – 'til. Fee for the banquet is \$35.00 per person or \$60.00 per couple.

### LSPS Contacts

- ❖ David Patterson, District 6 Convention Chairman  
225/752-0995 or [dpatterson@landsource.com](mailto:dpatterson@landsource.com)
- ❖ Ronda Courville, LSPS State Office – Phone (225) 925-5800 – Fax (225) 925-5802 – or e-mail at [lsp@bellsouth.net](mailto:lsp@bellsouth.net).



# EXHIBITOR BOOTH REGISTRATION

FOR THE  
LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS  
46TH ANNUAL CONVENTION – APRIL 18-21, 2007

Firm Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_ Email: \_\_\_\_\_

Names for Badges: \_\_\_\_\_  
\_\_\_\_\_

Sign Me Up for \_\_\_\_\_ Golf Tournament \_\_\_\_\_

My handicap is: \_\_\_\_\_

I WOULD LIKE TICKETS TO THE ANNUAL AWARDS BANQUET: \_\_\_\_\_  
# of tickets

## **FEES ENCLOSED**

Booth(s): \_\_\_\_\_ First Booth: \$400 Second Booth: \$350 Add'l Booth(s): \$300

First Choice: \_\_\_\_\_ Second Choice: \_\_\_\_\_ Third Choice: \_\_\_\_\_  
(Contact LSPS for layout) - (Exhibit placement will be on a first come, first serve basis).

Event Sponsorship: \_\_\_\_\_ \$200 per Event  
(Mark Event – LSPS reserves the right to have more than one sponsor per event.)  
☐ Thursday Morning Refreshment; ☐ Thursday Morning Break;  
☐ Thursday Luncheon; ☐ Thursday Afternoon Break;  
☐ Friday Morning Refreshments; ☐ Friday Morning Break; ☐ Friday Luncheon

Golf \_\_\_\_\_ \$60 per Person Ladies Events \_\_\_\_\_  
\$65 per Person

Banquet \_\_\_\_\_ \$35 per Person

**TOTAL FEES:** \_\_\_\_\_

### **Mail or Fax to:**

Louisiana Society of Professional Surveyors  
9643 Brookline Ave., Ste. 108, Baton Rouge, La. 70809  
\*Fax: (225) 925-5802 \* Questions: (225) 925-5800



# LSPS SUSTAINING MEMBER FIRMS

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ENGINEERING  
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TURNER SURVEYS, LLC



## DISTRICT 4 SEMINAR UPDATE

District 04 hosted an 8 hour seminar on January 12, 2007, and over 65 registered participants from districts around the state were present. The seminar included presentations on Elevations, by Carl Watts of FEMA, an NGS update on Bench Marks in Louisiana, by Denis Riordan, and John Evans, PLS of the La. State Land Office, presented the history of the boundary between Louisiana and Texas. As a surprise presentation, Ms. Nita Cole of the Louisiana State Exhibit Museum brought a bottle that had been used to mark the center of a mound constructed on the boundary. This bottle was placed in 1841 as part of a joint survey by the United States and the Republic of Texas. It was recovered in 1941 by the Louisiana Geodetic Survey during a retracement, and given to the Shreveport Historical Society. As a door prize, a print of an artists' depiction of the 1841 survey party was donated by Dan Hampton, a PLS from Texas.

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# 2007 Map & Plat Contest Official Entry Form

Sponsored by the **Louisiana Society of Professional Surveyors**

LSPS, 9643 Brookline Ave, Ste 108, Baton Rouge, LA 70809 ♦ (225)925-5800 ♦ Fax (225)925-5802 ♦ E-mail: lsps@bellsouth.net ♦ Website: lsps.net

This will be a judged contest. A maximum of three maps per category will be exhibited at the 46th Annual Convention in Baton Rouge, Louisiana. Entrants must be a member of LSPS. **The entry must have been completed after June 30, 2005**, and may not have previously been entered in any LSPS contest. The entry may be freehand or machine drafted.

Submit **ONE (1)** folded print for each entry with a maximum map size of 34" by 44". **All entries must be folded to fit in a 9" by 12" envelope.** Submissions must be a single drawing; it may originate as part of a set of drawings, however, it must be entered as a single sheet. Use one entry form per document submitted. An entry fee of \$15 must accompany each form. Winners will be contacted to send a print for display at the LSPS Annual Convention. The first prize winners will be entered in the ACSM/NSPS National Map & Plat Contest.

All entries will be judged on adherence to the criteria as set forth by the LSPS committee. The judges will consider interpretability, content and layout of data shown, presentation, innovation, applicability to typical client or persons using this type of map, and correctness. Neatness and accuracy of scale shall also be considered.

## CATEGORIES

1. Subdivision Plats

☐

2. Boundary/Cadastral Maps

☐

3. Topographic Maps

☐

4. ALTA/NSPS Survey Maps

☐

5. Miscellaneous Maps

(Permit drawings, Hydrographic maps, etc.)

☐

6. Color Presentation-Plans & Maps

(All Categories)

☐

(Only one Category may be checked)

**An entry fee of \$15 must accompany this form**

(Make checks payable to LSPS)

**Submit this entry form and fees to:**

Map & Plat Contest Chairman  
Louisiana Society of Professional Surveyors  
9643 Brookline Avenue, Suite 108  
Baton Rouge, LA 70809

Entrant's Name: \_\_\_\_\_

Company or Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Zip Code: \_\_\_\_\_

Phone: (W) \_\_\_\_\_ (H) \_\_\_\_\_

Title of Entry: \_\_\_\_\_

Description of Project: \_\_\_\_\_

**Name and Address of Nominator if other than entrant.**

Name/Address/Company: \_\_\_\_\_

(Use one entry form per document submitted)

\* THIS FORM MAY BE REPRODUCED.

I give my permission for this entry to be placed on display at any LSPS, ACSM or NSPS sanctioned exhibit on cartography or map design. Also, I understand that entries may be reproduced in any LSPS, ACSM or NSPS sanctioned publications, that winning entries may be duplicated, reproduced, or copied and sold by LSPS, ACSM or NSPS, and that the winning contest entries may be placed in the map collection of NSPS at the Michigan Museum of Surveying. No entries will be returned. The decisions of the judges are final.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

FOR LSPS OFFICE USE ONLY: Map & Plat Contest Entry Number \_\_\_\_\_

**ENTRY DEADLINE MARCH 15, 2007!**

**LSPS**  
LOUISIANA SOCIETY OF  
PROFESSIONAL SURVEYORS



# Leica System 1200 Just got even better



The Leica GPS1200



The Leica SmartStation



The Leica SmartRover



The Leica Reference Station

## Introducing the world's first GNSS/GLONASS – capable Surveying System



The Leica System 1200 now speaks more languages than ever. Leica Geosystems has just added the Russian-based GLONASS satellite capability to the world's best-performing GPS system. The result: faster initialization, reduced downtime and unmatched productivity. The System 1200 is also designed to support future GNSS

technology like GPS L5 and Galileo. So whether you're working in urban canyons or where trees block the number of visible satellites, you'll get more performance and unprecedented productivity out of the new Leica System 1200 family of products, now and in the future. For more information see your Leica Geosystems dealer or call 1-800-367-9453.

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# Application For Membership

## Louisiana Society of Professional Surveyors

Affiliated with American Congress on Surveying and Mapping & the National Society of Professional Surveyors  
9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809 • Phone (225)925-5800 • Fax (225)925-5802  
E-MAIL: [lsps@bellsouth.net](mailto:lsps@bellsouth.net) • WEBSITE: [www.lsps.net](http://www.lsps.net)

### PLEASE COMPLETE THE FOLLOWING SPACES

Name: \_\_\_\_\_  
LAST FIRST MIDDLE

Registration Number: \_\_\_\_\_

P.L.S. ☐ P.E. ☐ Other \_\_\_\_\_

Home Address: \_\_\_\_\_  
STREET CITY & STATE ZIP CODE

Home Phone: \_\_\_\_\_

Business Affiliation: \_\_\_\_\_ Position or Title: \_\_\_\_\_

Business Address: \_\_\_\_\_  
STREET CITY & STATE ZIP CODE

Business Phone: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

Fax Phone: \_\_\_\_\_

Education: \_\_\_\_\_  
SCHOOL DATE GRADUATED DEGREE

Surveying Experience \_\_\_\_\_  
# YEARS

**NOTE: A brief educational and professional record must be attached if applicant is not a P.L.S. or P.E.**

Member of ACSM: ☐ Yes ☐ No

REFERENCE (LSPS Member, if possible)

Name: \_\_\_\_\_ Address: \_\_\_\_\_

### GENTLEMEN:

I hereby apply for admission into the Louisiana Society of Professional Surveyors as a \_\_\_\_\_ Member, and agree to comply with the Charter, By-Laws and the Code of Ethics of the Association. Please assign me to the following district:

District 1 – New Orleans ☐

District 2 – Houma ☐

District 3 – Lafayette ☐

District 4 – Shreveport ☐

District 5 – Monroe ☐

District 6 – Baton Rouge ☐

District 7 – Lake Charles ☐

District 8 – Alexandria ☐

District 9 – Covington ☐

Out-of State ☐

Date: \_\_\_\_\_

APPLICANT'S SIGNATURE

### CLASSES OF MEMBERSHIP

#### REGISTERED MEMBER

Any person holding a license from the State of Louisiana or any of its agencies authorizing such person to engage in the practice of Land Surveying. Registered Members shall be entitled to vote on all matters and hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$65.00

#### MEMBER

Surveyors registered in a State or Country other than the State of Louisiana. Members shall be entitled to vote and hold any Office except that of President or Vice-President.

INITIATION FEE \$10.00 ANNUAL DUES \$45.00

#### STUDENT MEMBER

Any undergraduate student of an Engineering School recognized by the Board. Student Members shall not be eligible to vote or hold any Office in the Corporation.

ANNUAL DUES \$10.00

#### ASSOCIATE MEMBER

Any person recognized and so admitted by the Board of Directors intending to become a Land Surveyor, but not licensed by the State of Louisiana or any of its agencies to engage in the practice of Land

Surveying in the State of Louisiana. An Associate Member must attain the Status of Registered Member within eight (8) years of cumulative membership or he shall thereupon be reclassified as an Affiliate Member. Associate Members shall be eligible to vote but not to hold office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

#### AFFILIATE MEMBER

Any person not included within the definitions above provided in paragraphs 1,2,3 and 4 interested in advancing the cause and aims of the Corporation. Affiliate Members shall not be eligible to vote or hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

#### SUSTAINING MEMBER

Any firm or individual desiring to support the aims and objectives of the Association, who may or may not be entitled to one of the foregoing classes of Membership, may become a Sustaining Member upon application and approval by a majority vote of the Board of Directors. Sustaining Members shall not be eligible to vote or hold any Office in the Corporation, however, if a Sustaining Member also holds another class or other classes of membership, that Sustaining Member class shall not infringe upon such rights and privileges.

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William Poche

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Louisiana

# Engineer & Surveyor

Journal

July 2007

Vol. 10 No. 2

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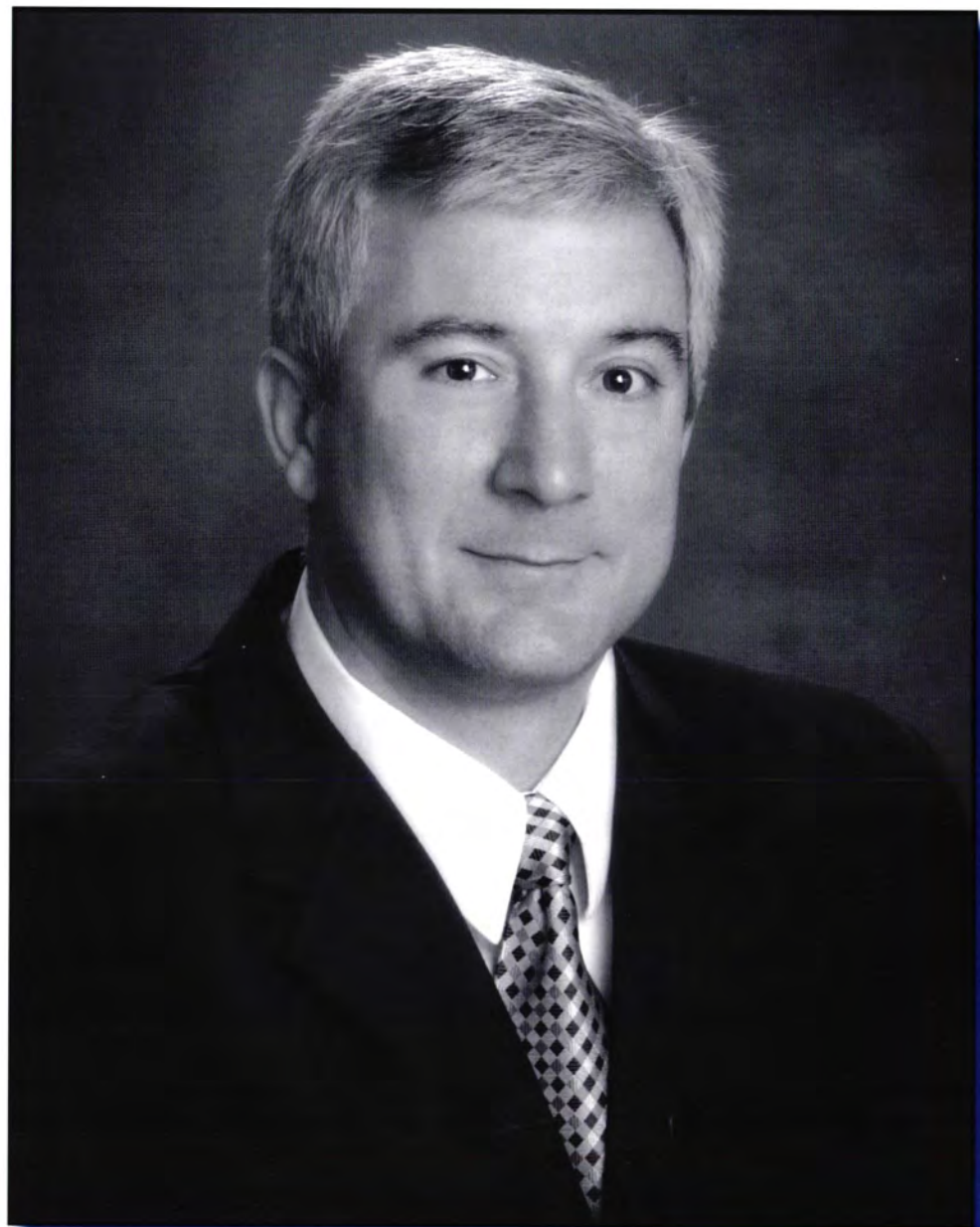
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**SCOTTY BAUDOIN**

**2007-2008 Louisiana Engineering Society President**





## Louisiana Engineering Society

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Telephone: (225) 924-2021, Fax: (225) 924-2049

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### LOUISIANA ENGINEER AND SURVEYOR JOURNAL

May 2007

Vol. 10 No. 2

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- 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.



Kerry M. Hawkins, P.E.  
Chairman

Louisiana Professional Engineering  
and Land Surveying Board

Congratulations to Mr. Roger Danzy, for his appointment to the LAPELS board effective January 20, 2007. Also Dr. Norma Jean Mattei and Mr. Richard Savoie on their appointments to the LAPELS board effective April 1, 2007. Mr. Danzy works for Dresser Industries in Pineville and fills the industry appointment previously filled by Mr. Mark Segura who died in October. Dr. Mattei, a civil engineering professor at UNO, has been named for the academic appointment replacing Dr. Ken McManis, a civil engineering professor at ULL. Mr. Richard Savoie, of DOTD, has been named to the government appointment replacing Mr. Richard Durrett who recently retired from Lincoln Parish government. We will be providing more biographical information on Dr. Mattei and Mr. Savoie in future journals. We also would like to express our sincere appreciation to Dr. McManis and Mr. Durrett for their dedication and service to the board and engineering profession in Louisiana for the past six years.

I would like to use this time to bring forward a topic that I briefly mentioned in my first article last fall. This topic, the requirement of additional engineering education beyond the baccalaureate degree for registration as a Professional Engineer, was heavily debated at the NCEES national meeting last September. The issue was debated as a proposed change to the NCEES Model Law for engineering registration. Additional education requirement has been studied by various committees both within NCEES and as a part of a larger group composed of representatives from NCEES, technical societies, government, industry and education since 2001. The measure passed by a narrow margin indicating the degree of agreement amongst those present. The measure to include the requirement for additional education in the Model Law will be effective January 1, 2015. While it is indeed a

controversial topic and one that will impact aspiring registrants, educational institutions, and existing registrants and their employers, it needs and merits thoughtful deliberation and reasoned consideration.

I do not anticipate that the LAPELS board will seriously consider this topic in the very near future, but do want all of our "stakeholders" to fully appreciate the topic and to engage LAPELS board members in knowledgeable discussions about the need for additional engineering education out in time (2015+). While a few years distant, it is not too soon to discuss the requirements set forth.

ASCE leadership is leading the charge on the need for additional education to prepare engineers for the challenges of the future. The driver for the issue is the general reduction in core engineering topics required for a baccalaureate degree today. Many of today's experienced registrants graduated with an excess of 140-150+ hours of coursework. More recently degree requirements have been reduced to require only about 125-130 hours of coursework or less. Coupled with an increase of general education hours, the number of "hard engineering" hours has dwindled to such an extent that many in the profession feel that additional coursework is or will be needed to provide the kinds of professional engineering expertise needed out in time due to the many advances in technology and the need for more effective dialogue with the many individuals and organizations that influence public policy.

The premise behind the concern is that 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. The current thinking is that an additional 30 course

hours should be required which would include primarily those upper division design and practice related topics that have been deleted to trim the total hours required for graduation and add hours such as more advanced design or project management that are needed in practice or will be needed in cross functional design teams of the future.

As I indicated at the outset, this is not a current topic of active consideration for the current LAPLES board, but as other states and jurisdictions begin to tackle this controversial topic, we need to be aware of the discussion and give thoughtful consideration to the issues being considered ourselves. We are aware that several midwestern states are already actively discussing requirements for additional education out in time. The future has a way of arriving before we know it. I am certain more discussion will follow on this important topic.

## MARK YOUR CALENDAR

### LAPELS Board Meeting Dates

May 14 – 15, 2007

July 16 – 17, 2007

September 17 – 18, 2007

November 12 – 13, 2007





# FROM THE EXECUTIVE SECRETARY

**Donna D. Sentell**, Executive Secretary



**Donna D. Sentell**  
*Executive Secretary*

This year marks the 100th year of engineering licensure in the United States. Louisiana holds a special place in the history of licensure by being the second state to establish laws relating to the licensure of engineers.

Louisiana native, Colonel Marcel Garsaud, a civil engineer from New Orleans, served as the first chairman of the LAPELS board and was also the first president of the National Board of Registration. Today this board is known as the National Council of Examiners for Engineers and Surveyors (NCEES) in Clemson, South Carolina.

A few things have changed since the original piece of legislation was passed. The original principal provisions of the 1908 Act were as follows:

1. any person, before entering upon the practice of Civil Engineering or Surveying, shall present to the Board of Engineering Examiners-a diploma from an engineering college of good standing, said standing to be determined by the Board, or shall pass a satisfactory examination before the Board;
2. the Board should consist of five members appointed by the Governor for six year terms from a list submitted by the Louisiana Engineering Society;
3. temporary permits for practice could be issued between Board meetings pending review by the Board;
4. certificates issued by the Board must be filed in the office of the Clerk of Court in the Parish in which the applicant resides;
5. a list of qualified practitioners should be published annually in a New Orleans daily paper;
6. the Board should receive \$10 per day and traveling expenses during sessions;
7. that unregistered persons who attempt to practice would be subject to fines of
8. not less than \$25 nor more than \$100 or imprisoned not less than 30 nor more than 90 days; and
9. the Act was not to apply to the "Engineering Department of the United States.

- ✓ Today in order to be licensed in Louisiana, candidates must
  - be a college graduate with a degree in an engineering discipline
  - pass the fundamentals of engineering examination
  - acquire four years of progressive, verifiable, engineering experience
  - pass the principals and practice of engineering
  - take part in continuing education

- ✓ We still issue temporary permits as well as licenses by comity;

- ✓ A list of new licensees is published in the Louisiana Engineering and Surveying Journal, rather than the New Orleans daily paper;

- ✓ The board has the authority to levy fines up to \$5,000 per violation;

- ✓ The LAPELS board consists of 11 members; nine engineers and two surveyors. All members are appointed by the Governor and serve a six year term.

One of the most recent and notable changes in the LAPELS board today is the appointment of our first female board member, Norma Jean Mattei, Ph.D., P. E. What a great way to start the next one hundred years.

## Board Members

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Timothy J. Allen, P.L.S.  
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James D. Garber, Ph.D., P.E.  
Rhaoul A. Guillaume, P.E.  
Mark A. Jusselin, P.E.  
Norma Jean Mattei, Ph.D., P.E.  
Ali M. Mustapha, P.E.  
Richard L. Savoie, P.E.

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Executive Secretary

Robert Eddleman  
Director of Enforcement

Heidi G. Watts  
Administrative Secretary/Editor

[www.lapels.com](http://www.lapels.com)



# DISCIPLINARY AND ENFORCEMENT ACTIONS

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



Robert E. Eddleman

Many times the Enforcement Section of the Board is contacted by individuals who want to know both how to file a complaint and how the process generally proceeds.

Under La. R.S. 37:698-700, the Board has the authority to take disciplinary and/or enforcement action against any individual or firm found by the Board to be guilty of any of the acts or offenses specified in those sections. Charges may be preferred against any individual or firm in the following manner:

(1) The Board, on its own initiative and by a majority vote of its entire membership authorized to participate in a proceeding, may prefer charges against any person who commits or engages in any of the acts or offenses listed in La. R.S. 37:698-700.

(2) The Board, on receipt of a complaint from any person and by majority vote of the Board's entire membership authorized to participate in a proceeding, may prefer charges against any person who commits or engages in any of the acts or offenses listed in La. R.S. 37:698-700. Such complaint shall be in writing, shall be sworn to by the person or persons making the complaint, and shall be filed with the Board.

Within 20 days of the Board's preferral of charges, the Board will mail a copy of the charges to the last known address of the person so charged.

In the event the Board determines after investigation that charges so preferred are completely unfounded, more appropriately resolved outside the formal disciplinary or enforcement proceedings, or not within the jurisdiction of the Board, the Board will so advise the charged party, in writing, of its determination. Otherwise, all charges will be heard by the Board or a hearing committee designated by the Board within 12 months after the date on which they shall have been preferred. This 12-month period may be extended with the consent of both the Board and the charged party.

The date, time, and place for the hearing is fixed by the Board or the hearing committee and a copy of the charges, together with a notice of the date, time, and place of the hearing, are personally served on or mailed to the last known address of the charged party, at least 30 days before the date fixed for hearing. At any hearing, the charged party has the right to appear in person, or by counsel, or both, to cross-examine witnesses in his/her defense, and to produce evidence and witnesses in his/her defense. If the charged party fails or refuses to appear at the hearing, the Board or the hearing committee may proceed to hear and determine the validity of the charges.

If, after such hearing, a majority of the entire Board membership authorized to participate in the proceeding vote in favor of sustaining the charges, the Board may take disciplinary or enforcement action against the charged party. Any charges found by the Board after a hearing

to be unfounded shall be published in the official journal of the Board, if requested in writing by the charged party. A charged party aggrieved by any disciplinary or enforcement action taken by the Board may appeal therefrom, pursuant to the provisions of the Administrative Procedure Act.

All disciplinary and enforcement actions taken will be published in the official journal of the Board and may be released to other professional organizations relating to professional engineering and land surveying or to the news media.

A copy of the formal affidavit of complaint form and instructions can be downloaded from our website [www.lapels.com](http://www.lapels.com). The Board's Laws and Rules can also be downloaded from our website.

The Enforcement Section of the Board continues to remain very busy. Those matters for which disciplinary/enforcement action has been completed since the last issue of the Journal are reported below.

## PRACTICE OF ENGINEERING AND/OR LAND SURVEYING ON AN EXPIRED LICENSE

**Mr. Earl W. Wardlaw, Jr., P.E.**, a Louisiana licensee, was disciplined by the Board for the offering and/or providing of engineering services in Louisiana during the period that his license was in an expired status from October 1, 2005 until May 16, 2006 in violation of La. R.S. 37:698(A)(9) and (16). Mr. Wardlaw's license has been renewed, and he has 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 \$250.00, to pay administrative costs of \$130.25, to successfully complete the Board's online laws and rules examination within sixty days, and to the printing of a summary of this matter by name in this publication.

**Mr. James J. Jones, P.L.S.**, a Louisiana licensee, was disciplined by the Board for the offering and/or providing of land surveying services in Louisiana during the period that his license was in an expired status from April 1, 2006 until October 5, 2006 in violation of La. R.S. 37:698(A)(9) and (16). Mr. Jones's license has been renewed, and he has 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 \$250.00, to pay administrative costs of \$130.25, to successfully complete the Board's

*continued on page 6*



# NEW BOARD MEMBER APPOINTED

**R**oger D. Danzy, P.E., is the Vice-President of Technology and Development for the Pressure Relief Valve Business Unit of Dresser Inc. He is a 1971 graduate of Louisiana Tech University with a Bachelors Degree in Mechanical Engineering and is a registered Professional Mechanical Engineer in Louisiana. Roger has spent the past 34 years performing engineering work for Dresser companies involved in mining and pressure relief valves in capacities of maintenance and plant engineering, application and research and development engineering, engineering, quality, marketing and product technology management.

He is a past officer of the Alexandria Chapter of the Louisiana Engineering Society serving as Secretary, Treasurer, Vice-President and President. Roger also served as the chapters PEI representative and Mathcounts Chairman. He is the 2001 recipient of the Louisiana Engineering Society James M. Todd

Award for Technological Accomplishment Medal.

He is a member of NSPE, ASME, API and AIChE. Roger is a member of the ASME Subcommittee on Safety Valve Requirements and serves on API Task Forces for Recommended Practices 520, 521, 576 and 2000. He is the chairman of API Task Forces for Standards 526 and 527.

Roger and his wife Joan have two daughters, one son and one grandson. They are members of Sacred Heart of Jesus Catholic Church in Pineville.



## EXAMINATION DATES

October 26 – 27, 2007

April 11 – 12, 2008

October 24 – 25, 2008

## APPLICATION DEADLINES

(for first time applicants)

June 1, 2007 for October 2007 exam

December 1, 2007 for April 2008 exam

June 1, 2008 for October 2008 exam



Mr. Richard I. Durrett, P.E., P.L.S. and Dr. Kenneth McManis, P.E., P.L.S. were presented with plaques of appreciation for their time and knowledge while serving the LAPELS board. These gentlemen will be missed.

## DISCIPLINARY AND ENFORCEMENT ACTIONS *continued from page 5*

online laws and rules examination within sixty days, and to the printing of a summary of this matter by name in this publication.

## UNLICENSED OFFER AND/OR PRACTICE OF ENGINEERING AND/OR LAND SURVEYING

**Red Dot Corporation**, a non-resident firm which was not licensed in Louisiana, was subject to enforcement action by the Board for the unlicensed practice and/or

offering of engineering services in Louisiana in violation of La. R.S. 37:681 and 700(A)(1). The firm's employee (who was a Louisiana licensee) offered to practice and did practice engineering in Louisiana on behalf of and in the name of the firm, which included preparing, signing and sealing site-specific engineering documents for metal buildings for four sites in Louisiana. Following a formal hearing, the Board assessed the firm with a fine of \$1,000.00 and administrative costs of \$3,166.08 and ordered the printing of a summary of this matter by name in this publication.



# NEW REGISTRANTS

*New Registrants for the Period of January 15, 2007 - April 16, 2007*

## Professional Engineers

Abel, Dennis Daniel  
 Abraham, Julia Hortensia  
 Ahmad, Saddam  
 Amori, David P.  
 Arockiasamy, Madasamy  
 Aronstein, Jr. James M.  
 Atkinson, Michael Thomas  
 Bailey, Robert J.  
 Bailey, Woodrow James  
 Basu, Kalyan Kumar  
 Beckemeyer, Curt Alan  
 Blanton, Jerry Robin  
 Bokhoven, William Henry  
 Bonaparte, Rudolph  
 Bradford, James Daniel  
 Brandenburg, Johnnie Michael  
 Brawner, Timothy L.  
 Brown, Donald Scott  
 Buckner, Angela Alsup  
 Burns, Ian Patrick  
 Caillouet, Melanie B.  
 Chien, Ming-yu  
 Christenson, Randy Paul  
 Christie, Ronald D.  
 Chu, Wan Tao Arvid  
 Clarke, David Gregory  
 Colantonio, James Joseph  
 Constant, Warren H.  
 Cornell, Marshall R.  
 Cowen, Jeffrey A.  
 Crooks, Enrique Alexander  
 Daidola, John C.  
 Daller, Cassandra Bowers  
 Darnell, Ben J.  
 Davis, James Scott  
 Davis, Lee Edward  
 Dawes, Robert Michael  
 De Clerck, Keith Allen  
 Delape, Phillip Bernard  
 Deslatte, James Kirk  
 Diaz, Roland J.  
 Dillow, David M.  
 Edmondson, Samuel Allen  
 Ellinger, Jeffrey Lynn  
 Ettlinger, Alan A.  
 Eymard, Angela G.  
 Farias, Rolando Matias  
 Fedak, Neal John  
 Fennell, Mark Thomas  
 Ferguson, Jeffrey Don  
 Ferstl, Nicole M.  
 Flannigan, Steven Shawnacey  
 Fortenberry, Ned  
 Fourier, Jonathan Edward  
 Francis, Terry S.  
 Freeland, William T.  
 Geise, Curtis L.  
 Gentner, Michael Charles  
 George, David M.  
 Giever, Paul Michael  
 Gill, Jay Michael  
 Gonzalez, Mark Randal  
 Gordon, John Olin  
 Grady, Timothy John  
 Gridley, Juliet Ann  
 Guidry, Jamie Lyn  
 Hallberg, Joseph Warren  
 Hans, Robert Anthony  
 Helms, Jerry L.  
 Herrick, John Locke

Hieb, Matthew D.  
 Hillard, Joe H.  
 Hoelter, William Frederick  
 Hosseinzadeh, Jamshid K.  
 Hudson, Joel Andrew  
 Huffine, Eric Martin  
 Hull, John Toller  
 Hull, Jr. Warren Richard  
 Johnson, Larry Arlen  
 Jones, Randall Wayne  
 Kain, Robert Frederick  
 Kennedy, Hubert Cordett  
 King, Brian W.  
 Knappe, Hans Joerg  
 Kooiman, Brent D.  
 Kornacki, David B.  
 Kramer, Norman Eugene  
 Kroon, David H.  
 Kurkjian, Christopher Walter  
 Lehman, Randall Lee  
 Leuschel, Jon Elliot  
 Lindsey, Brian Charles  
 Litoff, Gary Steven  
 Lloyd, James Edward  
 Lohman, Edward John  
 Lowe, John Scott  
 Lyver, Troy Douglas  
 Maginnis, Andrew Richard  
 Mahoney, Michelle Leigh  
 Martire, Christopher M.  
 McDaniel, Kimberly Dawn  
 McGehee, David Dwyer  
 McGuire, Patrick M.  
 McLaren, Michael Joseph  
 Miller, James Royce  
 Morales, Jason Santos  
 Murray, George Edward  
 Myers, Jr. Ronald D.  
 Nemeth, David Lee  
 Obszarski, John M.  
 Olson, Mark Wesley  
 Oshins, David Keith  
 Parry, Paul E.  
 Patel, Devesh N.  
 Patel, Dinesh Raojibhai  
 Pekar, Bradley S.  
 Perry, Jon Lowell  
 Peterson, Dale Gary  
 Pickett, William George  
 Pillaipakkam, Srinivasan  
 Rapier, Edward Charles  
 Ravulaparthi, Surya P.  
 Renshaw, David Lynn  
 Rhodes, Randall Wade  
 Riley, John Howard  
 Robertson, Correen Corena  
 Ronnekamp, Kurt A.  
 Saldarriaga, Gustavo A.  
 Schmalz, Larry E.  
 Schmidt, Matthew J.  
 Scoff, Robert John  
 Selman, Paul Jay  
 Smith, Jeremy Peter  
 Stephens, Douglas Nolan  
 Stieb, John Edward  
 Stremlau, Henry Thomas  
 Sube, Christopher Robert  
 Suderman, Jerry L.  
 Sutyak, Gregory Stephen  
 Tawfik, Tarek A.  
 Teasley, Lillard F.

Tibbitts, Jeffrey A.  
 Timmons, Brian J.  
 Travis, Jeffrey A.  
 Trongham, Narong  
 Vecchio, Michael Joseph  
 Vermass, Garry Wayne  
 Verulkar, Samir Sharad  
 Wadding, Roy A.  
 Walker, Michael Richard  
 Waller, James William  
 Walsh, John E.  
 Warner, Kevin Michael  
 Waterhouse, John W.  
 Watkins, Gordon Harvey  
 Weikel, Richard D.  
 Welcher, Richard Martial  
 Williams, Eugene C.  
 Williams, Ralph Nicholson  
 Willson, Vernon Robert  
 Wilson, Shawn Eric  
 Wittliff, David Scott  
 Wolff, Douglas W.  
 Younan, Magda Y.  
 Young, Roger Paul  
 Zargari, Ramin  
 Zeind, Anthony Francis

## Professional Land Surveyors

Aronstein, Jr. James M.  
 Coleman, Donald E.  
 Hughes, III James Herbert  
 Stagg, Frank Robert  
 Stribling, Ralph C.

## Engineer Interns

Aymond, Michael Wayne  
 Baxter, Colby Scott  
 Beard, Jason Michael  
 Bennett, Tia Jones  
 Berard, Brett James  
 Besse, Shaun Montgomery  
 Blackwell, Matthew Ryan  
 Blanchard, III Leroy J.  
 Booker, Mark Patrick  
 Bordelon, Danielle Shea  
 Brevelle, Michael Paul  
 Burchfield, Luin Paul  
 Burroughs, Aaron Robert  
 Butler, Jr. Boyce Hodge  
 Cado, Blake Anthony  
 Carlile, Alex Kenneth  
 Chauvin, Justin Edward  
 Chung, Ching Yu  
 Cook, Steven Michel  
 Cooper, III Alben Paul  
 Courtois, Coy Anthony  
 Courville, Justin Robert  
 Crawley, Brian O'Connell  
 Dehner, Jr. William Leo  
 Delcambre, Conrad Joseph  
 Digby, Darren Michael  
 Donahoe, Daniel Casey  
 Dugas, Kyle Fredric  
 Dupuis, Angelle Renee  
 Erwin, DeMarkius Maurice  
 Faciane, Lauren Frances  
 Fennell, Jason Paul  
 Fontenot, Justin Gabriel  
 Foster, Stephanie Denise  
 Francois, Aaron Michael

*continued on next page*



Gaudet, IV Sidney Anthony  
 Ghassemi, Rahim Paul  
 Grzych, Jason Michael  
 Gutierrez-Wing, Maria Teresa  
 Hannan, Abdul  
 Hargroder, James Michael  
 Harrelson, Anthony Michael  
 Hathcock, James Wallace  
 Hebert, Josh Evan  
 Hebron, Brandon Scott  
 Henson, Jessica Lynn  
 Herrera, Carolina M.  
 Hoang, Vu Minh  
 Hotstream, Jonathan Neal  
 Howard, Jr. Darrell  
 Jennings, Stephen Gregory  
 Kennerly, Clint James  
 Kidder, Nicholas Mark  
 Konecni, Scott Michael  
 LaRocca, Carolyn Michelle  
 Leimkuhler, John Christian  
 LeVelle, Jason Christopher  
 Liu, Huajie  
 Lossa, Cesar Andres  
 Louie, Arlin Poy  
 Luke, Shawn Thachara  
 Lutgring, III Edwin Bernard  
 Marinello, Neil Vance  
 Mayer, Philip E.  
 McGovern, Brandon Ross  
 McVay, III Larry Blakeney  
 Mead, Russell Mark  
 Moss, Sarah Elizabeth  
 Mothe, Ram Naren  
 Mouton, Rhett James  
 Nwabugwu, Chinyere Ifeoma  
 O'Flarity, Kevin Nicholas  
 Ogaard, Dustin Michael  
 Phillips, Mack Lynn  
 Pinsky, Stefan Louis

Pitre, Benjamin James  
 Polk, Jr. James Allen  
 Quintana, Adam L.  
 Raggio, Jr. Glen Olivier  
 Regan, Kerry Martha  
 Schexnayder, Vincent Joseph  
 Senior, Robert Nathan  
 Simanjuntak, Godwin Ucok Pardamean  
 Smythia, Daniel Lee  
 Sturdivant, Phillip Wayne  
 Tahvildari, Leila Elizabeth  
 Tozzatto, Guilherme Meinicke  
 Vaughn, Kevin Francis  
 Wang, Wenming  
 Wu, Wenjie  
 Wunsch, Philip Joseph  
 Yerubandi, Jayakrishna Keerthi  
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## Engineering Firms

Affiliated Engineers of Wisconsin, Inc.  
 Applied Inspection and Engineering, Inc.  
 Architecture +, A Professional Corporation  
 Argus Architecture Engineering, L.L.C.  
 Auth Consulting & Associates, Inc.  
 BayFour Design, LLC  
 BBG&S Engineering Consultants, Inc.  
 Bechtel Communications, Inc.  
 Ben C. Gerwick, Inc.  
 Biller Reinhart Structural Group, Inc.  
 Civil Services, Inc.  
 Cromwell Architects Engineers, Inc.  
 D. Kelley & Associates, Inc.  
 EPSE, L.L.C.  
 EYP Mission Critical Facilities, Inc.  
 Foley Engineering, L.L.C.  
 Gerard Engineering, L.L.C.  
 Gonzalez-Strength & Associates, Inc.  
 Henkel Engineering, Inc.  
 HNTB-ABMB Joint Venture, L.L.C.

Infrastructure Associates, Inc.  
 Jax Apex Technology, Inc.  
 Jaymark Engineering Corporation  
 Leger, Marquette & Associates, L.L.C.  
 Linde BOC Process Plants, L.L.C.  
 Link Engineering, L. L. C.  
 Louisiana Solutions, L.L.C.  
 Louisiana Structural Engineers, Inc.  
 MDM Design Group, L.L.C.  
 MW/Davis Dumas & Associates, Inc.  
 Nelco Architecture, Inc.  
 Oasis Construction Services, Inc.  
 Optimum Concept Consulting, L.L.C.  
 Paradigm Engineering, Ltd.  
 Premier Engineering & Surveying, Inc.  
 Process Plus, L.L.C.  
 Professional Investigative Engineers  
 Red River Engineering, L.L.C.  
 Rickborn & Associates, L.L.C.  
 Robert Barrilleaux & Associates, Inc.  
 Roy D. McQueen and Associates, Ltd.  
 Sea Level Engineering, L.L.C.  
 Smith & Monroe & Gray Engineers, Inc.  
 SOL Engineering Services, L.L.C.  
 Turner Design, Inc.  
 TVA Fire & Life Safety, Inc.

## Land Surveying Firms

Baton Rouge Land Surveying, A Division of  
 Forte & Tablada, Inc.  
 Dale Stockstill & Associates  
 EPSE, L.L.C.  
 Premier Engineering & Surveying, Inc.  
 Robert Barrilleaux & Associates, Inc.  
 Smith, Fontenot & Phillips, L.L.C.  
 Stantec Consulting Services, Inc.

## HONORED

**L**ouisiana Tech University College of Engineering and Science - Civil Engineering Department recently honored Ali M. Mustapha, P.E. as a 2007 Distinguished Alumni. Mr. Mustapha, a 1985 Civil Engineering graduate, was recognized for his accomplishments in the engineering field and his service, dedication, and contributions to the Engineering Profession. He is currently serving on the Louisiana Professional Engineering and Land Survey Board. Also he served as President of the Louisiana Engineering Society (LES) in 2003 - 2004.

Mr. Mustapha is currently serving as the Vice President of the Louisiana Section of the American Society of Civil Engineers (ASCE) and is a member of the Trenchless Technology Center Industry Advisory Board (TTC-IAB). He is employed by the

City of Shreveport's Engineering Division as the Assistant City Engineer responsible for drainage, water distribution, and sewer collection systems. Also he is the Floodplain administrator for the City.

**J**orge Ferrer, P.E., East Baton Parish Coordinator of Environmental and Landfill Affairs, received the 2007 John Dale Givens Award. This award is presented annually by the Louisiana Water Environment Association to a member for meritorious service and professional accomplishments in the water/wastewater environmental field. Jorge is an emeritus member of Louisiana Professional Engineering and Land Surveying Board and served as Chairman from 1998-1999.



# PRESIDENTIAL PRIVILEGE

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



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

As I wrote my last message for the year, I reflected over the years of how I started getting involved with our professional society. The first two people that encouraged me to be involved and make a difference in professional activities were Dr. Bobby Price, P.E. and Jerry G. Lazenby, P.E., P.L.S. Dr. Price always promoted professionalism and ethics while I was attending La Tech University. He not only taught it, he lived it. He was more than a professor, he was a friend and I will always cherish our friendship. When I started working with Lazenby and Associates, Inc. in 1993, Mr. Lazenby always made sure that each engineer was allowed the opportunity to participate in the Louisiana Engineering Society (LES). He promoted attending and participating in the local chapter of LES. When the Annual Meeting and Joint Conference rolled around, he made sure there were several engineers that made the trip and participated. Almost all of the engineers at Lazenby and Associates, Inc. have served as the Monroe Chapter President. The main way to ensure participation is for the company to pay for the employees to attend the events. This is extremely important with young engineers that are just starting out and have many other financial obligations. It also shows them that it must be important to participate if the company is willing to pay for it. I appreciate the opportunity Lazenby and Associates, Inc. gave me by allowing me to put in the time to serve in the capacities of the state offices.

After you have attended many years of conferences and seminars, there are two other people that you will see not only attending but participating

in almost every event hosted by LES. These people are John Plaisance, II, P.E., P.L.S. and Ali Mustapha, P.E. John is a Past President of the State Society and has served as our NSPE Representative for several years. This year he was very active in negotiating a new agreement with LAPELS, LSPS, and ACEC/L to continue producing the Louisiana Engineer and Surveyor Journal in the same format it is currently printed. The person that encouraged me to run for a state office with LES was Ali. Ali is a Past President of the State Society and has always done everything he was asked to promote and make our profession better. He has served for several years as the Chairman of the Membership Committee and Chairman of the Government Practice Division. I am glad he was persuasive enough to make me follow through with running for and being elected to serve in the State Society offices.

What I have learned over the past few years of serving is something I was told a long time ago. What you get out of your profession is directly proportional to what you are willing to put into it. This statement is true for many things in life (marriage, profession, religion, etc.). It is too easy to sit back and think someone else will take care of serving our profession. Our legislative efforts that are led by Ron Rodi, P.E. are reason enough to become a member of LES and be involved. Each session has bills that are filed that could be negative for our profession. LES also gets bills introduced and passed that better the engineering profession.

Chris Richard, P.E. is our immediate Past President and did not stop working when his term was

complete. He was instrumental in revamping the Louisiana Engineering Foundation. I have also leaned on him several times this year for advice. I have enjoyed working with Chris over the past four years. The society will be in good hands with Scotty Baudoin, P.E. serving as President. The entire slate of officers, local and state, has been active all year. The new board members will take office at the Annual Meeting in Florida this year. I would encourage each of you to consider attending this event and meet the people listed above that have served our profession unselfishly for many years.

I will leave the office with the same challenge I mentioned in a couple articles; to get involved and make a positive difference in our profession today. I would also like to thank Brenda Gajan and her staff for being professional, hard-working, and for making this a pleasant year. Last, but not least, I would like to thank my wife, Sabrina, and our two children, Mackenzie and Kendall, for allowing me to take time away from them to serve my profession. For those who don't know, our third child is due on June 25, 2007. I feel sure we will have the baby in the month of May and I look forward to seeing each of you in Florida.



# SOCIETY NEWS

**By: Brenda Gajan**  
LES Executive Director

## LES OFFICERS & BOARD

### President

Kevin E. Crosby, P.E., P.L.S.  
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### First Vice President

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### Second Vice President

Alan D. Krouse, P.E.  
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Michael Bares, P.E.  
(318) 484-4151  
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jplaisance@jwayneplaisance.com

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John L. Lowery, P.E.  
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### Young Engineer Representative

Gavin P. Gautreau, P.E.  
(225) 767-9110  
gavingautreau@dotd.la.gov

### Past President

Chris K. Richard, P.E.  
(337) 232-5182  
chrisk@dsaengineering.com

### EXECUTIVE DIRECTOR

Brenda W. Gajan  
(225) 924-2021  
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## Calendar of Events

### May, 2007

- 10 - 13 MATHCOUNTS National Competition - Fort Worth, TX
- 11 Chapter Officers & Committee appointments due to State Office
- 23 Early Registration deadline for LES Annual Meeting

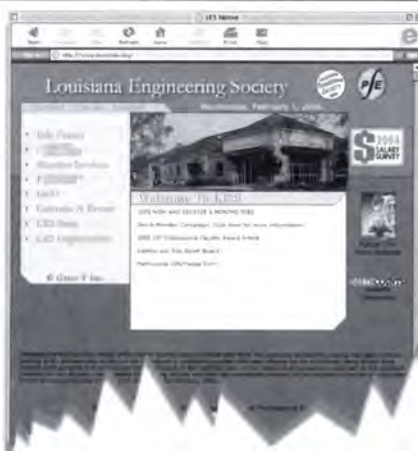
### June, 2007

- 24 - 27 Statewide Annual Meeting and Tri-State Conference - Sandestin Resort, Florida

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

## Visit Us On The Web

- Order LES products; desk caddies, lapel pins, license plate, Centennial book.
- Membership forms and benefits.
- And much more!







# LOUISIANA ENGINEERING FOUNDATION

By Chris Richard, P.E.

The Louisiana Engineering Foundation was founded in 1978 by a group of Louisiana professional engineers, members of the Louisiana Engineering Society and other professional engineering groups.

The Louisiana Engineering Foundation, LEF, was created to undertake charitable, educational and scientific objectives with the purpose of supporting and strengthening the profession of engineering in Louisiana. The Foundations goals are:

- Provide guidance to high school students interested in engineering careers;
- Grant scholarships and fellowships to engineering students;
- Recognize engineering college professors who exhibit exemplary professionalism inside and outside of the classroom;
- Provide opportunities for practicing engineers to continue their professional development;
- Disseminate information on engineering to the general public; and
- Establish and maintain a Louisiana Engineering Center.

One of the first goals of LEF was realized with the dedication of the Louisiana Engineering Center in 1999. The Louisiana Engineering Center is now home to the Louisiana Professional Engineering and Land Surveying Board, the Louisiana Engineering Society, the American Council of Engineering Companies of Louisiana, the Louisiana Society of Land Surveyors and, of course, the Louisiana Engineering Foundation.

In an effort to improve the Foundation's ability to meet its goals, the LEF Board of Direction voted overwhelmingly to

change the organizational structure of the Board. The board was reduced in size from 20 members to 14. The new Board consists of the following offices:

- Past President
- President – Elected by the LEF Board.
- Vice-President – Elected by the LEF Board.
- Secretary/Treasurer – LES Elected Secretary/Treasurer will also serve the same office in LEF.
- 2 At Large Directors – Elected by the LEF Board.
- 8 Area Directors – Each LES Chapter President or their designee shall serve as an area director.

Area Directors and the Secretary/Treasurer will serve one-year terms, concurrent with their LES term. All other officers will serve two-year terms.

The reorganization has already seen benefits. Since the reorganization, LEF has seen a dramatic increase in participation by the Board members. The LEF Board has met three times since June with over 70% attendance at all meetings. The Board has been addressing issues with scholarships, building maintenance, and fund raising for both scholarships and building debt retirement. Another result of the reorganization was the decision by the Louisiana Engineering Society to transfer all of their scholarship, MATHCOUNTS, and Future Cities funds to be under the tax-exempt umbrella of LEF.

LEF will endeavor to be more active in the future to be a viable organization working for the betterment of engineering in Louisiana. In the near future, we will have a page on the LES web site to keep everyone informed of the Foundation's work. If anyone is interested in helping or making a donation to the Building or Scholarship funds, please contact your LEF Chapter Representative, LES Chapter Board member or any Foundation Board member.

## NEW MEMBERS

### Alexandria

Koby Coulon, PE  
Paul Miller, PE  
James Monroe, EI  
James Simms, PE  
William Spivey, PE

### Baton Rouge

Billie Burleigh, PE  
Edward Caputo, PE  
Elif Chiasson, PE  
Niccola Gill, PE  
Peter Gregory, EI  
S. J. Guercio, EI  
Joshua Hardy, PE  
James Lloyd, PE

Michael Nassif, PE  
Menat Salem, EI  
Bhaba Sarker, PE  
David St.Marie, PE  
Westaff, Corp. Sust.  
Jared Wittry, EI

### Lafayette

Ned Doucet, PE  
Danny Frazier, PE  
Glen Landry, PE  
Zeraka Pippin, EI

### New Orleans

Kevin Fry, PE  
Melanie Giardina, EI

Shane Jarrell, PE  
Steven Joubert, PE  
Norma Jean Mattei, PE  
Eric Schlosser, EI  
Urban Systems, Inc.

### Non-Resident

Wesley Byrd, PE

### Shreveport

David Bosley, PE  
Mehmet Boz, EI  
Christopher Reneau, EI



# 2007 FUTURE CITY COMPETITION

Michael Marchand, P.E., Future City Louisiana Regional Coordinator

The Louisiana Regional Future City Competition, held in Alexandria on January 26, 2007, was the culmination of months of hard work for quite a few seventh and eighth grade students, teachers and engineer mentors. Future City is a competition for middle school students to use their creative and innovative imaginations to design a city of the future. The students work with their guiding teacher and a volunteer engineer from the community to design and build the city. The students apply math, science, engineering and technology, and enhance their writing and presentation skills, through this project.

The event tasked each team to prepare a 500 to 700 word essay on the topic, **"Develop an energy strategy to include fuel cell systems to power a city of the future."**; a 300 to 500 word abstract describing the city, set in the year 2150 or later with a population of at least 50,000; a computer model, using the *SimCity 3000*™ videogame donated to all participating schools by Electronic Arts, Inc. of Redwood City, California; and a three-dimensional scale model of a section of their city.

The teams, in alphabetical order, were from Boyet Junior High School in Slidell, Brame Middle School in Alexandria, Community School for Apprenticeship Learning in Baton Rouge, Immaculate Conception Cathedral School of Lake Charles, Paul Breaux Middle School from Lafayette, St. Thomas More School from Baton Rouge and Webster Junior High School from Minden.

While the teachers and engineers spent many hours guiding the students prior to the competition day, three students representing the team had the responsibility of presenting their design to a panel of judges to compete for locally sponsored awards and prizes as well as the Regional Title. The winner of the Regional Competition also received a trip to Washington, DC to compete in the National Competition.

This year St. Thomas More School took First place at the Regional Competition with their city of the future, "Mwindi". The student team representatives were Jake Bowers, 12, Emily Ponti, 14, and Krisha Sherburne, 12; their teacher Shirley Newman, and volunteer mentor, chemical engineer Guy Macarios completed the team.

Just a few short weeks later from February 19-21, St. Thomas More School participated in the Future City National Finals, at the Hyatt Regency Capitol Hill in Washington, D.C. and competed against teams from 35 middle schools nationwide, all winners of their respective regional competitions that were conducted in January. The team from Baton Rouge had an outstanding performance and took First Place at the 15th Anniversary of the National Future City Competition. The team also won a Special Award for Best Manufacturing Zone, sponsored by the Society of Manufacturing Engineers Education Foundation.

The Future City National Finals was hosted by Bentley Systems, Incorporated, a leading engineering software company, and chair of the competition's Leadership Council. Bentley also provided the first prize for the St. Thomas More School team, a trip to US Space Camp in Huntsville, Alabama.

Shell Oil Company is a major contributor to the Future City National Finals and provides primary funding to nine regional competitions including the Louisiana Region.





# BALLOT TO ELECT LES MEMBERS

**A**ct 721 passed in the 1975 Legislature amended Chapter 10 to Title 38 of the Louisiana Revised Statutes of 1950 by adding thereto a new Part VII, Selection of Professional Services for Public Contract. Three Boards – Architect, Engineer and Landscape Architect Selection – are authorized under this Act. Each board selects persons or firms to perform certain professional services for public contract.

The Act refers to the Louisiana Engineering Society, specifying the following: The Louisiana Engineers Selection Board shall be composed of six members. Two members shall be named in an election conducted by the Louisiana Engineering Society at which all properly licensed engineers residing in the State of Louisiana may vote for positions to be filled. LES has two positions to fill this year, one term ending June 30, 2008, and one ending December 31, 2008.

The LES Nominating Committee nominates Willie T. Taylor, P.E. for the July 1st position and Robert C. Canfield, P.E. for the January 1st position.

Each Louisiana Registered Professional Engineer working and living in the State is eligible and urged to vote.

Space on the ballot is provided for write-in candidates. A write-in candidate must be a LA registered Professional Engineer and must have agreed to serve if elected. No employee or stockholder shall be eligible to receive agency contracts during the term of his service, and for a period of six months thereafter.

## LES ENGINEERS SELECTION BOARD BALLOT

1. Mark and return to LES, 9643 Brookline Ave., Ste. 116, Baton Rouge, LA 70809, by **June 21, 2007**. Late ballots will not be accepted.

2. Make sure your name and address are on the envelope that forwards the ballot to LES. Ballot signature is not required.

Vote for One Candidate in Each Position

POSITION ONE (Term July 1, 2007 – June 30, 2008)

☐ Willie T. Taylor, P.E.

☐ \_\_\_\_\_  
For Write-in Candidate

POSITION TWO (Term January 1, 2008 – December 31, 2008)

☐ Robert C. Canfield, P.E.

☐ \_\_\_\_\_  
For Write-in Candidate

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Al Horn  
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1-800-641-3690

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OFFICE: 29072 Krentel Road, Lacombe, Louisiana 70445





# ASPE, LES & MES INVITE YOU TO BE A PART OF THE FUN, THE EDUCATION, AND THE SHOW IN SANDESTIN . . .

## Professional Development

Make plans now for you and your family to join us at the beautiful Sandestin Resort in Destin, Florida. Engineers from Louisiana, Alabama, and Mississippi will be descending on Destin for fun and education. Before you go to the beach or the golf course, spend your morning fulfilling your continuing education requirements by attending one of our three concurrent seminar opportunities. Each track will offer twelve hours of professional development hours for civil, electrical and mechanical engineers. See your state society's web site for up to date class descriptions. Spend your afternoon at the Links or with your family at the beach, the water park, fishing, or any of the other family activities available.

## Guest Program

Consider joining us at the "Paint'n Place" pottery studio at Baytowne Wharf. The studio is a place for all ages. From babies getting their footprints in a cherished treasure to creating your own dinnerware or unique piece of jewelry. You do not have to be an artist to participate, they have helpful staff to assist you. They also carry art work from local artists. Get ready to give yourself a relaxing, stimulating, and fun experience.

## Installation Banquet

The newly elected State Society Board members for 2007/08 will be installed at the banquet on Tuesday afternoon by an NSPE delegate. Buy your tickets in advance as this event is one you would not want to miss.

## Sponsors

Consider supporting the Tri-State Annual Meeting by becoming a Gold, Silver or Bronze sponsor at the levels listed below, and in return for your support, you will receive two complimentary tickets and recognition at the Officers' Installation Banquet. Also, your company name will be prominently displayed as a sponsor throughout the conference. See your state society's web site for sponsorship information.

### SPONSORSHIP TYPE

Gold Sponsor @ \$500  
Silver Sponsor @ \$250  
Bronze Sponsor @ \$150

On behalf of Alabama, Louisiana, and Mississippi Engineering Societies, thank you for considering a sponsorship and for your support of the engineering community and profession.

## Exhibitors

Consider your organization displaying at the Tri-State Annual Meeting attended by hundreds of professional engineers to include Chemical, Civil, Mechanical, Electrical, Environmental and Safety branches, among others; and which represent private practice, industry, government, education, and construction divisions.

Exhibitor set-up hours are from 8:00 A.M. - 12:00 P.M. on Sunday, June 24th. The exhibit hours are:

|                  |                        |
|------------------|------------------------|
| Sunday, June 24  | 1:00 P.M. to 7:00 P.M. |
| Monday, June 25  | 7:00 A.M. to Noon      |
| Tuesday, June 26 | 7:00 A.M. to Noon      |

See the enclosed booth registration form for details. Each exhibitor is allowed two representatives who are permitted to attend the technical sessions, opening reception, continental breakfasts, and the Monday boxed lunch; however, we ask that you complete a registration form for headcount purposes.

Here is your opportunity to meet with, talk with, and/or introduce your product, service or company to engineers from the Central Gulf Coast States. Please join us for an enjoyable time at the Sandestin Resort in Florida.

Visit [www.les-state.org](http://www.les-state.org) for complete registration details.





# Registration Form

Name: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 City/State/Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 E-mail: \_\_\_\_\_  
 Badge Name: \_\_\_\_\_  
 Spouse/Guest, if attending: \_\_\_\_\_  
 Check the state society you are a member of: \_\_\_\_\_ AL \_\_\_\_\_ LA \_\_\_\_\_ MS

Spouses are invited to attend the conference with no registration fee, but are required to register and pay for ticketed events. Students must show I.D. at registration. Please check every event that you plan to attend.

## On-time registration deadline is May 23, 2007

Please check every event that you plan to attend.

| Event                                                                                                                                                                                                                                                                                                             | How many attending | Amt.  | Late Fee After 5/23 | Total |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------|---------------------|-------|
| ASPE, LES, & MES Member Registration                                                                                                                                                                                                                                                                              | _____              | \$200 | +\$75               | _____ |
| Spouse Registration: Spouses do not have to pay a registration fee, however, they must pay for ticketed events listed below.                                                                                                                                                                                      | _____              | N/C   | N/C                 | _____ |
| Non-Member Registration:<br>Fees include one year membership in ASPE, LES, or MES                                                                                                                                                                                                                                 | _____              | \$350 | +\$75               | _____ |
| Student Member Registration: Must show I.D. at check-in                                                                                                                                                                                                                                                           | _____              | \$35  | +\$25               | _____ |
| Sunday Opening Reception: 5:00 -7:00 pm                                                                                                                                                                                                                                                                           | _____              | \$5   | +\$10               | _____ |
| Monday Continental Breakfast                                                                                                                                                                                                                                                                                      | _____              | \$5   | +\$10               | _____ |
| Monday Box Lunch                                                                                                                                                                                                                                                                                                  | _____              | \$5   | +\$10               | _____ |
| Monday Guest Program<br>Paint Your Own Pottery Studio                                                                                                                                                                                                                                                             | _____              | \$65  | +\$10               | _____ |
| Monday Golf Tournament:<br>Handicap: _____ Length of drive: _____<br>Golf Tournament Information: 4-man scramble, fee includes green fees and cart fees.<br>Feel free to bring promotional items to be given away as gifts.<br>For golf questions please contact John Plaisance at jplaisance@jwayneplaisance.com | _____              | \$135 | +\$20               | _____ |
| Tuesday Continental Breakfast                                                                                                                                                                                                                                                                                     | _____              | \$5   | +\$10               | _____ |
| Tuesday General Membership Luncheon                                                                                                                                                                                                                                                                               | _____              | \$5   | +\$10               | _____ |
| Tuesday Installation Banquet:<br>Sautéed Lemon Pepper Chicken w/Artichokes _____ or<br>Sautéed Grouper w/Grilled Pineapple Relish _____                                                                                                                                                                           | _____              | \$50  | +\$10               | _____ |
| Wednesday Continental Breakfast                                                                                                                                                                                                                                                                                   | _____              | \$5   | +\$10               | _____ |

Total Payment Enclosed \$ \_\_\_\_\_

*Make Checks payable to "Louisiana Engineering Society."  
 LES is the coordinating society for the 2007 meeting. Fax credit card information to 225-924-2049. For further information contact: LES 225-924-2021 or visit our website at [www.les-state.org](http://www.les-state.org).*

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Registration fees must accompany this form. No refunds after May 23, 2007.

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# TRI-STATE ENGINEERING SOCIETY MEETING

Sandestin Resort, Destin, FL, June 24-27, 2007

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## THE ENGINEERING SOCIETIES OF ALABAMA, LOUISIANA & MISSISSIPPI

| MAGNOLIA<br>ABC                 | Other<br>Activities                                                 | CAMELLIA I                                                                                                                                                                                                        | CAMELLIA II                                                                                                                                                          | JASMINE                                                                                                                                  |
|---------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SUNDAY, June 24, 2007</b>    |                                                                     |                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                                                                          |
| 8:00 AM                         |                                                                     | LES Board Meeting<br>Saturday, June 23, 2007<br>6:00 PM                                                                                                                                                           |                                                                                                                                                                      | 8:00 AM                                                                                                                                  |
| 9:00 - 11:30 AM                 |                                                                     | LES Board Meeting<br>Immediately Following LES<br>Meeting                                                                                                                                                         | MES Board Meeting                                                                                                                                                    | 9:00 - 11:30 AM                                                                                                                          |
| 12:30 - 1:00 PM                 | SET-UP                                                              |                                                                                                                                                                                                                   |                                                                                                                                                                      | 12:30 - 1:00 PM                                                                                                                          |
| 1:00 - 2:00 PM                  | Welcome                                                             | Building Strength & Economy<br>into Pavements - Use of Cement<br>Stabilization and Roller<br>Compacted Concrete<br>Al Crawley - American Concrete<br>Pavement Assoc.                                              | Using Natural Media Filters in a<br>Distributed Wastewater System<br>Kevin Sherman - Quantics, Inc.                                                                  | Ethics<br>Glenn Kent                                                                                                                     |
| 2:00 - 2:30 PM                  |                                                                     | State-of-the-Art in Post-Installed<br>Concrete and Masonry Anchors.<br>John Farmer - Hilti                                                                                                                        | Break in Exhibition Hall                                                                                                                                             | 2:00 - 2:30 PM                                                                                                                           |
| 2:30 - 3:30 PM                  | EXHIBITS                                                            | Understanding and Comparing<br>Odor Control Technologies<br>Martin Crawford - Bay Products,<br>Inc.                                                                                                               | Understanding and Managing Arc<br>Flash Hazards<br>Lawrence Saunders-Eaton<br>Corporation                                                                            | 2:30 - 3:30 PM                                                                                                                           |
| 3:30 - 4:00 PM                  |                                                                     | Post Installed Anchors in Cracked<br>Concrete & Concrete Capacity<br>Design (CCD)<br>John Farmer - Hilti                                                                                                          | Break in Exhibition Hall                                                                                                                                             | 3:30 - 4:00 PM                                                                                                                           |
| 4:00 - 5:00 PM                  | Registration Information                                            |                                                                                                                                                                                                                   | Coatings for Water and<br>Wastewater Applications<br>Brandon Lomasney, E.E. -<br>Technical Coating Services, Inc.                                                    | Mississippi DOT Implementation<br>Plan for the Mechanistic-<br>Empirical Pavement Design Guide<br>William Barstis, PE - MDOT<br>Research |
| 6:00 - 8:00 PM                  | Opening Reception<br>Cartoon Artist Cash<br>Bar & Hors<br>d'oeuvres |                                                                                                                                                                                                                   |                                                                                                                                                                      | 6:00 - 8:00 PM                                                                                                                           |
| <b>MONDAY, June 25, 2007</b>    |                                                                     |                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                                                                          |
| 7:00 AM                         |                                                                     | Professional Liability<br>Wyatt Sanders                                                                                                                                                                           | Nutrient Removal - Basic Theory<br>and Application<br>Christopher Staskiewicz, PE - ITT<br>Advanced Water Treatment                                                  | 7:00 AM                                                                                                                                  |
| 7:30 - 8:30 AM                  | Continental<br>Breakfast                                            |                                                                                                                                                                                                                   | Modern Concrete Pavement<br>Design<br>Al Crawley - American Concrete<br>Pavement Assoc.                                                                              | 7:30 - 8:30 AM                                                                                                                           |
| 8:30 - 9:00 AM                  |                                                                     | Waterproofing of Concrete<br>Brandon Lomasney, E.E. -<br>Technical Coating Services, Inc.                                                                                                                         | Break in Exhibition Hall                                                                                                                                             | 8:30 - 9:00 AM                                                                                                                           |
| 9:00 - 10:00 AM                 | EXHIBITS<br>OPEN                                                    |                                                                                                                                                                                                                   | SCADA System Fundamentals<br>Fred Weaver-Revere Control<br>Systems                                                                                                   | Ethics<br>Glenn Kent                                                                                                                     |
| 10:00 - 10:30 AM                |                                                                     |                                                                                                                                                                                                                   | Break in Exhibition Hall                                                                                                                                             | 10:00 - 10:30 AM                                                                                                                         |
| 10:30 - 11:30 AM                |                                                                     | Novel Uses for the Combustion<br>Spud gun in Reforestation<br>George Hamilton - NASA                                                                                                                              | Modern Roundabouts - Safer, More<br>Efficient & Convenient - and Other<br>Innovative Intersection Designs<br>Tony Trammel, PE - Lafayette<br>Consolidated Government | Finally Arc-Flash Safety for Low<br>Voltage MCCs - You Can't<br>Afford Not to Have It.<br>Lawrence Saunders-Eaton<br>Corporation         |
| 11:30 - 1:00 PM                 | Box Lunch                                                           |                                                                                                                                                                                                                   |                                                                                                                                                                      | 11:30 - 1:00 PM                                                                                                                          |
| 1:00 PM                         |                                                                     |                                                                                                                                                                                                                   |                                                                                                                                                                      | 1:00 PM                                                                                                                                  |
| 7:00 - 9:00 PM                  |                                                                     | Golf<br>Tournament<br>The Links                                                                                                                                                                                   |                                                                                                                                                                      | 7:00 - 9:00 PM                                                                                                                           |
| <b>TUESDAY, June 26, 2007</b>   |                                                                     |                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                                                                          |
| 7:00 AM                         |                                                                     | Asphalt Pavement Design<br>Gary Fitts, PE - Asphalt Institute                                                                                                                                                     | Design and Installation of Erosion<br>and Sediment Materials<br>Pete Romoeki - American<br>Excelsior Company                                                         | 7:00 AM                                                                                                                                  |
| 7:30 - 8:30 AM                  | Continental<br>Breakfast                                            |                                                                                                                                                                                                                   | Telemetry System Basics<br>Don Dean-Revere Control<br>Systems                                                                                                        | 7:30 - 8:30 AM                                                                                                                           |
| 8:30 - 9:00 AM                  |                                                                     | Trench & Excavation<br>Construction Safety - Part 1<br>Bruce Magee - United Rentals                                                                                                                               | Break in Exhibit Hall                                                                                                                                                | 8:30 - 9:00 AM                                                                                                                           |
| 9:00 - 10:00 AM                 | Exhibits                                                            | Collection System Flow<br>Monitoring<br>David Koberlein-GSWW                                                                                                                                                      | Leadership Training<br>Hannah Besanceney - NSPE                                                                                                                      | 9:00 - 10:00 AM                                                                                                                          |
| 10:00 - 10:30 AM                |                                                                     | Trench & Excavation<br>Construction Safety - Part 2<br>Bruce Magee - United Rentals                                                                                                                               | Break in Exhibit Hall                                                                                                                                                | 10:00 - 10:30 AM                                                                                                                         |
| 10:30 - 11:30 AM                |                                                                     | Lift Station Monitoring Networks<br>Leigh Cenda-GSWW                                                                                                                                                              | A Better & Safer US HWY 90<br>Along the Mississippi Gulf Coast<br>Mike Stokes - MDOT                                                                                 | 10:30 - 11:30 AM                                                                                                                         |
| 12:00 - 1:30 PM                 | Exhibits<br>Close 12pm                                              | AZALEA I<br>MES Lunch                                                                                                                                                                                             | AZALEA II & III<br>LA Lunch                                                                                                                                          | 12:00 - 1:30 PM                                                                                                                          |
| 1:30 - 2:30 PM                  |                                                                     | MAGNOLIA D<br>ASPE Lunch                                                                                                                                                                                          |                                                                                                                                                                      |                                                                                                                                          |
| 6:00 - 6:30 PM                  |                                                                     | AZALEA I & II<br>Cash Bar                                                                                                                                                                                         |                                                                                                                                                                      |                                                                                                                                          |
| 6:30 - 9:00 PM                  |                                                                     | Install Banquet                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                                                                          |
| <b>WEDNESDAY, June 27, 2007</b> |                                                                     |                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                                                                          |
| 7:00 AM                         |                                                                     | Pump Fundamentals<br>Keith Walsh, PE - J.H. Wright &<br>Associates                                                                                                                                                | Fluid Transient Modeling<br>Frank Smith III-Pipe Tech Inc.                                                                                                           | 7:00 AM                                                                                                                                  |
| 7:30 - 8:30 AM                  | Continental<br>Breakfast                                            |                                                                                                                                                                                                                   | Heavy Duty HMA Pavements<br>Randy Ahlrich - Burns Cooley<br>Dennis, Inc.                                                                                             | 7:30 - 8:30 AM                                                                                                                           |
| 8:30 - 8:45 AM                  |                                                                     | Interstate 85 Location Study<br>Using GIS<br>Paul Griggs - Volkert Engineering                                                                                                                                    | Break in Exhibit Hall                                                                                                                                                | 8:30 - 8:45 AM                                                                                                                           |
| 8:45 - 9:45 AM                  | FOYER                                                               | Surge Vessels, Bladder Tanks &<br>Control Valves<br>Frank Smith III-Pipe Tech Inc.                                                                                                                                | The Electrical System's<br>Catastrophic Protection Plan -<br>Part 1<br>Kenneth Clark, PE - Danaher<br>Power Solutions                                                | 8:45 - 9:45 AM                                                                                                                           |
| 9:45 - 10:00 AM                 |                                                                     | Get What You Need from Your<br>Geotechnical Engineer: The Role of the<br>Geotechnical Engineer in Today's Civil<br>Design and Construction Environment<br>Victor Donald, PE-Aquatera<br>David Coleman PE-Aquatera | Break in Exhibit Hall                                                                                                                                                | 9:45 - 10:00 AM                                                                                                                          |
| 10:00 - 11:00 AM                |                                                                     | US 90 Biloxi Bay and St. Louis<br>Bay Bridge Construction Update<br>Steve Twedt - MDOT<br>Kent Dussom - URS                                                                                                       | The Electrical System's<br>Catastrophic Protection Plan -<br>Part 2<br>Kenneth Clark, PE - Danaher<br>Power Solutions                                                | 10:00 - 11:00 AM                                                                                                                         |



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<sup>1</sup>U.S. Abromovitz, *Protecting and Rebuilding Your Retirement*, AMACOM, 2003.

<sup>2</sup>Phyllis Shelton, *Long Term Care: Your Financial Planning Guide*, Kensington Publishing Corp., 2003.

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# NEW ORLEANS SUPERDOME RECONSTRUCTION

By: Craig Dooley, P.E., New Orleans Chapter President

One of the keys of the success of the New Orleans Saints for the 2006 season has been the rebuilding of the Louisiana Superdome for the Saints first home game on September 25, 2006. This success could not be been done without the "can do" spirit of Broadmoor Construction LLC and their subcontractors.

Prior to Broadmoor initiating its reconstruction efforts, the Superdome was completely sanitized by another contractor. Broadmoor was awarded the contract on February 24, 2006 and the rebuilding efforts began on March 1, 2006. Broadmoor had 208 days to get everything ready to meet National Football League standards prior to the Saints' first home game. The total value of the work in place on September 25, 2006 was \$124 Million (approximately \$596,000/day over 208 days). If Broadmoor did not meet the schedule, Broadmoor would have been charged \$1 Million/day until everything was complete to meet the NFL standards.

The contract consisted of two phases. Phase I consisted of the following:

- Installing a new roof
  - Replacing and refurbishing 70,000 seats
  - Replacing damaged fire proofing
  - Replacing glass doors and storefront
  - Replacing escalator systems
  - Replacing interior construction and finishes
  - Repairing and replacing plumbing, HVAC, fire protection systems, electrical systems, lightening protection, sound systems, concessions equipment
  - Repairing and replacing equipment in the parking garage
- Phase II consisted of improving the club-level lounges.

The key the whole success of the project was careful planning and daily schedule updates to keep the 35 subcontractors on track. Broadmoor used Primavera P3

scheduling program to coordinate all the work that was being done. Broadmoor had previous experience with fast track reconstruction by rebuilding Bldg. 3460 on the Pensacola Navy Base after Hurricane Ivan hit Pensacola in 2004. Broadmoor also subcontracted with 35 contractors; thirty of the subcontractors were locally owned. Hurricane Katrina affected all of the subcontractors.

Once the floor organization was completed, the roof repairs began. All hoisting was done from the center of the Superdome. Brazo Urethane did the roof reconstruction. The following are some the key points of the roof reconstruction:

- 440,000 square feet (9.7 acres) of roof fully replaced
- 10,463 pieces of 16-gage steel deck mechanically fastened with 1/4" screws
- 2.5 inches/500,000 lbs of polyurethane foam
- 20,000 gal (5 coats) of urethane (outer coating 46 mils thick)
- 150 man crew working 7 days/week
- Completed 30 days ahead of schedule

Other key facts on the Louisiana Superdome reconstruction:

- 750,000 square feet of sheetrock
- 800,000 square feet of ceiling tile
- 60,000 square feet of Sportex Artificial Turf
- 500,000 gallons of epoxy flooring

Amazingly, during all the high pace reconstruction efforts, only one accident happened.

The rebuilding of the Louisiana Superdome is proof that given economic incentive and administrative know how, the seemingly impossible can be made possible. We, as professional engineers, need to take the same "can-do" spirit and apply it to our own efforts on the projects in helping to rebuild the levee system in New Orleans area and the Louisiana coastline.

## LES PARTICIPATES IN LAKE CHARLES INDUSTRIAL SHOW

The Louisiana Engineering Society was an active participant in the Lake Charles Civic Center LOBOS show on March 29, 2007.

Brenda Gajan and Don Dugas manned a booth for the two-day event as attendees inquired about membership and showed interest in June's Tri-State meeting in Florida.

LES also offered 1 CPD hour credit for ethics, provided by Ted Thompson, and 8 CPD hours credit for life safety code, provided by David Miller.

The joint event proved successful for LES and the society's engineers. Many thanks to the above named volunteers and all who assisted in the event.



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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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# THE SPEC SHEET

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Executive Director



Warren J. Wilder

Executive Director

## ACEC/L ANNOUNCES ANNUAL MEETING DETAILS

**T**he American Council of Engineering Companies of Louisiana (ACEC/L) announces its 2007 ACEC/L Annual Meeting. From all indications, it appears that this one will be a great "get-together." Here are the details:

**DATE** – Thursday, May 31<sup>st</sup> – Sunday, June 3<sup>rd</sup>

**PLACE** – The Bluffs Country Club & Resort, St. Francisville, LA

**LODGING** – ACEC/L has reserved a block of 25 single suites and 2 double suites until May 1, 2007 at the Bluffs Lodge. Rates - \$139 + tax/night – single bedroom suite & \$400 + tax/night – double bedroom suite. Make your reservations early. Call The Bluffs directly at (225) 634-5222 or call toll-free at 888-634-3410. *The Old Centenary Inn is holding 8 rooms until May 1<sup>st</sup> to handle any overflow. Contact Jim McNeer at (225) 634-5050 for reservations.*

**DRESS** – All events to be business casual or resort style. Golfers must wear collared shirts, golf slacks or Bermuda-style shorts.

**THE SITE** – The Bluffs, nestled on the banks of Thompson Creek and adjacent to the Audubon State Commemorative Area, is located about 26 miles north of Baton Rouge on US Highway 61, then 6 miles east along LA Highway 965. The beautiful natural setting and unique rolling terrain make the Felicianas a favorite for all sorts of outdoor activities. The historic towns of St. Francisville and Jackson boast many antebellum homes, historical churches and unique antique and gift shops; and the magnificent historic homes of Natchez, MS are only an hour's drive away. The Felician Cellars Winery and Vineyards are just minutes away in Jackson. Come prepared to enjoy the serenity of nature's surroundings with its trails, wildlife, lakes, creeks and ponds. Kick back and relax in South Louisiana's version of Paradise!

**THE SEMINAR** – Friday, June 1<sup>st</sup>, 8:00 A.M. – 5:00 P.M. (lunch included) – "Building Finance for Building Value in Your Business," presented by Colvin T. Matheson, CFA. The program is intended to develop and reinforce the understanding of business finance as it relates to the design consulting firm. PDHs available – 8.0. Colvin T. Matheson is the Managing

Director of Matheson Financial Advisors, Inc., Falls Church, VA.

He is a Chartered Financial Analyst

(CFA) focused on securities valuation. He earned his MBA from George Washington University and a BA degree from Tulane University. **Phil Pittman, FARO Technologies, Inc., Lake Mary, FL, is sponsoring the seminar luncheon. Phil will be providing a technical session on "3-D Laser Scanner Survey Technology" during our lunch break.** The seminar has been priced separately to accommodate those who cannot attend the entire Annual Meeting but need the PDHs.

**GUEST TOUR** – Friday, June 1<sup>st</sup>, 8:00 A.M. – 5:00 P.M. A bus will pick up guests at the Bluffs for a day of visiting historic churches and cemeteries, touring old plantation homes, and shopping at local boutiques. A picnic lunch will be provided at the Rosedown Plantation. \$65/person

**GOLF TOURNAMENT** – Saturday, June 2<sup>nd</sup>, The two-person scramble will have a shotgun start and tee off at 8:00 a.m. Prizes (?) will be awarded for various categories. \$80/person green fee, range balls, and cart rental.

**OTHER HIGHLIGHTS** – There will be an Opening Reception on Thursday evening. The President's Banquet, an outdoor Louisiana Luau, will begin at 6:30 P.M., Saturday evening. The Annual Meeting concludes on Sunday morning with the ACEC/L Board of Governors meeting, which begins at 8:30 A.M. All members are cordially invited to attend.

**REGISTRATION ON NEXT PAGE** ➡

**Deadline To Register – Friday, May 25, 2007**

### CANCELLATION POLICY

|                                       |             |
|---------------------------------------|-------------|
| Up to 21 days before event.....       | Full Refund |
| 21 days to 14 days before event ..... | 66% Refund  |
| 13 days to 7 days before event .....  | 33% Refund  |
| 6 days or less to event .....         | No Refund   |

IF YOU HAVE TO CANCEL, PLEASE NOTIFY THE ACEC/L OFFICE ASAP @ (225) 927-7704. YOU ARE RESPONSIBLE FOR CANCELING YOUR OWN ROOM RESERVATION



# ANNUAL MEETING REGISTRATION

Name \_\_\_\_\_ Spouse/Guest Name \_\_\_\_\_

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Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail Address \_\_\_\_\_

## ANNUAL MEETING FEES

ACEC/L MEMBER ..... \$275.00 \_\_\_\_\_  
 NON-ACEC/L MEMBER ..... \$350.00 \_\_\_\_\_  
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 KIDS OVER 12 ..... \$ 85.00 \_\_\_\_\_

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 (includes cart rental, range balls)

GUEST TOUR ..... \$65.00/PERSON \_\_\_\_\_  
 (includes Lunch)

**DEADLINE TO REGISTER:**  
**FRIDAY, MAY 25, 2007**

AMOUNT ENCLOSED ..... \$ \_\_\_\_\_

## LOUISIANA ENGINEERS SELECTION BOARD BALLOT . . . YOUR VOTE IS REQUESTED!

Pursuant to provisions in Act 721 of the 1975 Louisiana Legislature, the American Council of Engineering Companies of Louisiana is conducting an election to place professional engineers on the Louisiana Engineers Selection Board, the board empowered to award state agency design services contracts. One person elected will serve on the board for a term beginning July 1, 2007 and ending June 30, 2008. The other will serve a term which begins on January 1, 2008 and ends December 31, 2008. Below is the ballot for all professional engineers in private practice to cast their vote.

### OFFICIAL BALLOT FOR LOUISIANA ENGINEERS SELECTION BOARD MEMBER

**TERM I** – beginning July 1, 2007 and ending June 30, 2008

\_\_\_\_\_ Lloyd G. Hoover, P.E., Tetra Tech, Inc., Shreveport

\_\_\_\_\_ (write-in)

**TERM II** – beginning January 1, 2008 and ending December 31, 2008

\_\_\_\_\_ Davis Cole, P.E., H. Davis Cole & Associates, LLC., Baton Rouge

\_\_\_\_\_ (write-in)

**Please return completed ballot to ACEC/L, P.O. Box 82859, Baton Rouge, LA 70884-2859.**

**DEADLINE TO SUBMIT BALLOT – FRIDAY NOON, JUNE 21, 2007.**



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# L'ARPENTEUR LOUISIANE

Charles G. Coyle, III, President



Charles G. Coyle, III  
President

Louisiana Society of  
Professional Surveyors

Let me begin by saying what an honor it is to serve you as President for 2007-2008. I am following in the footsteps of some of the great leaders in our profession and it is a position that I pledge to take very seriously. I am fortunate to have with me this year an excellent, experienced Board of Directors and District Chairmen. Together, we will work hard to address the needs of our profession.

I would like to thank Ryan Fuselier for his tireless efforts as President for this past year. Much was achieved under his leadership and he should be commended for a job well done.

Also, I would like to take a moment to thank all those who worked on the Baton Rouge convention and made it a success. David Patterson, convention chairman and Past President, and his committee have been tirelessly working for over a year. However, none of this would have been possible without the outstanding work of our Executive Administrator, Ronda Courville.

There are many issues which we will be addressing this year. Primarily, we must address the issue of labor in our profession. Not just attracting more registered professionals, but every position from technician to rodman. A common theme I hear from associates across the state is the need for qualified employees. How many of us find ourselves these days working longer hours and even weekends to keep up? While looking for volunteers for this society, we hear a lot of, "I'd like to, but I'm just so busy with work. I just don't have enough help." Louisiana is experiencing a booming economy, and we are not the only industry facing this labor shortage. Unless we become more proactive, we will get left behind in the labor race. I will be forming a task force to address this issue and charge them to come up with ideas we can implement to attract more people to our profession. I am open to any ideas you may have, so please do not hesitate to contact me to discuss them.

Of course, this will include working directly with the Geomatics program at Nicholls State University and the Civil, Surveying and Mapping Technology program at T. H. Harris in Opelousas. We will also work harder to promote the Certified Survey Technician program sponsored by NSPS. Our clients know we have the tools and cutting edge technology available to us and they expect us to use them to the benefit of their projects. That being said, we don't simply need a work force, but the need for an educated work force is greater than ever.

Other issues of note will be addressing:

- Continuing to monitor our legislature for laws that could have an effect on our profession. We are still exploring avenues to relieve the burdens of the trespass law. I encourage you to document any issues you have with trespass and let me know.

- We will be forming a committee to review our Minimum Standards and look into possibly updating some of the items to reflect the surveying of today. The standards we have in place now have served the profession well and I will be

asking some of those who wrote the existing standards to help with this task.

- We will continue to make sure we are providing continuing education opportunities for our professionals in all corners of the state. If you have ideas for a seminar and would like to have one in your area, contact your District Chairman.

Please know that I am always available to discuss these and any other issues affecting our profession. I welcome your comments and suggestions. In closing, I ask that you keep in mind that we are all volunteers working for the advancement of our profession. If you have not done so, or are not at this time, please consider volunteering your time and efforts for the same. Just as we need qualified individuals working in our profession, we also need qualified individuals working for our profession.

## THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS (NSPS) IS HAPPY TO ANNOUNCE THE 2007 WINNERS OF THE FOLLOWING NSPS AWARDS:

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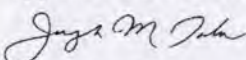
### • STUDENT PROJECT OF THE YEAR AWARD

No Award given in 2007

### • EXCELLENCE IN PROFESSIONAL JOURNALISM AWARD

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A special thanks to all of you who were nominated or applied for the different NSPS awards.



Joseph M. Dolan

President, NSPS

cc: Affiliate Newsletter Editors



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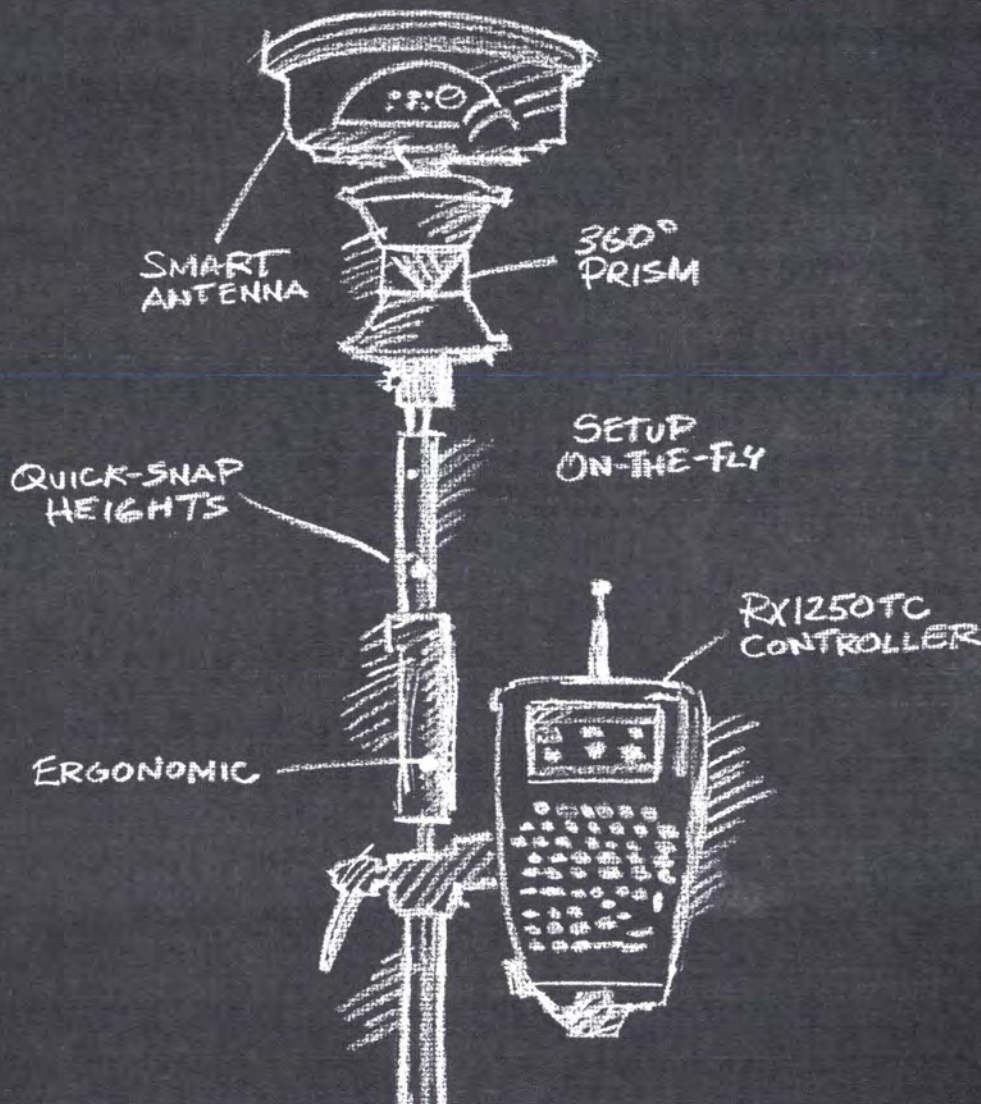
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LET'S DEFINE LOUISIANA (OR LET'S NOT!)

History –

Pre-Pre-Pre- Katrina (i.e. geological origins)
Indigenous People

Colonial Powers

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Spain – First Land Use Regulations
Survey Requirements
Layin' Down the Law Regarding Levees (!)
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Subsequent Township Surveys – The Rush to Have Lands Settled
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How Can Anyone Live Here, Anyway? Well, WE DO!!

I am not an historian nor do I play one on TV. In the course of doing my job as a surveyor, I do oftentimes cross paths with the disciplines of not only historian but also forensic detective. A land surveyor cannot do his job properly without looking to the past, especially in regard to how the lands were formed, settled, surveyed, conveyed and possessed – of course, as we know, the steps to acquiring real estate did not necessarily progress in that order. I am struck by how the surveyors of old were plagued by many of the same problems faced by surveyors today. However, let's go way, way back, before there were even Surveyors hacking their way through brush, back to the Cretaceous Period, some 65 million years (from last Tuesday). I mention this because this is when the Mississippi River system was beginning to form. The Gulf at times reached all of the way up to Cairo, Illinois, but tectonic, glacial and other forces were beginning to cause the continent to funnel drainage toward that fair

city. Accordingly, the delta started building southward. Occasionally, the Gulf would come back in and inundate the delta (sound familiar?) but essentially the "delta factory" was in place. I mention this only because significant portions of present-day Louisiana are built on this play-dough of silt, sand, organic muck and things that go bump in the night. The oldest delta sediments encompassed by the present day portion of our State were deposited a few thousands of years ago, which is barely a twinkle in God's eye. The most recent land was formed a nanosecond ago, in several areas of our coast: south of Morgan City, south of Venice in West Bay, in the vicinity of Caernarvon/Delacroix, and in the Pass-a-loutre Wildlife Management Area. This is happening as I speak. Sounds good on first blush. The bad news, however, is that the forces of erosion and subsidence are far out-pacing any land building efforts by that tired Ol' Man River (let's not even mention the "K" word – maybe later).

Fast forwarding to the time of human habitation, I will only mention briefly that the indigenous people who inhabited the coastal marshes of Southeast Louisiana chose to feast on the *Rangia* clam, and they would leave immense piles of the shells from these clams. These shell piles, or middens, were noted and mapped by some of the early U.S. Deputy Surveyors who were tasked with meandering the "worthless" marsh. In some cases, the surviving middens served as monuments to the location of the official meander lines as surveyed by the GLO. Another survey-related factoid from pre-European times is the storied "Baton Rouge", or Red Stick, that served as a boundary marker between the respective hunting grounds of the Houmas and Bayougoulas tribes, as reported by Iberville in 1699.

Iberville's exploration of Louisiana represented one of the earliest instances of observations being recorded (and no doubt notarized as the French were wont to do). Accordingly, we pass from pre-history to history at this point.

Conceptually, "Louisiana" has meant different things to different groups of Europeans. Named after the Louis XIV, the "Sun King", the original property description reads as follows: "In the name of the most high, mighty, invincible, and victorious prince, Louis the Great, by the grace of God King of France and of Navarre, Fourteenth of that name, I, this ninth day of April, one thousand six hundred and eighty two, in virtue of the commission of his Majesty, which I hold in my hand, and which may be seen by all whom it may concern, have taken, and now do take, in the name of his Majesty and of his successors to the crown, possession of this country of Louisiana, the seas, harbors, ports, bays, adjacent straits, and all the nations, peoples, provinces, cities, towns, villages, mines, minerals, fisheries, steams, and rivers, within the extent of said Louisiana, from the mouth of the great river of St. Louis, otherwise called the Ohio...as also along he river Colbert, or Mississippi, and the rivers which discharge themselves thereinto, from its source beyond the country of the Nadouessioux...as far as its mouth at the sea, or Gulf of Mexico, and also to the mouth of the River of Palms, upon the assurance we have had from the natives of these countries, that we are the first Europeans who have ascended or descended the said river Colbert; hereby protesting against all who may hereafter undertake to invade any or all of these aforesaid countries, peoples or lands, to the prejudice of the

rights of his Majesty, acquired by the consent of the nations dwelling herein. Of which, and of all else that is needful, I hereby take to witness those who hear me, and demand an act of the notary here present." (Figures 1 and 1A)

Property surveying in Louisiana has been guided by whatever land use policies were in place by the various sovereign governments that have controlled Louisiana over time. I think that most of us here today have a working knowledge of Louisiana history, at least as far as the sequence of players goes: France in the early 1700s, Spain in the 1760s, (along with Britain up in the Florida parishes), then France again briefly in 1803, with the Louisiana Purchase by the U.S. also in 1803. The early French period began in 1699, really more centered in the Ocean Springs, Mississippi and Mobile, Alabama area, then considered as part of Louisiana with a capital "L". (Figure 2)



FIG 1A



The administration of the area of present day Louisiana was given in the form of trade monopolies to private companies headed by Antoine Crozat and John Law by the French government. These concessions gave Crozat and Law the authority to grant lands. This was carried out in a haphazard fashion—often, many miles of riverfront would be granted, often to speculators who had no intention of settling on the lands. Even when attempts were made to regulate these land granting practices, such as the 1716 edict that recipients of land were to actually settle on the land, these regulations were rarely enforced. As we know, the bubble eventually burst and the French crown took over direct control of the colony in 1731. At this time, the important settlements in Louisiana were located along upper Bayou Lafourche, at Bayou Manchac at the Mississippi, around Baton Rouge, Pointe Coupee, and Natchitoches. Relatively few tracts were surveyed during this period. Louisiana was very sparsely inhabited so there was little need for marking precise boundary lines. Frontages along the rivers and bayous were measured in *arpents*, often with a crude measuring device known as the *compass*, not to be confused with the magnetic compass used for measuring



bearings. The compass was similar to a huge set of dividers that subtended a set distance, usually a *toise*, or 6 French feet, equivalent to 6.4 U.S. feet. These were literally walked or pivoted along the bank of the river to measure or mete out parcels of land. This was a precise enough method of measuring for Louisiana plantation owners at this time. For those who are interested, 30 *toises* comprise one linear arpent. (Figure 3) Spain was ceded the colony of Louisiana by France, a result of the 7 Years War. If there was a common thread running through the French and Spanish colonial periods, it was the desperate desire to attract live bodies to Louisiana, as

long as they were Catholic. This push to increase settlement in the colony had a direct impact on how lands were doled out by the government in that it perpetuated the chaos that had always held sway. There were some significant improvements with the coming of Spanish rule, however.

The Spanish Colonial period in Louisiana began in earnest in 1769 with the arrival of the first Spanish Governor, Don Alexandro O'Reilly. He was reportedly a good administrator and a man with boundless energy. He immediately set about investigating the need for special regulations concerning the public lands. He traveled around the colony, visiting the provincial forts and settlements. He would convene the inhabitants and listen to petitions relating to surveys, grants, concessions, mineral rights and roads among other things.

He got back to New Orleans in February of 1770 and published twelve regulations, really the first manifest statements concerning the administration of lands in the colony. O'Reilly wrote a letter to the king regarding the twelve ordinances. In his letter, O'Reilly puts forth the following innovative ideas: "I thought it my duty to acquiesce in the prayer of every inhabitant in almost every district, that a surveyor be appointed to measure the lands and determine their limits....I have thought it advisable, that, for the future, the Governor be the only one authorized by the king to make such concessions (of land); and for the apportionment of lands belonging to the royal domain, I have appointed a council of twenty-four persons, known for their practical sense and information, and for their sound judgment." Article

One limited the size of plots of land given to newly arrived families to six to eight arpents frontage by forty arpents in depth. Article Two of these regulations required any settler on the bank of the Mississippi to make adequate provision for levees and ditches to protect the land from inundation by the river's overflow and to construct roads and small bridges along the front. Since the land along the lower Mississippi was worthless without an unbroken chain of levee to protect the land from the river's flooding, this became an important law. If settlers ignored this rule or were negligent in the upkeep of these early easements then the military government stepped in and made the necessary repairs or improvements and then charged the cost to the landowners. The requirement for digging drainage ditches would prove useful to the surveyor as helping to define the limits of occupation by a particular landowner. Article Two also held that the settler was to clear the land to a depth of two arpents. Another related regulation disallowed uninhabited gaps between tracts. This naturally was an adjunct of the need for a continuous levee and road running along the fronts of the tracts. Article Twelve reads as follows: "All grants shall be made in the name of the king, by the Governor General of the province, who will, at the same time appoint a surveyor to fix the bounds thereof, in both front and depth, in presence of the ordinary judge of the district, and of two adjoining abovementioned four persons shall sign the process verbal which shall be made thereof and the surveyor shall make three copies of the same; one of which shall be deposited in the office of the escribano of the Government and Cabildo, another shall be delivered to the Governor General, and the third to the proprietor, to be annexed to the titles of his grants." The O'Reilly edict

Magnetic Variation (E.) at New Orleans, La.

YEARS	DEGREES	MINUTES	YEARS	DEGREES	MINUTES	YEARS	DEGREES	MINUTES	YEARS	DEGREES	MINUTES
1790	7	0	1820	8	4	1850	8	8	1870	7	9
1800	7	1	1830	8	12	1860	7	56	1890	6	37
1810	7	50	1840	8	13	1870	7	37	1900	5	50

Decimal Equivalents of the Divisions of a Foot.

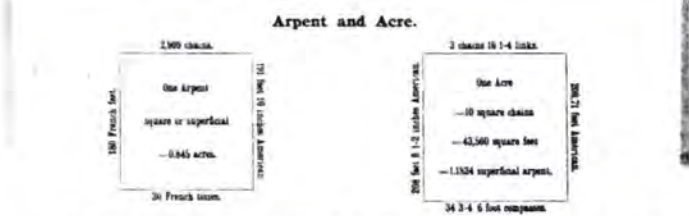
"	0	1	2	3	4	5	6	7	8	9	10	11	"
0		.0833	.1666	.25	.3333	.4166	.5	.5833	.6666	.75	.8333	.9166	0
1	.0833		.1666	.25	.3333	.4166	.5	.5833	.6666	.75	.8333	.9166	1
2	.1666	.0833		.1666	.25	.3333	.4166	.5	.5833	.6666	.75	.8333	2
3	.25	.1666	.0833		.1666	.25	.3333	.4166	.5	.5833	.6666	.75	3
4	.3333	.25	.1666	.0833		.1666	.25	.3333	.4166	.5	.5833	.6666	4
5	.4166	.3333	.25	.1666	.0833		.1666	.25	.3333	.4166	.5	.5833	5
6	.5	.4166	.3333	.25	.1666	.0833		.1666	.25	.3333	.4166	.5	6
7	.5833	.5	.4166	.3333	.25	.1666	.0833		.1666	.25	.3333	.4166	7
8	.6666	.5833	.5	.4166	.3333	.25	.1666	.0833		.1666	.25	.3333	8
9	.75	.6666	.5833	.5	.4166	.3333	.25	.1666	.0833		.1666	.25	9
10	.8333	.75	.6666	.5833	.5	.4166	.3333	.25	.1666	.0833		.1666	10
11	.9166	.8333	.75	.6666	.5833	.5	.4166	.3333	.25	.1666	.0833		11

To use the above table—suppose it is required to find what decimal of a foot is equivalent to 10 inches look for the column headed 10 and the figures at the top of that column, .8333, is the decimal required.

Again—To find the decimal of a foot equal to 3/4 inches look in the column under figure 3, run the figures down that column until it is level with the 3/4, (marked on both sides of the table), the figure .6944 gives the decimal required.

Reduction of French Feet into American Feet, Inches and Eighths and American Feet and Decimals.

French Feet	AMERICAN Feet	French Feet	AMERICAN Feet	French Feet	AMERICAN Feet	French Feet	AMERICAN Feet	French Feet	AMERICAN Feet
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57	57	57
58	58	58	58	58	58	58	58	58	58
59	59	59	59	59	59	59	59	59	59
60	60	60	60	60	60	60	60	60	60
61	61	61	61	61	61	61	61	61	61
62	62	62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80	80	80
81	81	81	81	81	81	81	81	81	81
82	82	82	82	82	82	82	82	82	82
83	83	83	83	83	83	83	83	83	83
84	84	84	84	84	84	84	84	84	84
85	85	85	85	85	85	85	85	85	85
86	86	86	86	86	86	86	86	86	86
87	87	87	87	87	87	87	87	87	87
88	88	88	88	88	88	88	88	88	88
89	89	89	89	89	89	89	89	89	89
90	90	90	90	90	90	90	90	90	90
91	91	91	91	91	91	91	91	91	91
92	92	92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100	100	100



The lands of Louisiana, while a French colony, were first surveyed by arpents. Spanish rule maintained this standard of measurement and our laws yet prescribe that plats of survey shall indicate measurements in French as well as American measure.

Unfortunately the difference between *arpent* and *acre* is not sufficiently known, or else too often ignored. Notarial records are frequent in which the word *acre* seems to have been considered simply as the translation of the French word *arpent*.

The *ARPENT* is an old French linear measure comprising 30 *toises* of 6 feet each of the *City of Paris*. Its true equivalent in American measure varies, according to different authorities, from 191 feet 9 1/2 inches to 191 feet 10 1/2 inches, but is considered as 192 feet, or 200 chains by the United States Government, probably to facilitate calculations. The same approximate system is used in estimating areas by calculating one superficial arpent as equivalent to 1/480 of one acre, instead of 1/479 1/2. For all practical purposes this is sufficiently correct.

The standard measure of the United States land survey is Gunter's four-pole chain, consisting of one hundred links, each link being 7 1/2 inches long. One chain is equal to 22 yards or 66 feet. Ten square chains, equal to 43,560 square feet, form one ACRE. One acre is technically subdivided into 4 rods, containing each 40 square rods or poles of 30 1/2 square yards, or 272 1/4 square feet, practically however, the decimal system prevails and areas are rarely expressed otherwise than in acres and hundredths of an acre.

As already stated, the *arpent* is a linear measure and speaking of a square piece of land measuring one arpent on each side, we are obliged to specify it as a square arpent; of a piece containing a surface equal to that of a square arpent, but irregular in form or shape, we would say that it contains one superficial arpent.

Pro contra: The *acre* is in itself a measure of superficies and its form or shape is entirely immaterial, provided it contains the equivalent of 10 square chains or 43,560 square feet. It is therefore grammatically and technically wrong to use the expression: "One acre in length," although this is frequently done to express the square root of the contents of one acre, or in other words, the length of one side of a square piece of land measuring one acre, which side would be equal to 208.7103303 feet or 208 feet and 8 1/2 inches.

GRANDJEAN, DANEY & WADDILL,
CIVIL ENGINEERS AND SURVEYORS,
Room 12, MARQUEE TEMPLE, NEW ORLEANS, LA.

FIG 3



FIG 4

explained the procedures by which an applicant could seek the right to occupy and eventually own a tract of land. He was to file a *requete*, or petition, in the office of the district commandant. The *requete* was to set forth the quantity of land desired, location, proposed use, the number of persons in the applicant's household and the number of livestock he owned. The district commandant would approve the *requete* if everything was in good order and forward it to the Governor General. If it passed muster with him, then he would instruct the surveyor-general to cause a survey and plat to be made of the grant. The concession granted in this fashion constituted a permission to settle the lands and would give a non-transferable title good for three years. At the end of the three years, the grantee would receive a patent, or fee simple title. This was an excellent system in theory. In practice, there was much bending of rules and cutting of corners. Still, it was an admirable attempt to derive an orderly method to dispose of the lands

of colonial Louisiana. Figure 4 is a map showing the portion of New Orleans extant during the time of Spanish rule.

Figure 5 is other example, showing property located on the east bank of the river in Plaquemines Parish, near Bertrandville. This plat is remarkable in that it has a complete chain of title notated within the 4 corners of the document, that is, the chain of title current to 1774. There is another revealing note here in the lower left hand corner of the plat. This note has been translated from the French as follows:

"As all of these different parcels of land were never surveyed properly, but only measured along the river by the Commandant of the Detour (English Turn), after measuring he granted to some small inhabitants so they would occupy it, and who neither the one nor the other had any smattering of surveying knowledge, and consequently not being able to figure out the direction that is necessary accordingly to give to the boundaries, circumstances that form the basis of surveying, since each of the parcels should be measured or surveyed on a perpendicular or right angle to one of two lines of the boundaries, and in this area these boundary lines can not run exactly at right angles to the river, because of the irregular contour of the point, and it happened that the commandeur who situated the small inhabitants, having measured their land on the contour of the point, in place of measuring on a right angle, there was missing to each one a little when one did a regular survey, and these different little errors together have produced the two arpents that is missing, and that one was obliged to take it out of the last parcel, not having found any vestige that indicates the point that separated each one from the first concessionaire. New Orleans, 3 December 1774, (signed) Andry"

Generally speaking, the Spanish maintained many of the French units of measure for consistency's sake. However, there were some grants made in Louisiana that were of a purely Spanish origin. These were described in terms of square leagues and are known as *sitio* grants. One such grant was made in 1795 by Governor de Carondelet to Baron de Bastop, who had petitioned (filed a *requete*) for 12 square leagues on

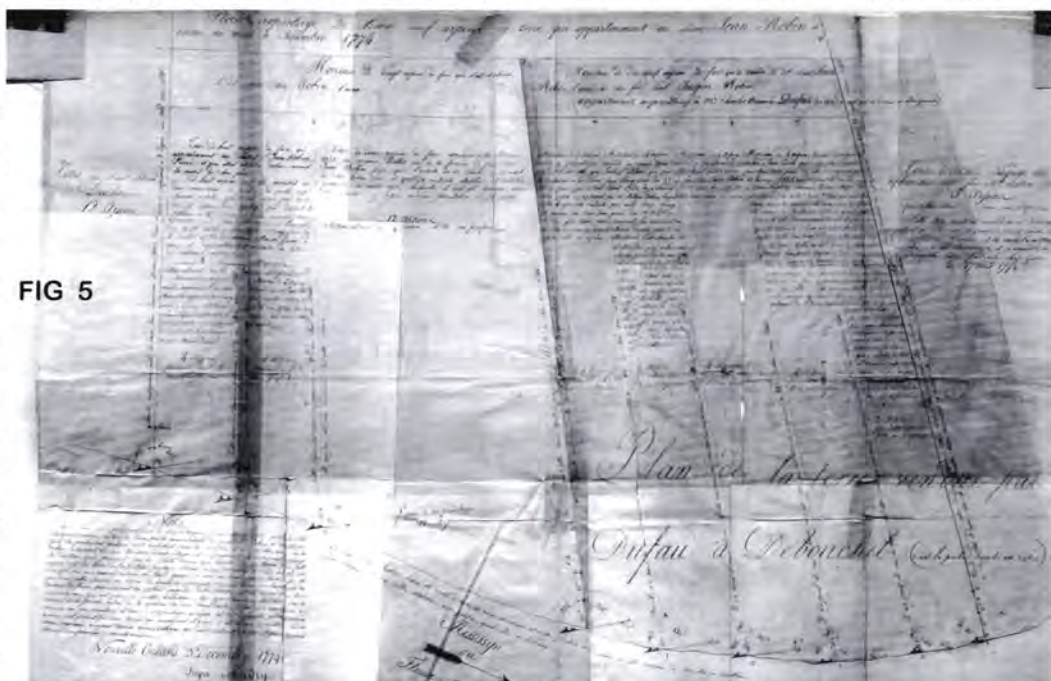


FIG 5

re Ouachita River. This was a generous rant. The land amounted to some 350,000 cres and the 500 families who were to settle his land were supported for six months at overnment expense.

The following is an example of a omplete title (translated from the Spanish) ertaining to a *sitio* grant issued to Pierre Pedro) Dolet of Natchitoches Parish, situated on Bayou of the Adais, in the settlement of Bayou Pierre. The grant was described as "one league around the compass" centered around the compass. Therefore, the grant contained 2 leagues square.

1.) Senor Lt. Governor: Pedro Dolet of Bayou Pierre, with due respect, represents that he has made a settlement on one of the margins of the Bayou of the Adais, built a house, expended labor, and raised herds of horses and cattle; wherefore, he prays that that you would grant him , at the place aforesaid, a league around the compass, taking for center his aforesaid house, so that all the land he prays for may form a square of two leagues on each front, for himself, his children, and representatives. He prays that you would grant him the aforesaid land on the terms by him stated; a favor which he hopes to deserve, etc. Bayou Pierre, 7th December, 1795.

U.S. Territorial Maps 1810

U.S. Territorial Map 1810



FIG 6 1810

2.) Nacogdoches, 27th December, 1795. Whereas Pedro Dolet has made a settlement on the margin of the Bayou of the Adais, with his house and herds...and let him put the petitioner formally in possession of the land prayed for without prejudice to third persons.

...to be continued next issue



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SCHOOL DATE GRADUATED DEGREE

Surveying Experience _____
YEARS

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District 8 – Alexandria ☐

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Out-of State ☐

Date: _____

APPLICANT'S SIGNATURE

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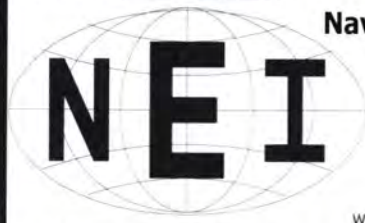
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LAPELS BOARD - 2007

Left to Right: Joseph Wink, P.E. (Secretary), Kerry Hawkins, P.E. (Chairman), Norma Jean Mattei, Ph.D., P.E., Roger Danzy, P.E., Robert Eddleman (Director of Enforcement), Mark Jusselin, P.E., Rhaoul Guillaume, P.E., Scott Landry (Board Attorney), Tim Allen, P.L.S. (Treasurer), Jack Stelly, P.L.S. (Vice-Chairman), Donna Sentell (Executive Director), James Garber, Ph.D., P.E., Ali Mustapha, P.E., and Richard Savoie, P.E.



Louisiana Engineering Society

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



American Council of Engineering Companies of Louisiana

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Louisiana Professional Engineering and Land Surveying Board

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Louisiana Society of Professional Surveyors

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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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Warren Wilder, *Associate Editor*

Heidi Watts, *Associate Editor*

Ronda Courville, *Associate Editor*

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.



Kerry M. Hawkins, P.E.
Chairman

Louisiana Professional Engineering
and Land Surveying Board

In almost 100 years of operation the Board's function has not changed appreciably. LAPELS function is to protect the health, welfare, and safety of the people of Louisiana. However, the board and the board office have changed over the years to handle a greater number of applicants, registrants and duties that are needed to perform that function. To manage the many duties required in the modern age, the office staff gradually embraced the use of computers for keeping up with correspondence, license records, then renewals, and so forth. This effort includes processing new applicants, comity applicants from other jurisdictions, keeping addresses current, renewals, and enforcement actions. Unfortunately, the tools to handle various duties did not evolve together and the various computer tools did not communicate with each other very effectively since each tool was based on a different need.

Several years ago the LAPELS board embarked on an effort to evaluate the efficiency and effectiveness of our operation. In one of the early efforts to harmonize the many duties of the office, Mr. Tony Huval evaluated various office information systems and eventually recommended that the board adopt a relational database system developed by CAVU Corporation. This system was developed for licensing boards with duties similar to LAPELS. Ms. Heidi Watts, Staff Assistant to the Executive Secretary has been the real champion of making CAVU work for us and being the lead trainer for applications. CAVU handles applications, registrant renewal information, enforcement activities, and also maintains records for fee payments. The CAVU system enabled all the office staff functions to have a common platform to handle our many needs.

Ms. Watts continues to develop our capabilities for CAVU and improving how we use CAVU.

The board appointed a Strategic Planning Committee and this committee concluded that along with the opportunities brought by CAVU, we needed to ensure that the board office maintained a "business mentality" going forward being effective and efficient in dealing with applicants, registrants and other stakeholders. Hiring Ms. Donna Sentell on Mr. Kent's retirement, the board clearly indicated we wanted to increase the focus on effective and efficient office operations. Our cost of doing business had grown and an uncertain future in the wake of the storms and a widely scattered registrant base was of concern. As our stakeholders must do, we need to have a very efficient operation if we are to succeed. The storms also focused our attention to the need to put together a disaster recovery plan to ensure that should a storm or fire destroy our office, we could become operational once again in short order.

Ms. Sentell concluded quickly that we not only needed secure information and means to physically restore our office, but also that we needed to implement a vigorous cross training plan for our office staff. This step, which is ongoing, provides that should one or more key staff members be somehow hindered in the event of a disaster, others could pick up the load and carry on.

Board member Mark Jusselin has chaired the Strategic Planning Committee that has quickly implemented a plan to address a number of concerns. First, we have many critical documents (applicant records, board meeting minutes, etc.) that are subject to loss, staff succession/training

needs to be addressed formally, define critical equipment needs, and establish technology upgrade plans.

We have "old paper" files from many years back that have information that would be irreplaceable should a disaster occur. Mr. Jusselin's committee and the staff are in the process of having all of our old files that are located at two different locations scanned onto CDs that we will store in a bank vault. As indicated earlier, we have instituted increased training and cross training plans and are in the process of developing an inventory of critical equipment that we need to maintain office operations and to bring the office back on line in short order to be ready if disaster strikes.

I believe that all these efforts will help LAPELS to continue to become a more effective board and that we will be ready if disaster strikes.

MARK YOUR CALENDAR

LAPELS Board Meeting Dates

September 17 – 18, 2007

November 12 – 13, 2007



FROM THE EXECUTIVE SECRETARY

Donna D. Sentell, Executive Secretary



Donna D. Sentell
Executive Secretary

It is renewal time again. If your license expires on September 30, 2007 you should receive an invoice any day. If you do not receive one by the end of August, please contact our office.

Licensees of LAPELS are assigned to one of the four biennial renewal cycles. Licenses expire on March 31 or September 30 and are good for a two year period.

If you are unsure when your license will expire, you can check this information on our website, www.lapels.com. Go to the link Roster of Individuals and Firms and enter your number in the appropriate field. You can view your license, which includes your address, license number, expiration date and discipline. You can print from this screen if you need to provide documentation concerning an active license. We no longer mail renewal cards to our licensees since you can verify your license on our website.

LAPELS has offered on-line renewals for over two years and many of you have utilized this option. With each renewal cycle, we see an increase among our licensees who prefer this method of renewing their license. It is quick, easy and much more efficient than mailing a check. If you do choose to mail a check, make sure it is post marked by September 30, or it will be returned to you and late fees will apply.

Our website database is there for your convenience as well as for

the public's use. All licensees should check the LAPELS website periodically to view their license and ensure the accuracy of the information we have on file. Please do so now. If you find inaccurate information, you can email your corrections to info@lapels.com.

Many of our registrants were displaced after the hurricanes in 2005 and we are still struggling to find many of them. If registrants didn't contact our office with an address change, they are not receiving this publication or any renewal notices. If you know of licensees who

have relocated within the past couple of years, you can help us by searching our database to check for their names. If you know their location, you could encourage them to get in touch with us to update their contact information. All of us here at LAPELS work very hard to be responsive to our licensees and our applicants. We need you to stay in touch with us and welcome your emails, phone calls or letters. We strive to maintain accurate records on all of you. But in the end, notifying us of address changes and renewing your license is still your responsibility.



Board Members

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C.L. Jack Stelly, P.L.S.
Vice Chairman

Joseph C. Wink Jr., P.E.
Secretary

Timothy J. Allen, P.L.S.
Treasurer

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Norma Jean Mattei, Ph.D., P.E.
Ali M. Mustapha, P.E.
Richard L. Savoie, P.E.

Board Staff

Donna D. Sentell
Executive Secretary

Robert Eddleman
Director of Enforcement

Heidi G. Watts
Administrative Secretary/Editor

www.lapels.com

EXAMINATION DATES

October 26 – 27, 2007

April 11 – 12, 2008

October 24 – 25, 2008

APPLICATION DEADLINES

(for first time applicants)

June 1, 2007 for October 2007 exam
December 1, 2007 for April 2008 exam
June 1, 2008 for October 2008 exam

DISCIPLINARY AND ENFORCEMENT ACTIONS

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



Robert E. Eddleman

During the 2007 fiscal year (July 1, 2006 - June 30, 2007), the enforcement section opened 210 cases and closed 163 cases. During this same time period, the enforcement section also audited 290 licensees' for CPD compliance.

Below are summaries of actions taken by the board on closed cases, which resulted in either formal or informal disciplinary/enforcement action.

UNLICENSED OFFER AND/OR PRACTICE OF ENGINEERING AND/OR LAND SURVEYING

Structural Engineering Services, LLC, an unlicensed firm, was subject to enforcement action by the board for the unlicensed practice and/or offering of engineering services in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1), (7) and (9), to wit LAC Title 46:LXI.2301(B)(1). The firm's owner and employee (who is a Louisiana licensee) practiced and offered to practice engineering in Louisiana on behalf of and in the name of the firm, which included signing and sealing plans for single family residences in Louisiana. The firm also practiced and offered to practice engineering in Louisiana under the firm name, "Structural Engineering Services, LLC", prior to becoming licensed in Louisiana. The firm has entered into a Consent Order with the board, wherein it admitted to violations of the above statutes and rules and agreed to pay a fine of \$500.00, to pay administrative costs of \$893.73, and to the printing of a summary of this matter by name in this publication.

Derland Dupree, an unlicensed individual, was subject to enforcement action by the board for the unlicensed practice and/or offering of engineering services in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). Mr. Dupree prepared and submitted to clients in Louisiana detailed foundation plans for residences in Louisiana. Mr. Dupree has entered into a Consent Order with the board, wherein he admitted to violations of the above statutes and agreed to pay a fine of \$500.00, to pay administrative costs of \$236.42, to immediately cease and desist the offer and/or practice of engineering in Louisiana until he is duly licensed by the Board, and to the printing of a summary of this matter by name in this publication.

Clyde Lambeth, Jr., an unlicensed individual, was subject to enforcement action by the board for the unlicensed practice and/or offering of land surveying services and the use of the word "surveying" in a person's name or form of business or activity in Louisiana without being licensed in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1), (7) and (9), to wit LAC Title 46:LXI.2301(B)(1). Mr. Lambeth issued business cards and written solicitations to persons in Louisiana soliciting land surveying services. These documents contained his business name ("Lightning Field Sur-

veying") and described his services as including "topographic", "data collect", "boundary", "cut out & mark", "lot staking", "for subdivisions" and "surveying field work". Mr. Lambeth has entered into a Consent Order with the board, wherein he admitted to violations of the above statutes and rules and agreed to pay a fine of \$500.00, to pay administrative costs of \$658.05, to cease and desist the above conduct in Louisiana until he can fully comply with the board's requirements for licensure, and to the printing of a summary of this matter by name in this publication.

AIDING OR ASSISTING OF ANOTHER PERSON IN VIOLATING ANY PROVISION OF THE BOARD'S LICENSURE LAWS AND RULES

Dale A. Phillips, P.E., a Louisiana licensee, was disciplined by the board for aiding or assisting another person in violating the laws and rules of the board in violation of La. R.S. 37:698(A)(12). Mr. Phillips aided or assisted his unlicensed firm in the practicing and offering of engineering services in Louisiana and in using the word "engineering" in its firm name in Louisiana prior to the firm becoming licensed in Louisiana. Mr. Phillips has entered into a Consent Order with the board, wherein he admitted to violations of the above statute and agreed to pay a fine of \$500.00, to pay administrative costs of \$893.73, and to the printing of a summary of this matter by name in this publication.

PRACTICE OF ENGINEERING AND/OR LAND SURVEYING ON AN EXPIRED LICENSE

N & A, Inc., a Louisiana licensed engineering and land surveying firm, was disciplined by the board for the offering and/or providing of engineering and land surveying services in Louisiana during the period that its firm engineering and land surveying licenses were in an expired status from April 1, 1995 until October 7, 2006 in violation of La. R.S. 37:698(A)(9) and (16). The firm's licenses have been renewed, and it has entered into a Consent Order with the board, wherein it admitted to violation of the above statutes and agreed to pay a fine of \$5,000.00, to pay administrative costs of \$194.61, to pay all past renewal fees of \$750.00, to have its supervising professional successfully complete the board's online laws and rules examination within sixty days, and to the printing of a summary of this matter by name in this publication.

MEET THE BOARD MEMBERS

NORMA JEAN MATTEI

*Associate Professor of Civil and Environmental Engineering
nmattei@uno.edu*

Dr. Mattei received her Bachelor of Science degree in CE, cum laude, from Tulane University in May of 1982 and her Ph.D., also from Tulane University, in August of 1994. She is a registered Professional Civil Engineer in the state of Louisiana. Prior to working on her Ph.D. and beginning a career in academia, she practiced as a consulting structural engineer for ten years in the New Orleans area. She worked as a project engineer in the metropolitan New Orleans area for such consulting firms as Modjeski & Masters, Guillot-Vogt Associates Inc., Linder & Associates, and Walk-Haydel & Associates. Projects included the structural design and geometric layout of long-span bridges, streets, highways and interchanges. She also designed offshore platforms, docks, and commercial buildings, including hospitals and a high security jail.

Her current research areas of interest include diversity issues in engineering and engineering education, engineering ethics, residual stress measurement using laser interferometer, mitigation of repetitively flooded structures in southeast Louisiana, experimental testing of intermediate and large sized parts in fatigue, buckling, and fracture, and recycling spent blast materials in hot mix asphalt in Louisiana. Future research will include research related to a precast roadway panel that can be leveled in place if its foundation soils have subsided and the testing for the effect on hot mix asphalt of long term submergence in salt water.

Dr. Mattei received the DSOC Distinguished Teaching Award in the academic years 95-96 and again in 00-01 and the Alpha Chi Epsilon - Assistant Professor of the Year Award in academic year 95-96. She is listed in Who's Who Among America's Teachers, nominated in 1998. She serves as the faculty advisor for SWE student section and for Tau Beta Pi Engineering Honor Society (Epsilon Chapter) at the University of New Orleans. Her professional awards include the Louisiana Engineering Foundation - Professionalism Award, 2004, ASCE New Orleans Branch President's Award, 2004, ASCE New Orleans Branch Outreach Award, 2006,

and ASCE Louisiana Section Outreach Award, 2006. She received her most recent award, ASCE New Orleans Branch Outstanding Civil Engineer, in July of 2007.

Professional organizations in which Dr. Mattei is active include ASCE, ACI, SWE, SEM, and ASCE. Dr. Mattei has served in various leadership positions for the last 15 years. She is currently the Governor representing Louisiana on ASCE's Region 5 Board. She is a past president of ASCE Louisiana Section Board, 2005 and ASCE New Orleans Branch Board, 2000. She has been on the Executive Board of the ASCE/SEI N.O. Branch Structures Committee since 1995 and has served as that organization's chair in 1999. This committee gives monthly continuing education seminars to area engineers. She is also active on the Steering Committee of the yearly ASCE/ACI Louisiana Civil Engineering Conference and Show, having chaired that event in 2000. She is also active in the Society of Experimental Mechanics Residual Stress Technical Division, serving as vice-chair in 2006, and the American Concrete Institute's 2009 Fall Conference Planning Committee.

In 2003 and 2006, Mattei chaired the National Science Foundation in its workshop series on the advancement of technical and intellectual exchange among Ph.D.-level engineering professionals from underrepresented groups, including women. Norma Jean has also served as a primary resource to ASCE's Communications Department on a number of media relations activities including an interview with the National Public Radio on post-Hurricane Katrina conditions. This interview aired nationally on the Morning Edition.

She is a life-long resident of Metairie, LA, where she lives with her husband, Richard, and two daughters, Helen and Genevieve.



RICHARD L. SAVOIE, JR.

Richard L. Savoie, Jr. is a 1978 graduate of McNeese State University with a BS degree in Civil Engineering. After graduation Richard went to work for T.L. James Construction Co. as a construction foreman. After supervising a bridge and approach replacement project over the Sabine River, Richard decided to move to Baton Rouge, La. and began his career with the Louisiana Department of Transportation and Development in May 1980. The first 26 years were spent in the Head Quarter's Road Design Section where he advanced to Assistant Road Design Engineer and Value Engineering Director. His efforts with Value Engineering led LA DOTD to be recognized by the Federal Highway Administration as the best Value Engineering program in the country for 2005, with program size between \$100 and \$400 million. On February 20th, 2006, Richard was promoted to Deputy Chief Engineer for the Office of Engineering.

Richard has been active in the Louisiana Engineering Society (LES) since 1991, having served as the Baton Rouge Chapter President in 1996-1997 and as President of the Louisiana

Society of Professional Engineers in Civil Service (LSPECS) in 1991. Richard was honored by the Baton Rouge Chapter of LES with the A.B. Patterson Medal for Engineering Management in 2007. He also serves both societies as their head jambalaya cook; cooking for the annual LES LSU/Southern University engineering student function each November and the cook for the annual LSPECS Headquarters gathering.

On April 1, 2007, Richard was appointed by Governor Kathleen Babineaux Blanco to serve a six year term on the Louisiana Professional Engineers and Land Surveyors Board. Richard is married to Karen C. Savoie and they have two boys, Andre' age 22, a future Construction Manager, and Erik age 17, a junior at Christian Life Academy.



NEW REGISTRANTS

New Registrants for the Period of April 16, 2007 - July 20, 2007

Able, Jan Mark, PE	Jinright, III Perry Clyde, PE	Sidlo, Michael, PE	Tuberville, Richard Alan, EI
Ackley, Amon Daniel, PE	Joffrion, Brad Jude, PE	Solman, Jeffrey Lawrence, PE	Tyler, Charles Stuart, EI
Albertson, Tyler J., PE	Jones, Warren Raymond, PE	Smith, Adam Martin, PE	Valenciano, Eric Michael, EI
Alciatore, Jr. Henri A., PE	Karins, David Geoffrey, PE	Snowden, Kevin W., PE	Veazey, Jared Anthony, EI
Al-Raoush, Riyadh L., PE	Kasarapu, Ananta Kumar, PE	Somers, Samuel Theodore, PE	Vides, Carlos Rene, EI
Anderson, Richard P., PE	Katam, Reuben Pradeep, PE	Springer, James Edward, PE	Vila, Curtis A., EI
Arino, Dwayne Rene, PE	Keig, James Nelson, PE	St. Pierre, Travis John, PE	Vo, Dang H., EI
Audi, Andre, PE	Kennedy, Barry Jason, PE	Stein, William C., PE	Waguespack, Randy Paul, EI
Babbitt, Felipe, PE	Kerwin, Kevin Miles, PE	Stringer, Scott Steven, PE	Wallace, Randal Lee, EI
Ball, Darryl Gordon, PE	Khalilieh, Sam S., PE	Thomas, William Anthony, PE	Watson, William David, EI
Barrett, Bart Byron, PE	Khurd, Nandan Murlidhar, PE	Tinder, Joseph B., PE	Wesson, Daniel Nicholas, EI
Barry, James Michael, PE	Kim, Do-Hwan, PE	Torvik, Terrin B., PE	Wilkes, Matthew Paul, EI
Beard, Richard Allen, PE	Kimble, John Edward, PE	Trauner, Theodore Joseph, PE	Williamson, William Joseph, EI
Begin, Richard Donat, PE	Koch, Nancy Lee, PE	Unserfer, Brian Jeffrey, PE	Willis, Michael Dean, EI
Begley, James P., PE	Koutnik, Theresa Ellen, PE	Urgen, Aykut, PE	Wissing, Michael Robert, EI
Bice, Kent Michael, PE	Krause, William Douglas, PE	Vannoy, Donald Wayne, PE	Wright, Matthew Thomas, EI
Bills, Randall Edgar, PE	Krauth, Thomas M., PE	Vespe, Rocco R., PE	Zhang, Zhengzhong, EI
Bines, Rasaan Jameel, PE	Lanning, Shane Russell, PE	Wei, Lei, PE	
Bird, Jon Ryan, PE	Laughlin, Amanda Ames, PE	Weiland, Scott L., PE	Alper Audi, Inc., EF
Birk, Lothar, PE	LeBlanc, Mark Abel, PE	White, Christopher Matthew, PE	American Structurepoint, Inc., EF
Bishop, Tony Harold, PE	LeBlanc, Renee Magnolia, PE	Williams, Michael E., PE	BC Engineering, L.L.C., EF
Boehnen, Thomas R., PE	Lebet, III Cullen Joseph, PE	Williams, Stafford Hoyt, PE	Careba Mott MacDonald, L.L.C., EF
Bosch, Mandie Tabor, PE	Lee, Pin-Shi Peter, PE	Wilson, Kevin Michael, PE	Coler & Colantonio, Inc., EF
Bradley, Bruce Aldrige, PE	Lenker, William R., PE	Wong, Daniel On-cheong, PE	Compliance Enviro Systems, L.L.C., EF
Brown, Richard Diamond, PE	Lestrangle, Francis Joseph, PE	Zhang, Yan, PE	Crown Castle USA, Inc., EF
Burleson, Russell A., PE	Li, Xiangang, PE	Zupan, Joseph Allan, PE	Crumb Engineering, L.L.C., EF
Carder, Douglas Glenn, PE	Liesch, David Carlton, PE		Deep Creek Engineering, L.L.C., EF
Carmichael, Brian Anthony, PE	Ling, Michael Bryan, PE	Ngo, Tuan Anh, EI	Dunaway Associates, L.P., EF
Chen, Jerry Ching Feng, PE	Little, Christopher Alan, PE	Nugent, Rick Alton, EI	Ebmeier Engineering, L.L.C., EF
Chetrit, Guy, PE	Loeske, Jacob M., PE	Obilo, Obinna O., EI	Engineering Elements, P.L.L.C., EF
Christopher, Warren John, PE	Loomis, Joseph Edward, PE	O'Meara, Paul Patrick, EI	Excell Communications, Inc., EF
Cole, IV Samuel Dixon, PE	Lopez, Jeff A., PE	O'Rear, Christopher Michael, EI	Fagen Engineering, L.L.C., EF
Collins, David Michael, PE	Luebker, Raymond Herman, PE	Owens, Sarah Elizabeth, EI	GeoEngineers, Inc., EF
Collins, Kenneth Joseph, PE	Lumsden, Jr. George W., PE	Palmer, Jason Henry, EI	Hailey/Advent Industrial Services, L.L.C., EF
Compton, Robert Burnette, PE	Madorsky, Mark Howard, PE	Patton, Heather Deare, EI	HDR Engineering, Inc. of the Carolinas, EF
Cornett, James Christopher, PE	Marbry, Clayton M., PE	Patton, Micah Matthew, EI	Hostetler Johnston, L.L.C., EF
Cowen, Aaron Justin, PE	Markham, John Robert, PE	Perry, Jonathan Kendall, EI	Infrasource Engineering Company, EF
Coye, Fernando E., PE	Martin, August Wayne, PE	Peters, Ryan Ralph, EI	Interlynx Group, L.L.C., EF
Cromer, Michael Jackson, PE	Mayeda, John Robert, PE	Petrus, Jane Ann, EI	Interstates Engineering, Inc., EF
Dabkowski, Adrian K., PE	McCarty, James M., PE	Portillo, Rocky Lee, EI	JADE Consulting, L.L.C., EF
Dallery, Robert L., PE	McCumsey, Matthew Kenneth, PE	Quinteros, Milton Ivan, EI	Kleinfelder Central, Inc., EF
Dapp, Steven D., PE	McKay, Shaun Eugene, PE	Raaz, Dean P., EI	LFR, Inc., EF
Dawson, William Royal, PE	McMenis, James Robert, PE	Ray, Daniel Robert, EI	Michael K. Swim Consulting Engineers, Inc., EF
DeFazio, Robert, PE	McReynolds, James Bryan, PE	Reed, Stephen Michael, EI	Moore Engineering Enterprises, L.L.C., EF
DeLeon, Marco A., PE	Meyerson, Richard M., PE	Reichard, Brian James, EI	MRP Engineering, L.L.C., EF
Dixon, William James, PE	Mongitore, Donald A., PE	Reid, Aaron Brandon, EI	Mustang Tampa, Inc., EF
Dollerschell, Clayton J., PE	Montgomery, Jerald Christopher, PE	Rhodes, John Daniel, EI	Nash Lipsey Burch, L.L.C., EF
Donaldson, Richard Edward, PE	Moreland, Jeffrey Bernard, PE	Rister, Michael Carey, EI	Page McNight Associates, Inc., EF
Dryden, Burton Edward, PE	Morris, Robert Nicholas, PE	Roberts, Kwami Kennatto, EI	Pearson Kent McKinley Raaf Engineers, L.L.C., EF
Duffoo, Sara Josefina, PE	Moskowitz, Michael, PE	Roberts, Paul Lewis, EI	PEC Structural Engineering, Inc., EF
Dunker, Curt M., PE	Mostafa, Golam, PE	Rodriguez, III Ronald Louis, EI	Planeng, Inc., EF
Dziuba, Lindsey Liles, PE	Murday, Ted Alan, PE	Rogers, Beaumont Jordan, EI	PPI Technology Services, L.P., EF
Ebihara, Tatsui, PE	Murray, Patrick Edward, PE	Roukes, Ned J., EI	Precision Steel Detailing, Inc., EF
Evans, Charles Earl, PE	Norfolk, Ian, PE	Rosche, Jr. John Larry, EI	Rast Dallery Engineers, P.C., EF
Farlow, Thomas Wilson, PE	Normile, Thomas J., PE	Rourke, Michael Frank, EI	Semaan Engineering Solutions, L.L.C., EF
Fehl, Barry D., PE	O'Connor, Christopher Shawn, PE	Saikia, Parashar, EI	Stokes & Spiehl USA, Inc., EF
Feng, Xuefei, PE	O'Neal, Chad Barrett, PE	Sammmons, Gregory Scott, EI	Sun Engineering & Construction Management Corporation, EF
Fish, Richard Lee, PE	Patchell, Edward Winslow, PE	Scairono, Anthony Joseph, EI	Teledyne Brown Engineering, Inc., EF
Fitch, Paul M., PE	Patterson, Jeffrey D., PE	Schexnayder, Jacob Jude, EI	Ventech Engineers International Corporation, EF
Foreman, Scott Aaron, PE	Paz, Oly Diana, PE	Schluender, Julie Marie, EI	Willett, Hofmann & Associates, Inc., EF
Fox, Jonathan Nicolas, PE	Peacock, Bryan V., PE	Schorer, Alyssa E., EI	Zephyr Environmental Corporation, EF
Frage, Nicholas P., PE	Pecoraro, Jr. Angelo Joseph, PE	Schroth, Scott Michael, EI	
Fu, Haoqiang, PE	Pecoraro, Grant C., PE	Senkel, Jesse William, EI	Angelette, Neil Bradford, PLS
Garrett, Rex, PE	Peel, Joe Wade, PE	Silvio, Keith Ryan, EI	Buedel, Scott D., PLS
Gartner, Geoffrey Wayne, PE	Penoyer, Douglas Grant, PE	Simmons, Stephanie Lauren, EI	Gardner, Mike, PLS
Gauthier, Jeffery James, PE	Portera, Joy Ferguson, PE	Simpson, Jared Thomas, EI	Hill, Thomas Marshall, PLS
Gillen, Dain Roland, PE	Preson, Earl Wayne, PE	Sledge, Corey Wilson, EI	Howard, Derek Kyle, PLS
Glenn, III Donald W., PE	Preusch, David P., PE	Slovensky, Michael Brooke, EI	Legendre, Gerard Michael, PLS
Goodrich, Warren Scott, PE	Ramaker, Terry J., PE	Smith, Erik Alan, EI	Machen, Lasley Stuart, PLS
Greer, Brian Russell, PE	Razavian, Daryoush, PE	Smith, Jeffrey David, EI	Nicholas, Shane John, PLS
Griffin, Michael James, PE	Razo, Andre Antonio Thomas, PE	Smith, Kevin Gerald, EI	Ronkartz, Brian Mark, PLS
Guilbeaux, James Bean, PE	Ribes, Richard Jason, PE	Smith, Logan Essex, EI	Sharp, Jr. Larry Wilson, PLS
Guillot, Ryan Jude, PE	Rice, Roy E., PE	Smith, Raymond Eugene, EI	Smith, Robert Jay, PLS
Harrill, James Wesley, PE	Richardson, James Lennox, PE	Smith, William G., EI	Toups, III Prosper John, PLS
Hayes, Robert Ryan, PE	Rittenhouse, Thomas J., PE	Sonnier, Benjamin Paul, EI	
Hays, Joshua David, PE	Rodriguez, Lisa C., PE	Stein, Todd Michael, EI	Hogan, Paul Joseph, LSI
Hebert, Jr. Michael David, PE	Rosencutter, William C., PE	Stevenson, Jessica C., EI	
Hebert, Ryan Patrick, PE	Roussel, Blake Severin, PE	Taylor, David Matthew, EI	American Surveying & Mapping, Inc., VF
Hemeyer, Gary Lee, PE	Schapekahn, Jonathan Edward, PE	Teague, Tyler L., EI	CMOR Consulting, L.L.C., VF
Hietpas, Gerald J., PE	Schexnayder, Jr. Glenn Joseph, PE	Theriot, Brady Anthony, EI	JLR & Associates Surveying, L.L.C., VF
Hill, Keith Louis, PE	Schexnayder, John Francis, PE	Thompson, Andrew Svolos, EI	Owen & White, Inc., VF
Hinshaw, Britt Thomas, PE	Schmitz, Timothy Lee, PE	Thompson, Louis Warren, EI	Ronkartz-Oestricher, A Professional Engineering Corporation, VF
Hollon, Terri Jo, PE	Schuler, Brian M., PE	Thompson, Nolan Edward, EI	
Honeyford, Peter Michael, PE	Schunk, Greg S., PE	Titus, Jillian Leigh, EI	
Hovemale, John E., PE	Shakorko, Curtis Earl, PE	Towe, Devin Patrick, EI	
Huyser, Douglas Wayne, PE	Sharma, Yogesh Chandra, PE	Tran, Tuan Anh, EI	
Jang, Ph.D. Ming-Jong, PE	Sherren, Richard Stephen, PE	Treadaway, Shawn Joseph, EI	

REQUIEM FOR REASON

June 30, 2007

SCHOOL OF ENGINEERING
Department of Civil and Environmental Engineering



THE ELIMINATION OF CIVIL ENGINEERING

This old building opened for classes in 1894.
The civil engineering program started in 1894.
The marriage lasted for one hundred and thirteen years.
Today, it is finished.

Generations of civil engineering students
have passed through these portals
bringing joy and enthusiasm and hard work.
Now, the students are gone
and the faculty and staff have departed.
Today, there is only silence.

One retired Professor remains
to close the doors
observed only by a security camera.
What is left are shadows, memories and accomplishments.
This moment in time
demands to be noticed.

Bob Bruce
The Catherine and Henry Boh Chair Emeritus in Civil Engineering

Walter E. Blossey Hall, New Orleans, LA 70118-5698 W 504.865.8778 F 504.862.8041 www.hojm.edu

As the letter from Dr. Bruce eloquently conveys, something of great value was lost when the administration of Tulane University shut down its engineering programs in the Civil/Environmental, Mechanical, and Electrical/Computer Science disciplines. Engineers from these Tulane programs had played key roles in developing the infrastructure that helped drive the economy of Louisiana and the world. Their accomplishments took them to all corners of the earth and improved the lives of countless people. They used their analytical skills to solve the problems of the day, from the industrial economy of the early twentieth century through the information economy of the early twenty-first century. The economic value of what they designed is incalculable.

The justification given for the shut down of the programs was the financial strain caused by hurricane Katrina. The validity of that argument remains a matter of debate, but what is tragically clear is that the loss of the programs will hinder the economic growth of the state and the country. The need for engineers was increasing worldwide prior to the devastation of Katrina and Rita. After the storms, the repair efforts predictably caused a surge in local demand that has persisted to the present and appears likely to last several years into the future. If Tulane had their core engineering programs intact, their future graduates could have found immediate employment locally, nationally, or internationally.

Tulane's remaining engineering faculty is valiantly trying to keep some remnant of the school alive after the blow delivered by the administration, but the loss of even part of this resource represents a failure of reason, and the engineering community must be alert to prevent such occurrences in the future. Members of LES need to become active in making society at large aware of the vital role engineers perform in creating the infrastructure of the economy.

K.H. Nelson, P.E.
Kenneth H. Nelson, P.E.

Charles W. Nelson, P.E.
Charles W. Nelson, P.E.

In memory of
Waldemar S. Nelson, P.E.
Tulane Engineering Class of 1936

PRESIDENTIAL PRIVILEGE

By Scotty J. Baudoin, P.E.



Scotty J. Baudoin, P.E.
*Louisiana Engineering
Society President*

The work of an engineer is often intellectual property that can not be performed by machine or computer. An engineer is a valued natural resource that is not easily replaced. A true engineer is formed through education and experience.

As engineers, we are called to promote engineering to our youth for the future of the profession. We are called to empower their abilities and energy to help guide them to being the professionals of our future. This needs to start when their minds are young and when they have the energy we wish we still had. As parents we formed our own children with a foundation of values that we hope will be used to grow from as they become mature adults. As parents we may have practiced and preached these values to our children through out their life even into their adulthood. Just as we attempt to form a foundation for our own children we need to use this as a model to form a foundation for the engineers of our future. We need to get creative with our young engineers just as we may have had to do with our children. We need to set good examples for the students by being visible to them through work, family and service. Not all of us live near an

engineering college but most of us live near or know engineering students. We need to find them when they are young, preferable years before they graduate from college. We need to be there for them in difficult times and the good times, just as we are with our children.

We need to help guide them through a curriculum that leads to licensure and an education process that is bound with ethical behavior and service to others. Forming this foundation before they are in the workforce will make it easier for them and the engineering profession.

I wish to encourage all engineers to find someone wanting to be an engineer, in the education process of being an engineer or someone who has just graduated as an engineer and be a mentor to them. This mentoring will help build their foundation towards professionalism and will in turn strengthen our great community of engineers.

One approach is for our local chapters to have a good relationship with the engineering colleges in their area. Through this relationship we are able to see the needs of the college and the students. We have an opportunity to become visible and approachable. The connection with the college needs

to be frequent and at different levels including work, play and service. All of this takes time, but most of us take time to work, play and serve others. I encourage you to become creative.

Another approach is for engineers to become visible to our community. We need to be proud of the accomplishments of our fellow engineers and ourselves. Most of us do not wish to "toot our own horns". Our local chapters along with the help of all engineers should take on this responsibility. Spreading the news of an engineer's accomplishments can be done easily through free newspaper and other media opportunities. I challenge you to take notice of the accomplishments of your fellow engineers and help spread this information to their community. Our youth need to see engineers in action.

These are just a few ideas, your ideas to the state and local board members are appreciated and encouraged. Please take the time to help us in this effort.

8HR LIFE SAFETY CODE SEMINAR

September 14, 2007, 8:00am – 4:30pm

Seminar will be held at: Cypress Bend Resort
2000 Cypress Bend Parkway, Many, LA 71449

"DESIGNING WITH THE CODES"

This one day seminar will be a practical exercise of the life safety requirements of the 2006 Editions of NFPA 101 - Life Safety Code and the International Building Code as used in design of projects with multiple use and mixed occupancy buildings.

For registration information please visit our website: www.les-state.org

Or call the LES office at (225) 924-2021

SOCIETY NEWS

By: Brenda Gajan
LES Executive Director



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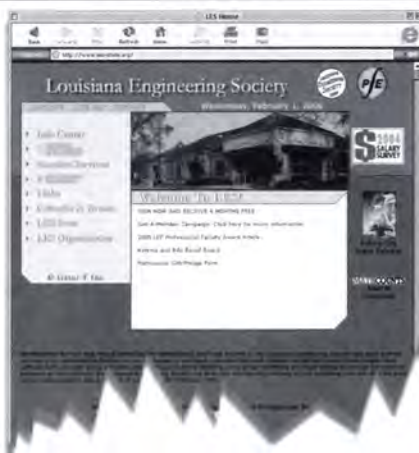
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Gavin P. Gautreau, P.E.
(225) 767-9110
gavingautreau@doth.la.gov

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

Visit Us On The Web

- Order LES products; desk caddies, lapel pins, license plate, Centennial book.
- Membership forms and benefits.
- And much more!



Calendar of Events

August, 2007

- 8 12th JESC Planning Meeting - Lafayette
- 9 Executive Committee Meeting - Conference Call
- 17 Honors & Awards nominations begins

September, 2007

- 14 Life Safety Code Seminar - Many, LA
- 28 LES Board Meeting - Shreveport
- 28 LEF Board Meeting - Shreveport

October, 2007

- 3 12th JESC Planning Meeting - Lafayette
- 10 Executive Committee Meeting - Conference Call

ALEXANDRIA CHAPTER

By: Norman Nassif, P.E.

Board members for the

Alexandria Chapter are:

Norman Nassif, P.E. – President
Mike Campbell, P.E. – 1st Vice President
Joshua Barrett, E.I. – 2nd Vice President
Jason Murphy, P.E. – Secretary/Treasurer



BATON ROUGE CHAPTER

By: Robbie Lear, P.E.

The Baton Rouge Chapter is looking forward to an exciting year. I strongly encourage our membership to take an active role in the Society. We could use your help in our upcoming events such as MathCounts, Future Cities, and E-Week, and also within our public relations, intersociety, student function, and young members committees. Please contact me at 225-298-0800 or rlear@sigmacg.com if you would like to serve LES in any capacity. The following officers are ready to serve you for the upcoming year:

President – Robert Lear, P.E., LSI
President Elect – Dan Rosenquist, P.E.
Vice-President – Geoff Wilson, E.I.
Secretary/Treasurer – Ken Robichaux, P.E.
Director – Gerald Doyle, P.E.
Director – Dave Rambaran, P.E.

On behalf of the Chapter, I'd like to thank Robert Degeyter, P.E. for his service as president for the 2006-07 year. His dedication and commitment to LES lead to a successful and rewarding year.



BAYOU CHAPTER

By: Gene Milford, III, P.E.

Board members for the

Bayou Chapter are:

Gene Milford, III, P.E. – President
Dennis G. Kelley, P.E. – 1st Vice President
Melanie Caillouet, P.E. – Secretary/Treasurer



LAFAYETTE CHAPTER

By: Ben Hawn, P.E.

Board members for the

Lafayette Chapter are:

Ben Hawn, P.E. – President
Beau Desormeaux, P.E. – 1st Vice President
Kevin LeBlanc, P.E. – 2nd Vice President



LAKE CHARLES CHAPTER

By: Don J. Dugas, III, P.E.

Board members for the

Lake Charles Chapter are:

Don J. Dugas, III, P.E. – President
Ted Thompson, P.E. – 1st Vice President
Michael Hollier, E.I. – 2nd Vice President
Curtis Dyle, P.E. – Secretary/Treasurer



MONROE CHAPTER

By: Brian Harrell, P.E.

Board members for the

Monroe Chapter are:

Brian Harrell, P.E. – President
Randy C. Hammons, P.E. – 1st Vice President
Clay James, E.I. – 2nd Vice President
Joshua Hays, E.I. – Secretary/Treasurer



NEW ORLEANS CHAPTER

By: John C. Lawrence, P.E.

Board members for the

New Orleans Chapter are:

John C. Lawrence, P.E. – President
Frank Gallagher, III, P.E. – 1st Vice President
Kevin LeBlanc, P.E. – 2nd Vice President
Bodin A. Hugger, P.E. – Secretary/Treasurer



SHREVEPORT CHAPTER

By: Dennis J. Dean, P.E.

Board Members for the

Shreveport Chapter are:

Dennis J. Dean, P.E. – President
Robert F. Vinet, P.E. – 1st Vice President
Joey Krefft, E.I. – 2nd Vice President
Beth Schatz, E.I. – Secretary
Matthew Wallace, P.E. – Treasurer



JERRY G. LAZENBY, P.E., NSPE FELLOW

LES proudly recognizes the naming of Mr. Jerry G. Lazenby, P.E., P.L.S., as an NSPE Fellow. Jerry is the President of Lazenby & Associates, Inc., Consulting Engineers and Land Surveyors in West Monroe, Louisiana. A 1965 graduate of Louisiana Tech University, Jerry began a distinguished engineering career with the Federal Highway Administration and in 1974 moved to West Monroe and joined the firm of Jenkins and Madden Engineering company which evolved into the current firm of Lazenby & Associates, Inc.

Mr. Lazenby has spent many years serving the engineering community. During an active membership of the Louisiana Engineering Society, he has served as past chairman of the PEPP Division and as past chairman of the Monroe Chapter of LES. Jerry has also served as President, Louisiana National Director and Transportation Committee Chairman for the American Council of Engineering Companies of Louisiana. Additionally, he has had the privilege of serving for six years as a member on the Louisiana Professional Engineers and Land Surveyors Board (LAPELS).



For his contributions to the engineering profession Mr. Lazenby has received numerous awards from the engineering community. Most notable of these awards are the Charles M. Kerr Public Relations Award (LES), the Andrew M. Lockett Civic Affairs Award (LES), the Leo M. Odom Services to the Profession Award (LES) and the A.E. Wilder, Jr. Award for Outstanding Service to the Profession (ACEC/L). In addition to these awards, Jerry has been elected to the position of Fellow in the American Council of Engineering Companies and the Institute of Transportation Engineers. In 1995 he was awarded the Distinguished Alumnus Award in Civil Engineering from Louisiana Tech University and elected as a Life Director of the Louisiana Tech University Engineering and Science Foundation.

Mr. Lazenby also serves his community outside the field of engineering as a member and past president of the West Monroe/West Ouachita Chamber of Commerce and the West Monroe Rotary Club. He and Christine, his wife of 41 years, are active members of First Baptist Church of West Monroe.


LOUISIANA ENGINEERING SOCIETY
A state society of the
National Society of Professional Engineers


9643 BROOKLINE AVENUE, SUITE 116 • BATON ROUGE, LA 70809
Phone: (225) 924-2021 • Fax: (225) 924-2049 • www.les-state.org

May 3, 2007

Kevin E. Crosby, P.E., P.L.S.
2000 North 7th St.
West Monroe, LA 71291

Michael L. Bares, P.E.
8094 Ridgemont Dr.
Pineville, LA 71360

Dear Kevin:

We, the Tellers Committee, duly appointed, met at the LES State Office, 9643 Brookline Ave., Ste. 116, Baton Rouge, LA, at 2:00 p.m., May 3, 2007, and counted the ballots for the election of the 2007-08 LES State Officers. The following are the results:

President-Elect		2nd Vice-President	
Alan D. Krouse, P.E.	142	Michael L. Bares, P.E.	342
Ken Robichaux, P.E.	1	Ken Robichaux, P.E.	1

Secretary-Treasurer		State Directors	
Susan H. Richard, P.E.	341	Tamita Gilbert-Baker, P.E.	109
Ken Robichaux, P.E.	1	David E. Kunz, P.E.	212
Keith Gonzales, P.E.	1	Bijan Sharakhani, P.E.	125
John Lawrence, P.E.	1	Jason T. Thornhill, P.E.	206
		Ken Robichaux, P.E.	1

NSPE Representative	
John J. Plaisance, II, P.E., P.L.S.	335
Ken Robichaux, P.E.	1
Bijan Sharakhani, P.E.	1
Chris Richard, P.E.	1
Dudley Hixon, P.E.	1

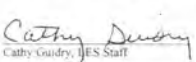
Total Ballots Mailed	1486
Total Ballots Counted	349
Ballots Received Late	2

Signed:


 Robert Degester, III, Chapter President


 Robbie Lear, HR Chapter Representative


 Brenda Gajan, Executive Director


 Cathy Guidry, LES Staff

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2007 TRI-STATE ANNUAL MEETING

Mr. Scotty Baudoin of Lafayette was installed as President of the Louisiana Engineering Society at the 2007 Tri-State Engineering Societies Meeting held at the Sandestin Resort in Destin, Florida. Mr. Bernie



Berson, President-Elect of NSPE, also installed the officers from the societies of Louisiana, Mississippi and Alabama at the Installation Banquet.

The Tri-State Engineering Societies Meeting was once again an overwhelming

success. The Conference offered thirty-six (36) hours of continuing education courses spread over three tracks. The diverse courses offered the attendees the opportunity to receive up to 12 professional development hours.

This year's conference set a record for exhibitors and sponsors. The generous support of these companies allows us to keep the cost of attending the conference at a minimum. Please see the list of exhibitors and sponsors in this issue.

After the sessions, the attendees were free to spend time with their families enjoying the many amenities available at the Sandestin Resort, including enjoying the beautiful beaches, playing golf and tennis or just relaxing.

As with any endeavor, this conference would not have been so successful without the hard work of volunteers. Chris Richard, P.E. served as this year's conference chairman and



was responsible for the excellent selection of CPD seminars offered at the conference. LES Executive Director Brenda

Gajan did a great job organizing this year's event. John Plaisance, II, PE, once again masterfully organized the golf tournament. Forty-eight golfers participated in this year's event, and the winning team consisted of Frank Parker, Dax Alexander and Richard Follette. Many thanks go to Stephanie Krouse for coordinating the spouses program. The LES volunteers worked hand-in-hand

with the volunteers from the participating societies from Mississippi and Alabama.



Planning has already begun for next year's meeting, so make plans to join us next year at the Grand Hotel in Point Clear, Alabama on June 1, 2008.

continued on next page

THANKS GO TO THE TRI-STATE ANNUAL MEETING EXHIBITORS AND SPONSORS

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Asphalt Pavement Alliance
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Clark Associates
Contech Construction Products, Inc.
Danaher Power Solutions
Eagle Point
Engineering Support International
Gulf States Engineering Co., Inc.
Hilti, Inc.
Hobas Pipe, USA
Honeywell
J. H. Wright & Associates
Johnson Equipment Company
Koch Membrane Systems
Kossen Equipment, Inc.
Metallurgical & Materials Technologies

Mid South Erosion Control, LLC
Mississippi DOT
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Orion Marine Group
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THE CRITICAL LINK

by NSPE President Bob Miller, P.E., F.NSPE

The local engineering society chapter is the bedrock upon which the member stands. The chapter may not always be as local as some of us would prefer, and sometimes, thanks to advances in electronic communication, member needs can be met through virtual chapters. But either way, it is our chapter. Where did the concept of local chapters come from? Why do we have them? What do they do, and why should I be involved?

To answer, I'm going to start with my personal experiences and then update that to today. To set the stage, I'm a Boomer, born in 1945.

It's been almost 34 years since I became licensed and involved in the Tidewater Chapter of the Virginia Society. I was ecstatic that I had my PE, and I wanted to get involved in the organization that represented that elite group. I had been involved in the American Society of Civil Engineers and the American Water Works Association, which provided technical balance, but the profession was represented by the Tidewater Chapter. When joining the Tidewater Chapter, I simply wanted to be a part of that elite group and meet other PEs. My goals at the time did not include professional growth and broadening my marketing

and business acumen.

The group was very welcoming, even though older members outnumbered members my age. As I got involved "just as a member," I found new friends and contemporaries who made me comfortable. Later, those friendships resulted in marketing, professional growth, and business, leadership opportunities, plus MATHCOUNTS involvement and much more. Those relationships developed into leadership opportunities, first in the local chapter, then in the state organization, and ultimately at the national level. The balance I was seeking I got from my commitment to the organization (the profession and its elite PE title) and my sense of loyalty. In fact, I got so much, I am constantly trying to give back in some weird attempt at equality that probably makes sense only to me! The overarching concept is pride in the PE and esprit de corps (pride in the group-elite). Simply stated, I came from a group (generation) that believes if you give, you'll get.

Many of you will relate to these feelings, but just as many may not. I have talked to many younger engineers, and several consistent points come up. First, they want to

continued on next page



LES 2008 HONORS & AWARDS

LES will honor eight engineers who have achieved high levels of professionalism, technical ability or civic support. The desire of the Society is not only to recognize the distinguished service of these individuals, but to also encourage and inspire other engineers to take a greater interest in their specific field. Please give serious thought to nominating someone in your professional area of expertise for one of the awards listed below. Nominations should be made through your local chapter and are due to the State Office by November 16, 2007. The eight categories are:

1. **A. B. Paterson Medal for an Engineer in Management**
2. **Andrew M. Lockett Medal for Civic Activities**
3. **James L. Todd Technical Accomplishment Medal**
4. **Leo M. Odom Award for Service to the Profession**
5. **Charles M. Kerr Public Relations Award**
6. **F. Hugh Coughlin Young Engineer Award**
7. **Waldemar S. Nelson President's Award**
8. **Dudley Hixson-Bobby Price National Professional Achievement Award**

NEW MEMBERS

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Brian Crawley, EI
Darren Digby, PE
Maria Gutierrez-Wing, EI
Shawn Luke, EI
Paul Miktus, PE
Dinesh Patel, PE
Keith Spamnetto, PE
Henry Stremlan, PE
Lei Wei, PE

Bayou

James Raub, EI
Ayad Taofik, PE

Lafayette

Coy Courtois, EI

Justin Courville, EI
Karen Hoyt, EI

Lake Charles

Vincent McCoy

Monroe

Randi Spence, EI

New Orleans

Arda Akbiyik, EI
Patrick Booker, EI
James Deslatte, PE
Cesar Lossa, EI
Arlin Louie, EI
Thomas Pittman, PE
Barry Reed, PE

Thomas Reeves, PE
Adam Rogge, PE
Travis St. Pierre, PE

Non-Resident

Madasamy Arockiasamy, PE
J. Michael Barry, PE
Steven Cook, PE
Charles Evans, PE
William Ford, PE
Jerry Helms, PE
Perry Jinright, PE
Kimberly McDaniel, PE
Surya Ravulaparthi, PE
Joseph Tinder, PE

THE CRITICAL LINK, *continued from previous page*

know "what's in it for me?" They often ask: Why should I be involved and how will that involvement be balanced with my other obligations such as work, family, self, and other organizations? Even though the PE is required for my job (profession), what is the relevance of a PE organization run by older engineers who have already completed their careers?

Generally, young engineers feel disconnected from the older generation. They want flexibility to help achieve balance in their lives, and they need instantaneous feedback on issues. Some younger engineers (under 30) like structure and demand leadership from the rest of us. They are ready to take on the world, they have a great can do attitude,

and they want to be part of a winning team! In fact, at the national level of the Society we've seen over and over again that young engineers, when given free rein, are extremely motivated and succeed in accomplishing specific projects and great goals.

So, how do NSPE's approximately 430 local chapters meet these expectations? First, the local chapter is flexible, usually meeting at monthly lunch programs. If a virtual chapter, it is available for blogs and other electronic communications virtually at all times. Second, through the state or national societies, local chapters often offer opportunities for continuing education, which is now required in 32 states. This answers part of the question

continued on page 18

STATE MATHCOUNTS RESULTS

by Gavin Gautreau, P.E.

A team of four middle school Mathletes and their coach represented Louisiana at the 2007 Lockheed Martin MATHCOUNTS National Competition in Fort Worth on May 11, 2007.



2007 Louisiana MATHCOUNTS Team

The students and coach representing Louisiana were: Daniel Cooper, Lake Castle School (Madisonville, LA); Michael Fishman, Boyet Junior High School (Slidell, LA); David Zhang and Zeshum Ahmed both from Glasgow Middle School (Baton Rouge, LA); and Coach Claudia Allums, also from Glasgow Middle. These students were the top individual scorers in the recent Louisiana Statewide MATHCOUNTS Competition.

Each team member has trained since the fall and competed in local and state competitions to earn his spot on the state team. These top Mathletes earned an all-expense-paid trip to Fort Worth where they competed as both a team and individually for the chance to win trophies and scholarships. In order to earn the title of "National Champion" or "National Team Champion" individuals and teams will have to outscore 228 competitors from 57 territories representing all 50 states, the District of Columbia, U.S. territories and Department of Defense and State department affiliated schools.

The top teams in the National Competition were: Texas, Indiana and New Jersey. The Louisiana team placed 39th out of 57 teams. The Individual National Champion was Kevin Chen of TX and the Runner-Up was Ben Kraft of Pennsylvania. Louisiana Team Member, Daniel Cooper placed 52 in the field of 228 competitors.

The winning question was: "On an exam, a student answered 15 of the first 20 questions correctly. Of the remaining questions, he answered 1/3 correctly. If the student answered 50% of all questions correctly, how many questions were on the exam?" Answer: 50

Ms. Claudia Allums, Glasgow Middle School MATHCOUNTS Coach, retired this year after an amazing competition career including many State wins and one National champion. We congratulate her on her retirement, and thank

her for her years of service to MATHCOUNTS.

MATHCOUNTS, a nationwide math enrichment program that combines coaching and competition, is designed to improve math skills among U.S. students. The program targets middle schools because it is a crucial stage in student interest and ability in mathematics. Leadership of the 2007 State MATHCOUNTS program was provided by members of the Louisiana Engineering Society (LES) in association with the National Society of Professional Engineers (NSPE).

In Louisiana, Shell Oil Company is a major MATHCOUNTS sponsor. "Shell is pleased to support MATHCOUNTS. This program fits perfectly with Shell's strategy to support promising students as they pursue innovative projects with an underlying emphasis on math and science." John Hofmeister, President - Shell Oil Company.

The national sponsors of MATHCOUNTS are Lockheed Martin, Raytheon Company, Texas Instruments Incorporated, Northrop Grumman Foundation, National Society of Professional Engineers, 3M Foundation, General Motors Foundation, CNA Foundation and National Aeronautics and Space Administration. The National Society of Professional Engineers, National Council of Teachers of Mathematics, and CNA Foundation founded MATHCOUNTS.

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SCHOLARSHIP COMMITTEE REPORT

By: Susan H. Richard, P.E., Committee Chair

This spring, LES provided five \$1,000 scholarships to engineering students from four Louisiana engineering colleges. The scholarship winners were selected based on their financial need, their academic achievements and their participation in student engineering, civic and community service organizations. Funds for these scholarships came from the LES membership, through annual donations to the LES scholarship fund.

Sixteen applications were received from students at six of Louisiana's seven colleges of engineering. The scholarship winners were: Courtney Lemoine of LSU; Jason Winfrey of Southern University; Joseph Nealy of Louisiana Tech University; and Amy Henschke and Patrick Broussard of UL Lafayette.

In future years, we recommend that additional funding for LES scholarships be solicited through fund raising efforts, such as golf tournaments or a raffle at the annual meeting.

Three graduate level scholarships were initiated through the generosity of Dr. Louis J. Capozzoli, P.E. and his wife Laura. The Capozzolis are sponsoring, through a joint agreement bet-



Joseph Nealy receiving scholarship award from Dr. James Nelson, Louisiana Tech University



Jason Winfrey receiving scholarship award from Dr. Habib Mohamadian and Janifer Peters, Southern University

ween LES and the Rotary Club of Baton Rouge, two \$5,000.00 scholarships each year, and one \$20,000 scholarship each year. LES had the honor of assisting with the selection of the two-\$5,000 scholarships. These are to be awarded to one female and one male Louisiana engineering college graduate who will be pursuing graduate level studies in engineering. Two applications were received for the Laura B. Capozzoli Engineering Graduate School Scholarship, and ten were received for the Louis J. Capozzoli Engineering Graduate School Scholarship. The scholarship winners were Grace Ledet of Tulane and Rick Nugent of LSU. Our sincere thanks goes to Dr. Capozzoli and his wife Laura for this meaningful contribution to engineering scholarship funding in Louisiana!

THE CRITICAL LINK, continued from page 15

"what's in it for me?" But this only scrapes the surface of the deeper return. The relevancy of the PE license and life-long learning is in its meaning among the governmental, construction, industrial, educational, and private sector employers who are demanding higher quality and greater responsibility, from design engineers to managers and leaders throughout their organizations. More and more, the competency that comes with the PE license is a requirement for entrance into job opportunities.

Further, the license and involvement in the local chapter represent a long-term commitment to the profession in

whatever capacity the individual is employed. Leadership opportunities abound in the local chapter through activities like MATHCOUNTS, the Future City Competition, and the Junior Engineering Technical Society. Younger engineers can also prepare for other career opportunities by taking on leadership roles among peers. The local chapter team experiences success through growth, relationship building, mentoring, opportunities for personal achievement, and many other areas. The local chapter, whether virtual or live, is the place where PEs and EIs with can-do attitudes develop professionally into team players, managers, and leaders. The local chapter is where it all begins!

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THE SPEC SHEET

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Warren J. Wilder
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ACEC/L ELECTS TWO TO STATE SELECTION BOARD

The American Council of Engineering Companies of Louisiana (ACEC/L) recently elected two professional engineers to serve staggered terms on the Louisiana Engineers Selection Board. Pursuant to the guidelines originally established by ACT 721 of the 1975 Regular Session of the Louisiana Legislature, the following two member engineers were elected:

Lloyd G. Hoover, P.E., a principal in the Shreveport, LA satellite office of Tetra Tech, Inc. (formerly Maxim Technologies), was elected to serve a term on the Selection Board beginning July 1, 2007 and ending June 30, 2008. He replaces Wynn L. White, P.E., Baton Rouge, LA, who rotates off the board.

H. Davis Cole, P.E., principal in the Baton Rouge, LA consulting engineering firm of H. Davis Cole & Associates, LLC., will replace Fred H. Vanderbrook, P.E., Covington, LA, whose term will expire on December 31, 2007. Mr. Cole will serve from January 1, 2008 through December 31, 2008.

The Louisiana Engineers Selection Board was established in 1975 as an impartial group of professional engineers to award state agency design contracts whose total anticipated construction budgets are greater than \$500,000 and are totally or partially funded by capital outlay. ACT 721 also established the Louisiana Architects Selection Board and the Louisiana Landscape Architects Selection Board. The engineers' board is composed of two professional engineers, serving staggered terms, elected by the Louisiana Engineering Society, two professional engineers elected by the ACEC/L, the User Agency representatives for the particular projects under review for award, and the Director of Facility Planning and Control, who serves as a permanent member of the board.

ACEC/L wishes to sincerely thank Wynn L. White, P.E. for his invaluable efforts to the State of Louisiana and its engineering community for his willingness to accept the awesome responsibility of serving as a member of this most important state board.

ACEC/L HOSTS MEMORABLE ANNUAL MEETING

ACEC/L hosted its 2007 Annual Meeting at the Bluffs Country Club & Resort, St. Francisville, LA, May 31st through June 3rd. A group of over 50 people attended the most delightful event, which opened with an "icebreaker" reception on Thursday evening. On Friday, the spouses went on an all-day tour of the facility, grounds, and surrounding area visiting churches, cemeteries, plantation homes, and shopping at the numerous boutiques in the area. They were treated to a picnic lunch on the grounds of Rosedown Plantation. The engineers attended a day-long seminar presented by well known financial advisor, Colvin T. Matheson, CFA, Matheson Financial Advisors, Inc., Falls Church, VA. The topic, "Building Value in Your Engineering Firm," held the attention of the attendees so much so that the seminar ran overtime by almost

an hour! Phil Pittman, representing FARO Technologies, Lake Mary, FL., hosted Friday's luncheon and demonstrated FARO's new 3-D Laser instrument. On Friday evening, Meeting Planning Chairman, Lee Underwood, Jr., offered a "dutch-treat" supper at Varnadoe's and private tour of the supposedly haunted Myrtles Plantation to over 25 people. The food was great, the "ghosts" were spooky (?), and the tree frogs were loud! On Saturday, a number of members participated in a two-person scramble golf tournament. That evening, the group enjoyed a variety of delicious cuisine including a roasted pig! Jimmy Ledet presented plaques of appreciation to his board members, and the ACEC/L National Director's plaque to John Holtgreve who rotated off the board after several years of service on the board. Incoming President, Lee Underwood presented Jimmy Ledet with the ACEC/L Past President's plaque and introduced the 2007-2008 Board of Governors. In a total surprise to the recipient, the coveted A.E. Wilder, Jr. Award was presented to ACEC/L's Executive Director, Warren Wilder, recognizing his over 30 years of service to ACEC/L. The award was established in 1976 as a tribute to ACEC/L's former executive director who passed away suddenly early that year, and it is presented to an ACEC/L member who is not serving on the board at the time of nomination, chosen by the award's past recipients, for extraordinary contributions of service to the organization. The Annual Meeting concluded on Sunday morning with a brief board meeting. The event was hailed as one of the most delightful and memorable ones ever planned and realized. Very special thanks goes to Lee Underwood, Jr., P.E., BALAR Associates, Inc., Shreveport, LA, who planned the entire meeting (from beginning to end)! A great job well done, Lee!

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ACEC/L proudly introduces your 2007-2008 Board of Governors:

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FYI – ACEC/L has a new e-mail address – acecl@acecl.org. Please make a note and update your address books!
 It used to be cecl@bbipmail.com, but strike that one. It is now acecl@acecl.org.

WELCOME, NEW MEMBERS!

ACEC/L welcomes several new members that have been inducted within the past several months.
 CH2M HILL, 304 Laurel Street, Suite 2A, Baton Rouge, LA and 1515 Poydras Street, Suite 2110, New Orleans, LA, satellite offices whose headquarters office is located in Englewood, CA. Principals include Dr. Seema Alim, Steve Mathies.

MONROE & CORIE, INC., 11325 Pennywood Avenue, Baton Rouge, LA. The firm offers Civil and Mechanical Engineering services. Principals are William C. "Bill" Monroe and Craig H. Corie.

LEVINGSTON ENGINEERS, INC., 510 S. Cities Service Hwy, Sulphur, LA. This multi-disciplinary firm offers services in Electrical, Civil, Structural Engineering, Piping, Instrumentation, Mechanical and Chemical Engineering. Principals are Mark G. Nixon, Ernest Levingston, and Dan Leveque.

THOMAS & LUTH, INC., 636 Highlandia Drive, Suite D, Baton Rouge, LA. Services that are offered include Structural Engineering and Consulting Engineering. Calvin C. Thomas, Jr. and Gregory P. Luth manage the company.

DESIGN TECH ENGINEERING, LLC., 112 Innwood Drive, Suite C, Covington, LA. Dale A. Phillips manages this Civil/Structural Engineering company.

MICHAEL BAKER, JR., INC., 2600 Citiplace Drive, Suite 450, Baton Rouge, LA with headquarters office located in Moon Township, Pennsylvania. The Baton Rouge office is managed by William D. "Doug" Burgin.

OPTIMUM CONCEPT CONSULTING, LLC., 3500 N. Causeway Blvd., Suite 210, Metairie, LA, offers Civil/Structural Engineering and Project Planning. Patrick C. Flower is the Owner/President.

JOE H. HARMAN AND ASSOCIATES, LLC., 515 Highland Oaks Drive, Baton Rouge, LA. The firm offers Civil and

Environmental Engineering. Harman was previously a principal in Professional Engineering Consultants Corporation until his retirement and the establishment of his own company.

JEFF RALEY AND ASSOCIATES, INC., 4913 Shed Road, Bossier City, LA. The firm offers services in Civil and Structural Engineering and Land Surveying. Principals include Jeff Raley, Travis A. Sturdivant, and Paul B. Cormier.

CRAIG HEBERT ENGINEERING, LLC., 2812 Broken Arrow Road, New Iberia, LA. This Electrical Engineering firm is managed by Craig A. Hebert along with Ernest Breaux, Jr., Philip Breaux, Johnny Byrom, Tommy J. Breaux, Robin Menard, and Warren Shepherd.

If you by chance run into these principals or if you are in need of services that are provided by these firms, please make them feel welcome or contract with them as a joint venture or sub-consultants.

As the result of its aggressive Membership Development campaign, ACEC/L was one of several Member Organizations to garner one of ACEC's Membership Development Awards for achieving the member firm employment growth goal. The awards were presented at the recent ACEC Annual Convention in Washington, D.C.

LICENSING REQUIREMENT...

Quite often professional engineers, both members and non-members, call the ACEC/L state office inquiring about engineering licensure requirements. I thought it would be appropriate to put those requirements here in the ACEC/L article.

During each biennial registration renewal period, every engineering registrant, including those registered in two or more branches, is required to obtain 30 PDHs in engineering related activities.

At least one PDH shall be in professional ethics. Professional ethics concerns the standard of professional conduct and responsibility required of a professional engineer.

A minimum of eight PDHs shall be earned in Life Safety Code, building codes and/or Americans with Disabilities Act Accessibility Guidelines by every engineering registrant who design buildings and/or building systems.

During each biennial registration renewal period, each DUAL registrant shall obtain 30 PDHs; however, at least one-third of the PDHs shall be obtained separately for each profession.

If a registrant exceeds the biennial registration renewal period requirement, a maximum of 15 PDHs may be carried forward into the subsequent biennial registration renewal period. (Title 46, "Professional and Occupational Standards," Part LXI, "Professional Engineers and Land Surveyors," Section 2005, "Requirements.")

Now, take out a pencil and a sheet of paper for a pop quiz!

These are the requirements for licensure renewal in a nutshell, perhaps oversimplified. If you have any specific questions, please contact the Louisiana Professional Engineering and Land Surveying Board (LAPELS), the Registration Board, at (225) 925-6291. Donna Sentell is the Executive Secretary. Robert Eddleman is the Chief Enforcer, or, really, any of the staff members will be glad to work with you to get you the answers you seek.

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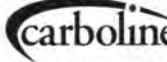
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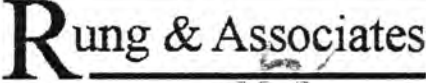
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On June 20th, LSPS began what we hope will be an annual event. LSPS day at the Capitol was a chance for the society to gain recognition and publicity among the state's elected leaders, let them know what issues we face and what they can do to help us, and vice versa.

The Rotunda, the area between the Senate chamber and House chamber, was reserved for our use for this day. The society had a display booth with handouts on surveying facts, magazines and displays of surveying equipment. We were joined in the Rotunda with display booths by the Nicholls State University Geomatics program, LSU Center for Geoinformatics and Navigation Electronics. The Nicholls State Geomatics booth had information about the program and displays of student work, similar to that on display at the convention. Thanks to Dr. Balaji Ramachandran and the Geomatics students who attended. Thanks also to Tony Cavell, who brought an impressive display of the work being done by C4G across the state, showing the CORS network that has been established and what is proposed. Lee Drennan with Navigation Electronics brought an impressive display of the most current surveying equipment including robotic total stations and the latest GPS equipment, which provided a contrast with the earlier equipment on display. Thanks to Lee and Navigation Electronics, a long time supporter of LSPS. All of these displays were in a high traffic area and really showed what not just LSPS, but surveying in general, is all about.

Also on this day, LSPS sponsored a luncheon in the Senate Dining Room for invited Senators and Representatives. While the turnout was low due to many committees being in session, we were happy with the turnout for this and it offered a chance for some "one-on-one" time with these legislators. Those stopping by the luncheon included Senators Robert Adley, Sherri Smith Cheek, Ann Duplessis, Reggie Dupree, Nick Gautreaux, Ken Hollis, Lydia Jackson, Mike Michot and Ben Neviers and Representatives Rick Gallot and Mike Powell. We feel that this was a very beneficial event that will grow in time and pay the society dividends in the future.

The highlight of the day was being recognized on both the House and Senate floors. All in attendance representing LSPS were led to the floor of each chamber and each individually introduced. A proclamation was read declaring LSPS day by each chamber (copies of these proclamations are on display at the LSPS office). With this event taking place so close to the end of the session, both chambers appeared to be full and provided the society with a great amount of recognition. Special thanks to Senator Gautreaux and Representative Gallot for sponsoring our proclamations.

I would like to thank all those who took the time out of their busy schedules to attend this event: Lyles Budden, Kevin Burdeaux, Steve Estopinal, Doug Filler, Ryan Fuselier, Paul Kocke, Frank Messinger, David Patterson, James Pellegrin, Donna Sentell and Walter Stone. Special thanks to Steve Flynn, Ronda Courville and Jane Burgin for their hard work making this day a success.

Dues

After a proposal by the LSPS board and a mail ballot by the general membership, dues have been increased for the first time since at least 1988. Thanks to all the members who participated in the mail ballot. The results were 141 to 18 in favor of the increase. The change

as it is today is as follows. District dues were abolished. Each Registered Member's dues were increased from \$65 per year to \$100 per year. Of that \$100, twenty will be sent to that member's district for the use of that district. The extra monies will allow us to continue to do things such as LSPS Day at the Capitol and other things to promote the society and the surveying profession.

New LAPELS Member

This year, two professional land surveyors (not sponsored by LSPS) rotated off the LAPELS board. Richard I. Durrett, P.E., P.L.S. and Dr. Kenneth L. McManis, P.E., P.L.S. had been working with the surveying committee of LAPELS and we want to thank them for their service. According to Donna Sentell, LAPELS Executive Secretary, new appointee Richard Savoie, P.E., will be working with the surveying committee. We congratulate Mr. Savoie on his appointment and look forward to working with him in the future.

NSU Geomatics Advisory Committee Meets

On May 16th, a meeting of the Advisory Committee for the Geomatics Program at Nicholls was held on the campus in Thibodaux. Those in attendance included Charles Coyle, Steve Estopinal, Jack Farmer, Morris Hebert, Ricardo Johnson, Jack Stelly and myself. In attendance from Nicholls State were Dr. Terry Dantin, Dr. Balaji Ramachandran, Dr. Badiollah Asrabadi and Dr. Carroll Falcon.

This spring brought the completion of the fourth year of the program and the first two graduates of the program, Mr. Patrick Mokhtarnejad and Ms. April Giovanni. There are four more projected to graduate in the fall. There are a total of 52 students enrolled in the program. A strong incoming class of 15 freshmen is expected along with six transfer students at the sophomore or junior level. Also, a third faculty position has been filled. Mr. Maurice Temfack will join the program in the fall of this year. Recruiting efforts are strong with two events held on campus this year, the Science Olympiad and GIS Day. Also, donations by LSPS and Apache Corporation have been made specifically for recruitment efforts.

The computer lab for Geomatics is now funded. The funds came from the Board of Regents in the amount of \$172,799. This was attracted in large part due to the \$30,000 donation from the LSPS Every Member Campaign. The University was able to add \$20,000 to our donation to attract the fees and the Geomatics faculty is grateful to those who donated. Also, Chustz Surveying and T. Baker Smith have made donations of equipment and texts. Navigation Electronics and Trimble have renewed the loan agreement on surveying equipment for another year as well. New scholarships were received from C.L. Jack Stelly and Associates, Fugro Chance, Inc. and T. Baker Smith, Inc. to go along with C & C Technologies and LSPS scholarships already in place.

Now that the program has graduates, the ABET accreditation process will begin this fall. One of the areas of concern is library holdings, such as journals and reference text books. If you have any of these materials, please consider donating them to the Nicholls Library. Contact Dr. Balaji Ramachandran at balaji.ram@nicholls.edu or (985) 448-4724 for more information. Also, there is a need for Equipment Locker Sponsors. If any business or individual is interested, please contact Dr. Balaji.

2007 CONVENTION REPORT

The 2007 Convention was a great success, and if you were not able to attend then you missed the good food and good times had by all. The Convention Committee members worked hard to make the 2007 Convention interesting and comfortable for the attendees. The hardest worker of all was LSPS's Executive Administrator, Ronda Courville who worked tirelessly and kept the committee on task and constantly reminded us of the "little things" that certainly would have gone unnoticed if not for her organization.



We hope that everyone enjoyed the speakers and want to express our appreciation to all the speakers that participated in the 2007 Convention and the part that they played in making this years convention a success.

Finally, we believe that what contributed most to the success of the 2007 Convention was your participation. We set a record for attendance with over 275 different individuals attending all or part of the convention. We have had many comments on how much they enjoyed seeing "old friends" and meeting new people from around



the State. In addition, our ladies events were a great success. Often times the annual convention is the only time we get to see many friends in the profession. Your attendance is critical to the success of any convention and we (the committee) commend all the attendees for "stepping up to the plate".

We want to take this opportunity to invite you to the 2008 Convention which will be hosted by District 8. The "CENLA" area of



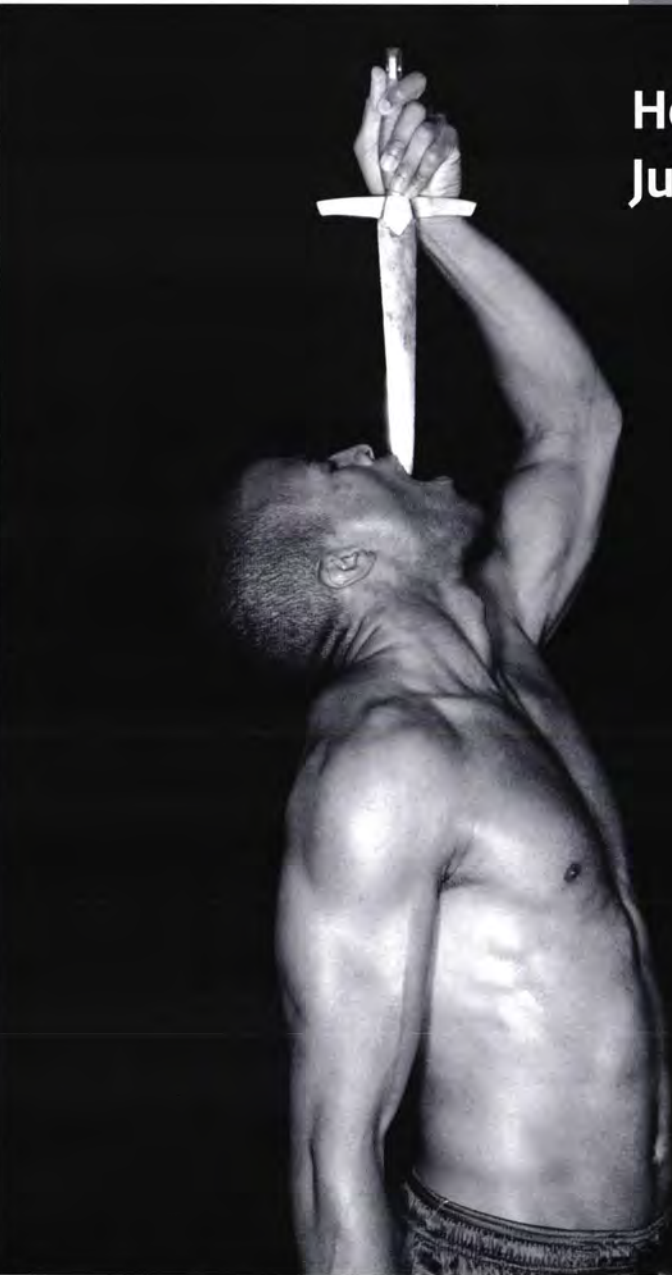
SPECIAL THANKS TO THE FOLLOWING EXHIBITORS FOR PARTICIPATING IN THE LSPS 2007 CONVENTION IN BATON ROUGE:

Alexander & Sanders Insurance Agency, Inc.
Applied Technology Group
Ark La Tex Instruments Co.
Coast Machinery Inc.
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Haag & Trammell, Inc.
LAPELS
LEICA Geosystems
NGS/ LSU Center for GeoInformatics
Navigation Electronics Inc.
NGS
NSPS
Seco Mfg. Co., Inc.



Alexandria and Natchitoches (and many other wonderful communities) is a great location for the convention as it is the "center" of this great State and convenient for everyone. Hope to see you there!

2007 Convention Committee
David L. Patterson, Chairman



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LSPS LOUISIANA SOCIETY OF
PROFESSIONAL SURVEYORS

IN MEMORY OF FRED MORALES

Fred Morales of Ruston, was born on July 18, 1923, and passed away Tuesday, May 29, 2007. A retired Major of the United States Air Force, he had served as a flight instructor in the Army Air Corps during WWII and served in the Air Force during the Vietnam War. A graduate of Texas A&M and a member of the Society of Civil Engineers, and the Louisiana Society of Professional Surveyors, Fred was also an Endowed Chair of Construction Engineering Technology at Grambling State University at the time of his death. A world traveler, he did assignments for the Pan-American Coalition of Civil Engineers in Turkey and in the Marshall Islands with Browne and Root. Before teaching at Jacksonville State University, he was a professor at Louisiana Tech. In addition to his generous, caregiving spirit, Fred was a lover of life and of people, an inspiration in the lives of his children, his grandchildren, and of all whom he met...a befriender of strangers. He lived by the tenets of the Golden Rule and will be a grave loss to all.



Fred Morales

July 18, 1923 - May 29, 2007

Fred is survived by his wife of 61 years, Marion Johnson Morales; his children, Kathe Staser of Baton Rouge, Mike Morales and his fiancée Kelly Manuel of Shreveport, and Garner

Morales and his wife Belinda of Watson. His loving, bereaved grandchildren are Kimari Lunn, Mark Morales, Alyson Staser, Brandon Morales, Dr. Aimee Staser, Blake Morales, Emily Morales, and Tanner Morales; his great-grandchildren are Robert Lunn, Gavin Morales, and David Lunn. He is preceded in death by his brother Ralph Morales of Galveston, Texas.

In lieu of flowers memorials may be made to The Louisiana Methodist Children's Home 901 S. Vienna St. Ruston, LA 71270.

As Geomatics program successfully completes its fourth year (2004 - 2007), we are pleased to announce the first graduates from our program. The first graduates are respectively Ms. April F. Giovanni and Mr. Patrick N. Mokhtarnejad. Ms. Giovanni is a native of Houma, Louisiana and attended Central Lafourche High School before joining Nicholls State University. Even though she enrolled as a nursing major at Nicholls, she soon realized the various opportunities that existed in surveying and mapping field and transferred to Geomatics. She is an active student member of Louisiana Society of Professional Surveyors (LSPS) for the past four years. She also served as the president of the student chapter of LSPS for the academic year 2005. She is currently employed by Apache Louisiana Minerals,



Pictured left to right

Dr. Terry J. Dantin (Geomatics Program Coordinator), Dr. Stephen J. Hulbert (University President), Mr. Patrick N. Mokhtarnejad, Ms. April F. Giovanni, Dr. B. Asrabadi (Dean, College of Arts & Science), Dr. Carroll J. Falcon (Provost and Vice President of Academic Affairs), Dr. Balaji Ramachandran.

Inc. of Apache Corporation as Survey Technician I. Mr. Mokhtarnejad is a native of Thibodaux, Louisiana and attended Thibodaux High School. He is a transfer student from Louisiana State University who initially wanted to be a mechanical engineer. He takes an active role in community service and is also a member of the LSPS student chapter. He is working as a CAD Operator for Morris P. Hebert, Inc. About four students are anticipated to graduate in the fall of 2007. We are really excited with the progress of the Geomatics program with a strong incoming class of 24 students for the fall 2007 semester.

LAND SURVEYING IN LOUISIANA - A HISTORY OF SLOGGIN' THROUGH THE GUMBO - A BROADBRUSH APPROACH

Presentation by Ralph Gipson, PLS

Director of Operations

C.H. Fenstermaker & Associates, Inc. - New Orleans Office

...continued from last issue

3.) On this 29th day of December, in compliance with the foregoing decree, I, Jose Cayetano de Zepeda...went with the witnesses of my assistance Don Jose de la Vega and Vicente del Rio, to the Place called Bayou of the Adais, where the petitioner claims, and has built his house, in order to give to the said Don Pedro Dolet, who is now living on the premises, possession according to the decree; wherefore, being at the designated place on the Bayou of the Adais, and having inquired whether any of the neighbors would be injured by this grant, and having well ascertained that that there was no impediment whatsoever, and that none of the boundaries of the adjacent proprietors intersected or touched those designated by Pedro Dolet in his foregoing petition....I have visited those boundaries, and the land they surround, with the aforesaid witnesses of my assistance, and the said Pedro Dolet, and, taking the latter by the hand, I went with him a certain number of paces from north to south, and afterward from east to west; and then, having let his hand go, he went as he pleased on the said land of the Bayou of the Adais, pulled up grass, made holes in the ground, planted stakes, cut bushes, threw dust into the air and onto the ground, and performed several other things and capers, as evidence of the possession which I had given him in the name of his Majesty, whom God preserve, of the said land....

U.S. Territorial Map 1810



FIG 6

1810

The above described tract was situated in the so-called "Neutral Territory" or Sabine Strip, the no man's land between the Isle of Orleans and Texas. (Figure 6) During Spanish rule, surveying was customarily done with a *cordel*, a rope made with the waxed fibers of the pita plant. If the area to be surveyed was heavily wooded, the method of measurement might well have been a *pasos de caballo*, or by the steps of a horse.

In 1803, Louisiana was returned to French rule for a short period. France then sold it to the U.S. on December 30, 1803.



At that time, the vast majority of Louisiana was devoid of any systematic surveying. Relatively few of the French or Spanish grants had been actually surveyed on the ground. So, the United States government had two immediate problems with Louisiana: the investigation of private claims, or grants which had been issued and completed to various stages of the process of obtaining a patent; and the survey and sale of the public lands. By virtue of the of an Act of the Eighth Congress, the northern boundary of Louisiana, formerly the Territory of Orleans, was set at 33 degrees North latitude west of the Mississippi River. In 1805, Congress officially extended the rectangular system of surveying to Louisiana.(Figure 7) One of the first orders of business was to decide where to start this monumental surveying job. It was decided that the baseline, or east west running reference line, would be the 31 degree parallel of latitude. This line had been surveyed east of the Mississippi River by none other than Andrew Ellicott in 1798. At that time, the 31 degree latitude parallel represented the international boundary between Britain and Spain. Ellicott had performed other high profile surveys, including the completion of the Mason-Dixon line as well as the boundaries of the District of Columbia. Ellicott traveled the Ohio and Mississippi Rivers down to Fort Rosalie, present day Natchez. He conducted a series of astronomical observations and determined the proper location of the 31 degree parallel of latitude on the east bank of the Mississippi River. The job was to mark this boundary easterly, with mounds every mile, all of the way to the Chattahoochee River. As it would have been highly impractical to run a true parallel of latitude in real time,

Ellicott accomplished it by the tried and true method of running a random line easterly by using his compass, understanding that at opportune places along the survey he would make more astronomical observations to determine by how much he had gotten off line. He would then make the necessary corrections in order to properly establish the parallel of latitude. At the Pearl River, Ellicott discovered that his compass line had put him 12.25 poles, or 202.125 feet north of the true position of the 31 degree parallel of latitude. That is not far off the mark, given the distance covered. Ellicott did eventually correct the mileposts along his line. However, he committed one of the cardinal sins of omission in surveying – he did not destroy his initial, incorrect mounds. Subsequent deputy surveyors under contract of the Government Land Office held Ellicott's incorrect mounds as gospel, establishing townships south of this line in the Greensburg District, perpetuating the error. West of the Mississippi River, the 31 degree parallel of latitude was extended westerly in 1806. It was decided to establish a so called Principle Meridian far enough west of the Mississippi River so as to avoid inundation. It was determined that 48 miles would be far enough, equivalent to 8 ranges. The intersection of the principle meridian and the baseline along the 31 degree parallel of latitude is known as the initial point, essentially the point of beginning for the surveying of all of the townships in Louisiana west of the Mississippi River. John Cook, a deputy surveyor of the western district, was given the job of marking the baseline westerly, through the initial point and onward to a position about on the meridian of Nachitoches. The thinking then was that the fledgling U.S. Government did not want to incite the Spanish who of course still controlled Texas. John Cook did a really sloppy job of extending the 31st parallel. He used his compass exclusively and quite poorly one might add. He was as much as 1200 yards off from where he should have been. Again, subsequent deputy surveyors held the erroneous baseline and established numerous townships to the north, south, east and west of the initial point. A deputy surveyor named Thomas Owings ran the principle meridian. It was found that, while his line did not vary significantly from a true north bearing, the length of his chain was found to be off. In 66 miles, he was actually 5/8 of a mile north of where he should have been. Again, the imprecise nature of these surveys took a back seat to the need for the new government to have these lands settled as quickly as possible, due to the unstable political situation in the territory. Here is an excerpt from a letter from Treasury Secretary Gallatin to Isaac Briggs, first Surveyor of the Public Lands South of the State of Tennessee, which included the Territory of Orleans: "...you will perceive that it is the wish of the Legislature that the public lands should be offered for sale in that quarter; and I will add, that that object is considered as intimately connected with the welfare and even the safety of that newly acquired territory. –For it is the only portion where any great increase of American population can take place, and I need not comment on the importance of that object. –It may indeed in this instance be found necessary to sacrifice the scientific correctness which might otherwise be desirable, to the dispatch which is indispensably necessary."

The U.S. deputy surveyors were given detailed instructions regarding how they were to conduct their surveys in the field. The instructions dictated that a Compass of Rittenhouse

Construction was to be used. This was the state of the art surveying instrument in it's day. Distances were measured with a 66 foot long Gunter's chain. The Gunter's chain was made of from 100 links of steel wire, each link being 7.92 inches long. These instructions to the surveyors were updated over the years to address the various problems that arose, two examples of which are illustrated in Figures 8 & 9, being excerpts from two such editions of the instructions.

The 1831 instructions stipulated that "...every surveyor shall note in his field book the true situation of all mines, Salt licks, Salt Springs, and mill seats which shall come to his knowledge, and all water courses over which the line he runs shall pass, also the quality of the lands..."

Most of the deputy surveyors did an admirable job of describing the territory through which they were passing. A few apparently missed the point, however.

James L. Bradford was the deputy surveyor who was contracted by the U.S. Government Land Office to survey Township 4 South, Range 1 West, in June, 1876. This is located around Bayou Nezpique in Evangeline Parish. Bradford evidently didn't read the instructions very carefully. Here are some of his general comments from his field notes describing what he felt

PRINCIPAL DEPUTY SURVEYOR'S OFFICE			
SOUTHWESTERN LAND DISTRICT, STATE OF LOUISIANA			
FIG 8	Opelousas,	March	1830
Mr. Edward R. Downing Deputy Surveyor.			
Sir:			
Along with the printed instructions accompanying and attached to this for your Governance in surveying your District,, You are to attend to and be governed by the following additional ones. (to-wit)			
You will mark a tree in each Section at every established corner with the number of the Section in which it stands with letter S. annexed thereto; and on one of these trees at least the number of the Township and Range in which it stands, with Appropriate letters T and R before as above the figures for which purpose you ought to be provided with good marking irons similar to those used for marking Casks by Coopers and others. You will insert all these marks in your Field Book correctly; you will also take the bearing and distance in links from the corner to at least two of these trees, (one of which should always be the one marked with the number of the Township and Range) which bearings and distances you will note correctly in your Field Book Stating also whether the bearing is taken from the true or magnetic meridian; should any of your corners fall in prairie you may either erect a mound of the dimensions, stated in your contract or else plant a good substantial post at least four inches diameter, of light wood, or some other durable timber, squared and set up so as to front the four sections, with the appropriate numbers marked thereon, and on one side the number of the Township and Range as directed above.			
your Chain carriers must be sworn faithfully and honestly to carry the chain to the best of their skill and judgment and agreeable to your instructions from time to time given them and to make true return of all measurements which they shall execute for you as required by you from time - You will pay particular attention to ascertaining the true and correct variation of your compass from the true Meridian, and insert it your field notes and returns to this office.			
Wishing you all success in your expedition and that you may do credit to yourself as a man of science and to the department, I am			
Respectfully your friend etc			
John Dinamore Sr.			
Principal Dep. Surveyor			

FIG 9

Surveyor Generals Office
Baton Rouge, (La.)
14th. 1844

For

Honorable Thomas N. Blake
Corn. Gen Land Office
Washington
D. C.

Sirr

I have the honor to enclose herewith a printed COPY Of the revised instructions which I have found it necessary to prepare for the information and guidance of my Deputies in the field, for your sanction.

The only material alteration I have required in marking and establishing corners in the field occurs in the directions for prairie surveys, which I have made for the following reasons, viz.

1. That mounds in prairie country are destroyed entirely in a few weeks, owing to the herds of cattle seeking them to protect themselves from the fly and other insects - with their horns and hoofs they soon obliterate all the marks placed at a township corner in connection with a mound - and in two or three years it cannot be distinguished from the surrounding plain or prairie.
2. In the method proposed by me of sinking a pit - the following advantages are attained - If sought by cattle at all, the stake prevents the use of their horns - if the stake is loosened so that they can be free to act upon it, the result is greater depth obtained for the pit, making it more recognized as a land mark - the water which collects in the bottom of the pit, causes the growth of a strong reed grass, which attains from eight to ten feet heights over the grass of the surrounding country, with a much deeper green color - so that a corner can be discovered on foot at two or three miles distance making at all seasons of the year 'a permanent and easily ascertained land mark.

To this change of the establishment of mounds, I think your approval is necessary, and if you deem it proper, I would be glad to have it at as early a day as practicable - in order that I may circulate the instructions - Should it not be approved of, I can restore the old plan, by a marginal note.

I have the honor to be with
much respect

Your obedient servant

F. D. Newcomb
Surveyor General, Louisiana

were the most notable features of the township:

".. The people are almost entirely the descendants of the Acadians, speak French entirely, but few speaking or understanding English, are unambitious, indolent, extremely ignorant, (not one in ten knowing how to read or write or spell his own name), desire no change or emigration, are jealous of invasions of strangers, of what they conceive to be their exclusive right to the grazing which the large tracts of vacant land afford. They raise small quantities of corn, rice, tobacco and cotton, their chief employment being the raising of cattle and small hardy horses or ponies-thousands of each species of animals dot the plains, or roam through the glade of the pinewoods West of the "nez pique"....

....There are some Indians living in the western part of the township, they work a little, hunt a little and ride around and idle a great deal...."

Bradford really seemed to be taking his survey a bit too personally. This is a rare example of a serious digression on the

part of the a surveyor from his role as a measurer and describer of the land. One can only speculate as to why he was in the state of mind he was in. Perhaps he had a toothache; maybe he had lost a bunch of money playing booray with some of the locals the previous evening. I will tell you one thing, though - it is no picnic to survey anywhere in Louisiana during the month of June. Not only is the heat oppressive - the vegetation would have been in full leaf, slowing the progress of the survey. In order to survey a line forward, there would have to be much clearing of underbrush in order to obtain line of sight. This is why most of the township surveys were conducted during the winter months. Considering that the deputy surveyors were paid by the mile and that they had to pay and supply their chainmen and axemen out of this pittance, surveying in June had to be a losing proposition.

There are numerous examples of the hardships faced by the deputy surveyors in the field.

Augustus Phelps surveyed a good bit of Southeast Louisiana, east of the river. An excerpt from his field notes where he is running the East line of T13S-R13E illustrate the type of personnel and manpower issues that we surveyors are dealing with in the present day (Figure 10). Figure 11 is an image from the official GLO plat that was drafted from his notes. Figure 12 is an image from a contemporary topo map of the area.

George O. Elms in November. 1889 made a resurvey of Pecan Island in townships 15 and 16 south, Ranges 1 East & 1 West, and township 15 south, Range 2W. His comments indicate the

a maple S. 53 E. 39.
a small sweet gum N. 73 E. 17
46.00 Enter prairie or marsh.
51.10 came to a large Bayou or river about
one chain wide 40 or 20 ft. deep - climbed
a large willow on bank & set the compass
by which I could see that in running
north I would be obliged to cross &
follow the same river several times
which renders it impracticable to
run this line any farther.
South Line of T. 13 R. 13. Continued.
I also saw N. 10 E. about 2 miles, an
object which appears to be a stationery
mast, or spire & N. 7 E. what appears
to be a house in strip of woods or willow -
More East to East an open view and
infinitum over marsh - looking due
North some willows scattered as far
as I could see. - This marsh or prairie
appears to make to the west of a
North line about one and half or two
miles, intersected with numerous water
courses. - Hands refused to go
any further on this line. - Set post
on bank of Bayou. - A willow S 34 E
W 16 - a do S. 68 E. 12 - Tried to
make offsets, but found I could not
proceed any farther North.

FIG 10



difficulty of working in the marsh country "Knowing that work on the ridge and among marshes along the Gulf Coast could be done only in the winter when there were few mosquitoes and no deer flies, I left Opelousas, on the 17th of November, reached Fresh Water Bayou on the 20th, camped there three days and reached Pecan Island myself and men thoroughly exhausted on the morning of the 24th after spending two nights pulling skiffs through the mud to get our ramp equipment to the land."

Elms further complained of the area: "This marsh like that surrounding the entire island is filled with cut grass from 4 to 7 feet high, the blades on each side are as sharp as razors and make bad wounds which do not heal rapidly. What makes it more difficult to run lines in these marshes are the willows and the buttonwoods, which for 10 or 12 feet of their length are from 1 to 2 feet above the marsh, thickly surrounded by the cut grass. They cannot be seen and one finds him-self trying to force his way through what he conceives to be nothing but the cutgrass when it may be a willow or buttonwood which impedes his progress..."

The next example from the Government Land Office survey files comes from the Lake Boeuf - Raceland Area. By the time Deputy Surveyor Joseph Gorlinski conducted his resurvey of T15SR18E in the year 1857, the New Orleans, Opelousas and Great Western Railroad already had been constructed. The fact that Gorlinski was able to tie in the physical location of the railroad to his running of the section lines proved to be a great help to subsequent surveyors trying to locate these same section lines through the years.

J. Lovell was a prominent surveyor in Southeast Louisiana, primarily Lafourche Parish during the turn of the last century. Lovell was able to recover many of Gorlinski's original corners because of the called distances to the railroad. Frank Waddill was a prominent New Orleans surveyor who also conducted many surveys in this area. Here is an explanatory note seen on one of his plats:

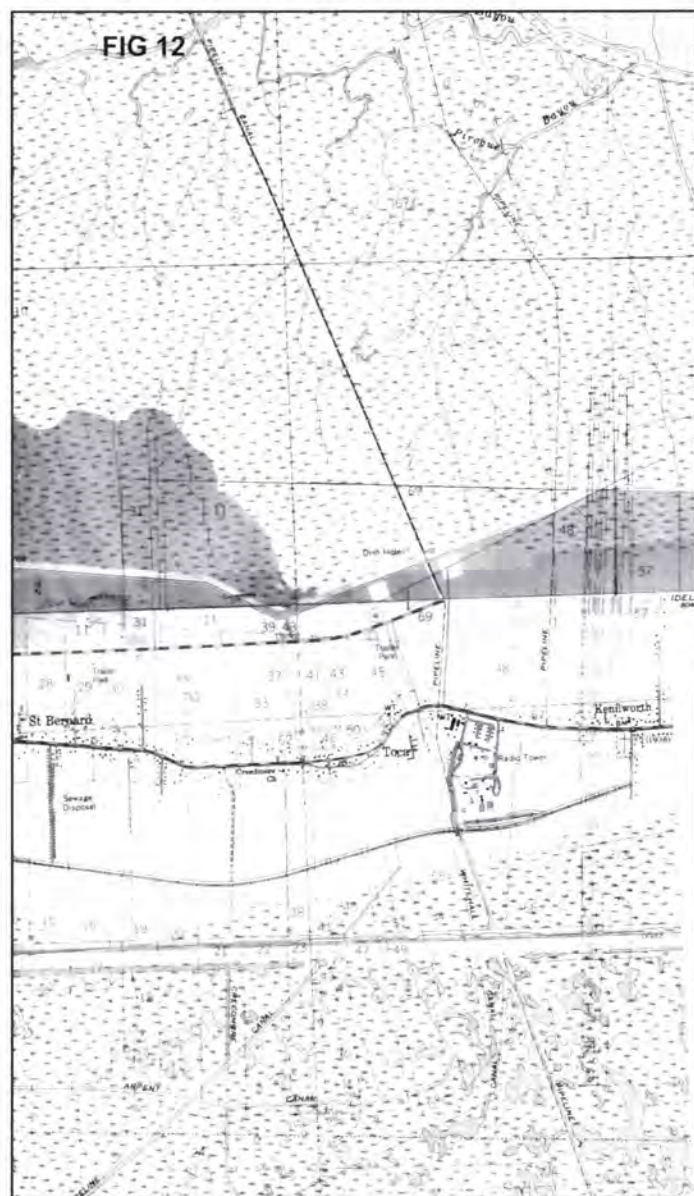
This plan was plotted by latitudes and departures on the same scale as the reduced copy by d'Hemecourt of the plan by Bourgerol of the Vacherie Duque Livaudais. The basis of the plan is the U.S. Survey by Gorlinski and Haucke. It was superimposed upon said d'Hemecourt plan and points on said plan were thus identified on said U.S. surveys and by careful adjustments I was enabled to give distances and direction to Bourgerol lines which

never before had them. This work of mine is the only basis for surveying the lots in the Vacherie Duque Livaudais. It is the most skillful and best piece of work I ever did and should be valued accordingly.

N.O. 18 November 1928 - Frank H. Waddill

Finally, we have an excerpt from a more contemporary survey of the same area. The railroad is still in existence today operated by Union Pacific.

This really brings us to the present day. The contemporary epoch in Louisiana by necessity must be divided into the almost sickening qualifiers "Pre-Katrina" and "Post-Katrina". The August 29 storm was the most significant event in the recorded history of Louisiana. Its impact on surveying in Southeast Louisiana has been phenomenal. Surveyors are now being hounded by media talking heads to explain the new FEMA BFE construction guidelines. Surveyors in the New Orleans area have huge backlogs of Flood Certificate jobs. Our company has been heavily involved in "post-K" forensic surveying. Our customary focus, oil & gas related surveying, has not let up - it continues at a hectic pace. We must pick ourselves up as Louisianians and slog through the gumbo anew.



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PLEASE COMPLETE THE FOLLOWING SPACES

Registration Number: _____

Name: _____
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Home Phone: _____

Business Affiliation: _____ Position or Title: _____

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Business Phone: _____

E-MAIL: _____ Fax Phone: _____

Education: _____
SCHOOL DATE GRADUATED DEGREE

Surveying Experience _____
YEARS

NOTE: A brief educational and professional record must be attached if applicant is not a P.L.S. or P.E.

Member of ACSM: ☐ Yes ☐ No

LSPS Member Sponsor:

Name: _____ Address: _____

Telephone: _____ Signature _____

GENTLEMEN:

I hereby apply for admission into the Louisiana Society of Professional Surveyors as a _____ Member, and agree to comply with the Charter, By-Laws and the Code of Ethics of the Association. Please assign me to the following district:

- | | | |
|--|--|---|
| District 1 – New Orleans ☐ | District 2 – Houma ☐ | District 3 – Lafayette ☐ |
| District 4 – Shreveport ☐ | District 5 – Monroe ☐ | District 6 – Baton Rouge ☐ |
| District 7 – Lake Charles ☐ | District 8 – Alexandria ☐ | District 9 – Covington ☐ |
| | | Out-of State ☐ |

Date: _____

APPLICANT'S SIGNATURE

CLASSES OF MEMBERSHIP

REGISTERED MEMBER

Any person holding a license from the State of Louisiana or any of its agencies authorizing such person to engage in the practice of Land Surveying. Registered Members shall be entitled to vote on all matters and hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$100.00

MEMBER

Surveyors registered in a State or Country other than the State of Louisiana. Members shall be entitled to vote and hold any Office except that of President or Vice-President.

INITIATION FEE \$10.00 ANNUAL DUES \$45.00

STUDENT MEMBER

Any undergraduate student of a college or vocational school recognized by the Board. Student Members shall not be eligible to vote or hold any Office in the Corporation.

ANNUAL DUES \$10.00

ASSOCIATE MEMBER

Any person recognized and so admitted by the Board of Directors intending to become a Land Surveyor, but not licensed by the State of Louisiana or any of its agencies to engage in the practice of Land

Surveying in the State of Louisiana. An Associate Member must attain the Status of Registered Member within eight (8) years of cumulative membership or he shall thereupon be reclassified as an Affiliate Member. Associate Members shall be eligible to vote but not to hold office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

AFFILIATE MEMBER

Any person not included within the definitions above provided in paragraphs 1,2,3 and 4 interested in advancing the cause and aims of the Corporation. Affiliate Members shall not be eligible to vote or hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

SUSTAINING MEMBER

Any firm or individual desiring to support the aims and objectives of the Association, who may or may not be entitled to one of the foregoing classes of Membership, may become a Sustaining Member upon application and approval by a majority vote of the Board of Directors. Sustaining Members shall not be eligible to vote or hold any Office in the Corporation, however, if a Sustaining Member also holds another class or other classes of membership, that Sustaining Member class shall not infringe upon such rights and privileges.

ANNUAL DUES \$150.00

Complete form & return with payment to LSPS at address shown above.

Rev 04-07



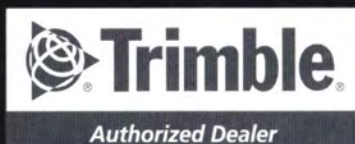
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Louisiana Engineer & Surveyor Journal

November 2007 Vol. 10 No. 4

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CHARLES G. COYLE III, PLS

2007-2008 LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS PRESIDENT



Louisiana Engineering Society

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9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809

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LOUISIANA ENGINEER AND SURVEYOR JOURNAL

November 2007

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Baton Rouge, LA 70809-1433

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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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MESSAGE FROM THE CHAIRMAN

Kerry M. Hawkins, P.E.



Kerry M. Hawkins, P.E.
Chairman

Louisiana Professional Engineering
and Land Surveying Board

Engineering and Land Surveying Exam Development

As I was pondering what to cover in the Board Chairman's Article, I received a request from Tim Miller, the Exam Development Director of NCEES. Tim requested that we spread the word regarding a need for assistance with development of a "new" Civil Engineering Exam. That request is in the sidebar below. As I read Tim's request, I remembered that not too long ago I knew next to nothing about how the licensure exams were developed. In the last year or so I got involved in that process. I have learned a lot and have a lot more to learn. However, I am now convinced that the exams are very fair and are developed by practicing Professional Engineers and Professional Surveyors who know what we do on a day to day basis. In considering NCEES' request for help with the Civil Engineering Exam, I thought you might want to know a little more about the Exam Development process. (When I use the term engineer, surveyor is equally applicable to this effort.)

Each exam has certain specifications and these specifications (and exams) must be reconsidered every 6 to 8 years for relevance. The specifications for an exam are developed by summarizing the results of an exhaustive study, a Professional Activities and Knowledge Study (PAKS study). In a PAKS hundreds of engineers over the country are sent an extensive survey form requesting the amount of engineering knowledge and understanding they use doing their daily activities and work. Information from the PAKS is used to develop the specifications for each exam area in a particular discipline (e.g., for Civil Engineers-closed conduit flow, culvert design, economics, risk assessment, ground water hydrology, etc.)

Based on the particular PAKS, the Exam Committee for the discipline involved is charged with the responsibility of developing exam items (exam questions or problems are known as "items" in exam development terminology) that cover the areas needed in the PAKS derived exam specification. The Exam Committees are made up of PEs from each of the disciplines involved. These PEs are volunteers that come from all over the country. They usually meet at least twice a year for two days at a time. At these committee gatherings some committee members "pretest" the exam questions, some review items to ensure that they are valid and appropriate and have documentation for meeting the exam specification, some write new "items", some assemble exams to meet the exam specifications, and all committee members as a group review each exam prior to completion to ensure that it meets the exam specification and that the items are appropriate. After each exam cycle, exam performance is reviewed, and poor performing items (those items that a significant number of persons answer incorrectly) are reviewed for improvement.

The Exam Committee members represent a broad cross section of PEs. I am personally aware of and am proud of the seven exam committee members from Louisiana that serve on various Exam Committees (Structural, Mechanical, Civil & Environmental). There could well be more that I am not aware of. These are all dedicated engineers who give up vacation time and weekends to work for "free" for the profession helping to develop good exams.

NCEES covers travel expenses for exam writing. One Louisiana Exam Committee member recently commented that "we

work for food!". NCEES frequently has openings for Exam Committee members. Check it out....See the NCEES website (NCEES.org "Be a Volunteer") for details. This is hard work but very satisfying work. I have found that the folks who do this are a great bunch of engineers and surveyors and are extremely enjoyable to work with.

Getting back to the NCEES request for volunteers. After each PAKS study, a new exam is structured and a large panel of engineers is brought together to "test" the exam and to evaluate how well it meets the specification. Numerous volunteers are needed to provide the statistics needed to validate the exam. This is particularly so in the Civil Exam since it has so many "depth" specialties. This is very important work and vital to the development of the new exam. Please take a look. If you meet the requirements for a Volunteer....step up to the plate. I think you will be glad you did.

NCEES Seeking Volunteers for Civil Engineering PE Exam Standard-Setting Study

On May 16-17, 2008, NCEES will conduct an important study related to the Civil Engineering PE examination. It will be a standard-setting study conducted to establish the passing score for the civil examination.

NCEES is seeking more than 75 licensed civil engineers to be involved in the study. The panel must be diverse in terms of geographic locale, age, gender, ethnicity, and area of practice (academia, government, industry, private practice, etc.). The panel must be composed of recently licensed engineers as well as licensed engineers who supervise or manage recently licensed engineers.

NCEES surveyed both academicians and practicing civil engineers in 2005 to determine the topics newly licensed civil engineers should know to be licensed. The results of the survey were used to establish a new specification (topics covered) for the Civil PE examination. The new specification includes a construction engineering module. Also as a result of the survey, water resources and environmental modules have been combined since there was substantial overlap between the environmental and water resources knowledge.

Each time an examination undergoes a specification change, NCEES conducts a standard-setting study to set a passing score for the examination. Participants will develop a standard for minimal technical competency and then actually work the exam and rate the difficulty of each question. Panelists will be asked to devote two days to the study. Travel and lodging expenses will be paid by NCEES in accordance with the NCEES travel policy.

Please contact NCEES by February 29, 2008, if you would like to participate in the study or if you would like to recommend someone to participate. For more information, contact NCEES Exam Development Engineer Susan Cline, P.E., at NCEES by calling 800-250-3196, ext. 479, or via e-mail at sccline@ncees.org.

FROM THE EXECUTIVE SECRETARY

Donna D. Sentell, Executive Secretary

In order to uphold on the mission of the LAPELS board, "to safeguard life, health and property and to promote the public welfare", one of the most enjoyable parts of my job is the opportunity to travel to any of the eight campuses in Louisiana offering engineering and surveying degrees. This fall, I visited with students in several schools to promote the importance of licensure and encouraged them to take the FE and/or FLS. In addition to visiting with students, we receive calls daily from candidates applying for the PE exams or those applying by comity. It's always a busy time as we prepare for an exam cycle. For the October exam, we have 721 candidates registered to take one of the 15 exams offered.

The LAPELS board has been contracting with an exam administration organization, ELSEES (Engineering and Land Surveying Examination Services), since 2001 to handle the administration of the NCEES exams. Nationwide, ELSEES administers the exams in 40 jurisdictions with 130 test sites - Louisiana has 4 of these test sites. This fall ELSEES will hire close to 1,300 proctors to assist with the administration of the exams for more than 24,000 candidates.

We try hard here at the LAPELS office to make the application process efficient and hopefully provide a friendly and helpful environment when applicants have questions. However, due to increased concerns about exam security, applicants have more and more rules to follow; papers to sign, and deadlines to meet. If it has been awhile since you took your licensure examination, things have changed. Exam security is a huge concern for the national council. If an exam is lost or there is a security breach, the inconvenience - not to mention the financial ramifications - would impact thousands of individuals: candidates taking the exams, volunteers who actually develop the exams, licensing boards and ultimately the general public. Limiting the number of people who have access to the exam is one type of security; providing strict rules to all of those taking the exams is another. Applicants are sent information detailing rules for admission. Some of these rules include letting candidates know they must: arrive at the test site in plenty of time - once the doors are closed, candidates cannot be admitted; provide a government issued picture ID; only use approved calculators; personal writing utensils are not permitted - only NCEES issued pencils and erasers can be used; no hats with brims or hoods may be worn; no cell phones, pagers, beepers; and finally candidates must agree to cooperate with any investigation that may result in a suspected exam irregularity.

Once exams are completed, proctors must account for every test booklet and answer sheet in order to ensure nothing was removed from the exam site. Answer sheets are returned to NCEES, reviewed and scored. For this exam administration, candidates should be notified of their scores in about 12 weeks, or soon after the first of the year. The LAPELS board will receive candidate scores about the same time. Scores are reported as pass or fail; numeric scores are not reported. Those failing the exam are issued a diagnostic report showing strengths and weaknesses in the various areas of the exam. After talking and working

with candidates during the application process, we all look forward to receiving the scores. We revel in the triumphs and are saddened when applicants are not successful.

Currently, we are receiving applications for the April 2008 exams. December 1 is our deadline for those wishing to be approved for the spring exams. College students submit their applications to the Deans at their schools. If you are planning to apply for the spring exams, be sure your application is submitted by the deadline and that it is complete. You will need to have your references, work verifications, transcripts, as well as accurate contact information and detailed work experience on your application. In the meantime, we'll continue to field calls from applicants and plan to be a presence on college campuses in January. After all, encouraging licensure is all about safeguarding life, health, property and promoting the public welfare.



Donna D. Sentell
Executive Secretary

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LAPELS Board Meeting Dates

January 7 - 8, 2008
March 17 - 18, 2008
May 19 - 20, 2008
July 21 - 22, 2008
September 15 - 16, 2008
November 17 - 18, 2008



EXAMINATION DATES

April 11 - 12, 2008
October 24 - 25, 2008

APPLICATION DEADLINES

(for first time applicants)

December 1, 2007 for April 2008 exam
June 1, 2008 for October 2008 exam

DISCIPLINARY AND ENFORCEMENT ACTIONS

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



Robert E. Eddleman

The Board continues to investigate alleged violations of statutes and rules which regulate the professional 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/enforcement actions taken by the Board since the last issue of the Journal.

UNLICENSED OFFER AND/OR PRACTICE OF ENGINEERING AND/OR LAND SURVEYING

The Larson Group, an unlicensed firm, was subject to enforcement action by the Board for the unlicensed practice and/or offering of engineering services in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). The firm's employee (who is a non-licensee) practiced and/or offered to practice engineering in Louisiana on behalf of and in the name of the firm, which included preparing and submitting to a city in Louisiana detailed foundation design drawings for a parking structure in Louisiana. The firm has entered into a Consent Order with the Board, wherein it admitted to violations of the above statutes and agreed to pay a fine of \$1,000, to pay administrative costs of \$279.75, to immediately cease and desist the offer and/or practice of engineering in Louisiana until it is duly licensed by the Board, and to the printing of a summary of this matter by name in this publication.

Tristan H. Larson, an unlicensed individual, was subject to enforcement action by the Board for the unlicensed practice and/or offering of engineering services in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). Mr. Larson prepared and submitted to a city in Louisiana detailed foundation design drawings for a parking structure in Louisiana. Mr. Larson has entered into a Consent Order with the Board, wherein he admitted to violations of the above statutes and agreed to pay a fine of \$500, to pay administrative costs of \$559.91, to immediately cease and desist the offer and/or practice of engineering in Louisiana until he is duly licensed by the Board, and to the printing of a summary of this matter by name in this publication.

Timothy F. Gaines, P.E., a Louisiana licensed engineer and unlicensed land surveyor, was subject to enforcement action by the Board for (a) the unlicensed practice and/or offering of land surveying services in Louisiana in violation of La. R.S. 37:698(A)(6), to wit La. R.S. 37:681 and 37:700(A)(1), and (b) failing to include the appropriate preliminary work disclaimer on preliminary work in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI\$2701(A)(4)(b). Mr. Gaines prepared and submitted to a city for permit review a preliminary site plan for a condo and office park site. The plan did not contain the appropriate preliminary work disclaimer. Mr. Gaines has entered into a Consent Order with the Board, wherein he admitted to unintentional violations of the above statutes and rules and agreed to pay a fine of \$2,000, to pay administrative costs of \$273.79, to immediately cease and desist the offer and/or practice of land surveying in Louisiana until he is duly licensed by the Board, to in the future comply with all Board requirements pertaining to preliminary work, to successfully complete the Board's online laws and rules examination and Louisiana ethics examination within sixty days, and to the printing of a summary of this matter by name in this publication.

Gary C. Hart, a non-resident unlicensed individual, was subject to enforcement action by the Board for the unlicensed practice and/or offering of forensic engineering services in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). Mr. Hart prepared and submitted to a client in Colorado a preliminary forensic engineering report

regarding hurricane damage to a school in Louisiana. Mr. Hart has entered into a Consent Order with the Board, wherein he acknowledged an unintentional violation of the above statutes and agreed to pay a fine of \$1,000, to pay administrative costs of \$89.40, to immediately cease and desist the offer and/or practice of forensic engineering in Louisiana until he is duly licensed by the Board, and to the printing of a summary of this matter by name in this publication.

Alexis P. Dumortier, a non-resident unlicensed individual, was subject to enforcement action by the Board for the unlicensed practice and/or offering of forensic engineering services in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). Mr. Dumortier prepared and submitted to a client in Colorado a preliminary forensic engineering report regarding hurricane damage to a school in Louisiana. Mr. Dumortier has entered into a Consent Order with the Board, wherein he acknowledged an unintentional violation of the above statutes and agreed to pay a fine of \$1,000, to pay administrative costs of \$89.40, to immediately cease and desist the offer and/or practice of forensic engineering in Louisiana until he is duly licensed by the Board, and to the printing of a summary of this matter by name in this publication.

Anurag Jain, a non-resident unlicensed individual, was subject to enforcement action by the Board for the unlicensed practice and/or offering of forensic engineering services in Louisiana in violation of La. R.S. 37:681 and 37:700(A)(1). Mr. Jain prepared and submitted to a client in Colorado a preliminary forensic engineering report regarding hurricane damage to a school in Louisiana. Mr. Jain has entered into a Consent Order with the Board, wherein he acknowledged an unintentional violation of the above statutes and agreed to pay a fine of \$1,000, to pay administrative costs of \$89.40, to immediately cease and desist the offer and/or practice of forensic engineering in Louisiana until he is duly licensed by the Board, and to the printing of a summary of this matter by name in this publication.

AIDING OR ASSISTING ANOTHER PERSON IN VIOLATING ANY PROVISION OF THE BOARD'S LICENSURE LAWS AND/OR RULES

Weidlinger Associates, Inc., a non-resident licensed engineering firm, was subject to disciplinary action by the Board for (a) having employees and aiding or assisting those employees in practicing and/or offering to practice forensic engineering in Louisiana without proper licensure in violation of La. R.S. 37:698(A)(12) and (C), to wit La. R.S. 37:681 and 37:700(A)(1) and (b) failing to include the appropriate preliminary work disclaimer on preliminary work in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI\$2701(A)(4)(b). The firm's unlicensed employees (on behalf of and in the name of the firm) prepared and submitted to a client in Colorado a preliminary forensic engineering report regarding hurricane damage to a school in Louisiana. The firm has entered into a Consent Order with the Board, wherein it acknowledged an unintentional violation of the above statutes and agreed to pay a fine of \$2,500, to pay administrative costs of \$89.35, to have the firm's employees immediately cease and desist the offer and/or practice of forensic engineering in Louisiana until they are duly licensed by the Board, to in the future fully comply with all Board requirements pertaining to preliminary work, to have the firm's

continued on next page

supervising professional successfully complete the Board's online laws and rules examination and Louisiana ethics examination within sixty days, and to the printing of a summary of this matter by name in this publication.

PRACTICE OF ENGINEERING AND/OR LAND SURVEYING ON AN EXPIRED LICENSE

David P. Sauls, P.E., a Louisiana licensee, was subject to disciplinary action by the Board for the offering and/or providing of engineering services in Louisiana during the period that his license was in an expired status from April 1, 2005 until April 3, 2007 in violation of La. R.S. 37:698(A)(9) and (16). Mr. Saul's license has been renewed and he has entered into a Consent Order with the Board, wherein he admitted to violations of the above statutes and agreed to pay a fine of \$1,000, to pay administrative costs of \$191.25, to pay all past renewal fees from the date of license expiration to the date of license renewal of \$180, to in the future avoid offering and/or practicing engineering in Louisiana with an expired license, to successfully complete the Board's online laws and rules examination within sixty days, and to the printing of a summary of this matter by name in this publication.

SEALING VIOLATIONS

C.H. Fenstermaker & Associates, a Louisiana licensed land surveying firm, was subject to disciplinary action by the Board for its employee failing to properly seal and sign certain land surveying documents in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2701(A)(4). The firm's employee (on behalf of and in the name of the firm) prepared and issued a boundary survey plat that was not properly sealed and signed by said employee. The firm has entered into a Consent Order with the Board, wherein it admitted to a violation of the above statute and rule and agreed to pay a fine of \$750, to pay administrative costs of \$178.67, to in the future comply with all Board requirements relative to properly sealing and signing land surveying documents, and to the printing of a summary of this matter by name in this publication.

John W. Fenstermaker, P.L.S., a Louisiana licensee, was subject to disciplinary action by the Board for failing to properly seal and sign certain land surveying documents in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2701(A)(4). Mr. Fenstermaker prepared and issued a boundary survey plat that was not properly sealed and signed

by him. Mr. Fenstermaker has entered into a Consent Order with the Board, wherein he admitted to a violation of the above statute and rule and agreed to pay a fine of \$750, to pay administrative costs of \$178.67 to successfully complete the Board's online laws and rules examination and Louisiana ethics examination within sixty days, to in the future comply with all Board requirements relative to properly sealing and signing land surveying documents, and to the printing of a summary of this matter by name in this publication.

Coast Concrete Services, Inc., a Louisiana licensed engineering firm, was subject to disciplinary action by the Board for its licensed employees signing and sealing plans that were not prepared under their responsible charge in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2503(C) and (D), 2505(C) and 2701(A)(3). The firm's licensed employees (on behalf of the firm) signed and sealed plans for single family residences in Louisiana that were not prepared under their responsible charge. The firm has entered into a Consent Order with the Board, wherein it denied a violation of the above statute and rules, but agreed to pay a fine of \$1,000, to pay administrative costs of \$1,765.64, to have its employees in the future avoid signing and sealing plans not prepared under their responsible charge, and to the printing of a summary of this matter by name in this publication. The Board acknowledges that, as a result of the concerns expressed by the firm, it is considering rule changes relating to reviews of single family residential design plans for conformance with state and local building codes.

Jeremy W. Deville, P.E., a Louisiana licensee, was subject to disciplinary action by the Board for signing and sealing plans that were not prepared under his responsible charge in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2503(C) and (D), 2505(C) and 2701(A)(3). Mr. Deville signed and sealed plans for a single family residence that were not prepared under his responsible charge. Mr. Deville has entered into a Consent Order with the Board, wherein he denied a violation of the above statute and rules, but agreed to pay a fine of \$1,000, to pay administrative costs of \$851.23, to in the future avoid signing and sealing plans not prepared under his responsible charge, to successfully complete the Board's online laws and rules examination within sixty days, and to the printing of a summary of this matter by name in this publication. The Board acknowledges that, as a result of the concerns expressed by the licensee, it is considering rule changes relating to reviews of single family residential design plans for conformance with state and local building codes.

MEET THE BOARD STAFF

JUSTIN OWENS

Originally from Dallas, Texas, I have lived in Louisiana since 1986. I married my best friend, Donna, in February 1993.

In October 1992, I was employed by the Louisiana Dept. of Agriculture as a Compliance Inspector. I visited numerous beef, pork, and poultry processing facilities in the Baton Rouge area, and was responsible for enforcing USDA statutes in those facilities.

In November of 1999, I accepted employment from the Manda Packing Company in Baton Rouge as a Quality Control Supervisor. I was responsible for supervising a team that was tasked with inspecting the facility after the cleaning crew had finished its work at the end of each day's production. My team was then responsible for ensuring that the facility was free of any microbial contaminants prior to the start of each day's production.

In August 2006, I was employed by LAPELS and joined the enforcement team in January 2007. My experience with enforcing USDA guidelines has been a great help as I learn the laws and rules that govern the practice of engineering and land surveying. Being a part of the enforcement team has allowed me the opportunities to travel the state and meet the professionals. I look forward to working with all Professional Engineers and Land Surveyors to ensure the safety of the citizens of Louisiana.



NEW REGISTRANTS

Licensed/Certified for the Period of July 18, 2007 - October 15, 2007

Professional Engineers

Aillet, Robert Brandon
 Allen, Jr. Bennie Ray
 Alterini, Paul J.
 Anderson, Wade Thomas
 Baber, John David
 Bandwen, Michael Anthony
 Barac, Radoslav
 Battleson, Daniel Martin
 Bentler, David John
 Bohrman, Byron Arthur
 Borsack, Peter Lee
 Brostrom, Per Mikael
 Brousseau, Guy Bennet
 Brown, David Owen
 Bumgarner, Brad Walker
 Burdin, III John Joseph
 Campbell, Eric Paul
 Campbell, Jeffrey Mark
 Carter, Joshua David
 Cavanagh, Terence Jeffrey
 Champlin, James DeLong
 Chapa, Carlos A.
 Claypool, Robert Douglas
 Cleary, Ryan Patrick
 Coco, IV Salvatore
 Colby, Linda Hileman
 Collet, Charles A.
 Conlin, Jr. Miller F.
 Connelly, Christopher Robert
 Conner, Willis R.
 Copeland, Phillip John
 Craig, Jr. Arvra E.
 Cressy, Ronald P.
 Czaplinski, Richard Edward
 Degasparre, Mark F.
 Delp, Jr. Richard L.
 Donahue, Ryan Wade
 Dumortier, Alexis Pierre
 Duong, Chay Nguon
 Edel, Matthew Thomas
 Elsayed, Ashraf Shehata
 Emond, Bryan Raymond
 Eyre, III Henry Carl
 Fitzgerald, Peter J.
 Flynn, Anthony William
 Foroozani, Kirk Khosrou
 Foster, Charlotte C.
 Franklin, Reynold
 Galey, Michael David
 Giltner, Joan A.
 Gliebe, Stephen Joseph
 Goudarzi, Ardeshtir Sardarpour
 Goudeau, Derrick Shawn
 Graf, Peter W.
 Graff, Dan Bradley
 Hagman, Steven Harrison
 Hall, Michael Melvin
 Hanes, Stanley Douglas
 Harris, Richard Edgar
 Haussmann, Gregory Johannes
 Heine, Robert Phillip
 Herzberg, Dan Robert
 Hodson, John Edward
 Hook, Mark Steven
 Hossain, Akhter Bin
 Howard, Milady A.
 Hua, Xiapin
 Jain, Anurag
 Jensen, Patrick Scott
 Jensen, Wallace Norman
 Kacoroski, Al S.
 Kampmann, Jr. Ernest Henry
 Kim, Hyungsuk
 Kim, Il Hwan
 Koiv, Vello Alexander
 Koogler, Kevin Richard
 Lambert, Jake Daniel
 LaRue, Lance David
 Lazar, Jeffrey John
 LeBlanc, III Edward Louis
 Lofland, Kenneth R.
 Luddy, William N.
 Lyons, Walter G.
 Mangin, Francis P.
 Marks, Ladd Damian
 Maske, Craig Thomas
 McConnell, Kevin Dale
 Mcerlean, John J.
 Miller, Samuel Baker
 Mitchell, Brian Carl
 Moran, III Michael John
 Mulliken, Jeffrey Scott
 Namuduri, Pardhasaradhi
 Nystrom, Kari Ann
 Odegard, David Sigurd
 O'Donnell, Justin Brent
 O'Donnell, Robert James
 O'Donnell, Shasta Dawn
 Olivier, Nicholas Joseph
 Orioles, James Joseph
 Partlow, Peter K.
 Patel, Bakulesh M.
 Patrikios, Gerry Dennis
 Pennington, Robert Lee
 Perez, Lawrence Paul
 Plahovinsak, Michael E.
 Poarch, Warren Hinton
 Powell, James Lawrence
 Renn, Timothy Stephen
 Rezabek, Colleen Ann
 Richard, Ryan Michael
 Ritchie, Henry Lewis
 Roth, Alfred Henry
 Royston, H. James
 Sample, David James
 Sengupta, Dipankar
 Shaffer, Joe Allen
 Shaffer, Joseph Trevor
 Shepperd, Gordon Alexander Bo
 Sills, Steven Carl
 Smalling, Raymond Lowell
 Smart, Michael William
 Smith, Jeffrey B.
 Sparkman, James Thomas
 Sputo, Thomas
 Steiner, Philip C.
 Stodghill, William Hiram
 Stovall, Cecil D.
 Sykora, David Wayne
 Taylor, William Thomas
 Thomad, Mohammed Jiyad
 Thompson, III William Robert
 Tow, Dennis Robert
 Trammell, Matthew S.
 Turk, William John
 Uzman, Zeyn B.
 Van Stone, Jon William
 Vaughn, III Ryan R.
 Vaught, Paul Titus
 Veach, Kenneth Alan
 Venters, David Garrison
 Ver Straate, Thomas J.
 Vinson, Matthew Donald
 Voelkerding, Scott Joseph
 Wang, Lei Qi
 Ward, Jason Lyn
 Warner, Richard Craig
 Whelan, William James
 Whitaker, Phillip Brian
 White, Louis Hunter
 Williams, Joseph A.
 Wiltse, Vern
 Wolfe, Darrell Eugene

Wolfe, Richard S.
 Wolff, James Robert
 Woodruff, James Madison
 Wooten, Buck Allen
 Yanagihara, Masahiro
 Yap, Ian H.
 Young, Robert Lynn

Engineer Interns

Addis, Jenna D.
 Akbiyik, Arda
 Arms, Jason C.
 Aydin, Firat
 Bang, Ricky
 Baudier, Christine Elizabeth
 Bell, Bryan K.
 Benson, Kimberlee Witt
 Bergeron, Zachary P.
 Bourgeois, Heidi Ann
 Boydston, Emily Cecile
 Braham, Anna Lena
 Broussard, Clinton Wade
 Brown, Paul Ryan
 Brunet, Matthew Stephen
 Bryant, Kevin Joseph
 Burris, John Paul
 Chauvin, Benjamin Edward
 Covington, Vallrey Edward
 Dahlen, Jennie Helena
 Daigle, James Michael
 Douglas, Joseph Patrick
 Eveslage, Stephanie Lin
 Fiebrink, Stephanie Kay
 Fillastre, Andre' Frederic
 Fletcher, Crawford Reese
 Florine, Emily Marie
 Guillory, Jeremy N.
 Guillory, II Paul Andre
 Gutierrez, Rafael Angel
 Harris, Patrick Ryan
 Heim, William Moore
 Hickok, James Neil
 Hingle, William James
 Hochstetler, Michael David
 Jackson, Christina Diane
 Johnson, Steven Andrew
 Jones, Brian Keith
 Kelly, Bridget Marie
 King, Jason Patrick
 Koester, Abigail Taylor
 MacLeod, Daniel Lewis
 Malbrough, Lainey Duet
 Malek, Ray Antoine
 Manning, Matthew T.
 Mast, Willem Derek
 Mechling, Hiram Keith
 Melton, James Matthew
 Moan, Kristen Lee
 Moynan, Steven William
 Mumma, Michael J.
 Naquin, Stephanie D'antonio
 Nugent, Justin James
 Parker-Witt, Jill Christine
 Petrus, Ryan Curtis
 Read, Leah Bauver
 Redd, Erik Addison
 Riche, Jr. Chris John
 Richman, Nicholas Bogart
 Robert, Jacques Christopher
 Roque, Sarah Catherine
 Rucker, Isaac L.
 Ryan, James Thomas
 Siddiqui, Naved Alam
 Simon, Jr. Francis Gerard
 Simosa, Jose Carlos
 St. Pierre, Jessica Calix
 Suthar, Amesh G.

Swift, II Charles Richard
 Taqieddin, Ziad N.
 Teweldebrehan, Amanuel Debesay
 Thomas, Nathaniel D.
 Thomas, William Cade
 Thompson, Reilly William
 Trinh, Stephen
 Vose, Thomas James
 Wagman, Emily Ann
 Wiltz, Dena Carmelita

Professional Land Surveyors

Campbell, B. W.
 Caver, Jr. William W.
 Fuselier, Alfred C.
 Karacic, Nijaz
 Spikes, Craig Patrick

Engineering Firms

A & A Engineering, Civil and Structural Engineers, Ltd. L.L.C.
 Alison L. Nissen, LLC
 Altieri Sebor Wieber, LLC
 ATL-SWL Group Inc.
 AW Solutions, Inc.
 Bailey & Son Engineering, Inc.
 Basharkhah Engineering, Inc.
 Brostrom Engineering, PLLC
 CB&I Constructors, Inc.
 Century Engineering
 Cornerstone Environmental Group, LLC
 D. W. Ryckman & Associates, Inc.
 Daniel J. Holder, P.E., Inc.
 Eaton Electrical Inc.
 Ecoscience Resource Group, L.L.C.
 Engineered Solutions International, LLC
 Environmental Technical Consultants, Inc.
 Envirotest, Inc.
 Foresite Group, Inc.
 H & K Engineering, Inc.
 Hendon & Redmond, Inc.
 Keast and Hood Company
 Kenetic Engineering, LLC
 Marine Chemists of Louisiana, LLC
 Mobile Boundary Hydraulics, PLLC
 Moore Control Systems, Inc.
 M-Retail Engineering, Inc.
 Nassif Engineering & Architecture, L.L.C.
 NewFields Environmental & Engineering, L.L.C.
 R3 Design Services, Inc.
 Sabine Storage and Operations, Inc.
 Schiller and Hersh Associates, Inc.
 Shive-Hattery, Inc.
 Skellham Consulting Services, L.L.C.
 Snowden Engineering, Inc.
 Spectro Chem LLC
 Stahlman Group, Inc.
 Stokes & Spiehler Offshore, Inc.
 Stokes & Spiehler Onshore, Inc.
 Stokes & Spiehler Production Services, Inc.
 Structural Engineering Solutions, LLC
 The Ballard Group, Inc.
 Trak Engineering, Inc.
 Universal Engineering Sciences, Inc.
 Watson Ricks Engineering Group, LLC
 Webber/Smith Associates, Inc.

AS OF 3/31/07, THE LICENSES FOR THESE INDIVIDUALS AND FIRMS HAVE EXPIRED. PLEASE NOTIFY OUR OFFICE IF THIS IS NOT CORRECT.

Individuals

Aasen, Jan Aage
Adams, John Denman
Afis, Naim T.
Afis, Naim T.
Alam, Mohammad Shah
Albright, James L.
Albright, Neal B.
Allen, Clark Potter
Alvarado, Gustavo
Antonutti, Renieri
Arts, Christopher Albert
Athavale, Shrikrishn G.
Azar, David G.
Azcarate, Ricardo Javier
Bacci, Jose D.
Baharoglu, Ergun N.
Baharoglu, Ergun N.
Bala, William D.
Banks, Roderick K.
Baumgardner, Debra Roberts
Beach, Donald
Becker, William F.
Becnel, Glenn A.
Becnel, Philip A.
Belanger, Richard J.
Belsom, Edgar L.
Bendall, Robert Houston
Bender, Mark Edwin
Bergeron, Calvin J.
Blessey, Walter E.
Board, Mark Anthony
Boeneke, Paul B.
Boeneke, Paul B.
Bohlmann, W. F.
Bonner, Carl D.
Boston, Lawrence A.
Boudreaux, Wayne J.
Boutwell, Gordon Powers
Breivik, Arne Norris
Briggs, George G.
Brouillette, Gerald Gerard
Brown, Christopher Raymond
Brown, Elizabeth Dolores
Brown, Leroy
Brown, Leroy
Brown, Lynn Curtis
Brown, Thomas F.
Bruce, James H.
Burke, David Mason
Burnitt, Milford Gerald
Bush, Richard Erman
Buxton, Michael Barrett
Calcote, Chester C.
Caldwell, John Thomas
Calhoun, John W.
Calloway, Randall L.
Calmes, John P.
Carbrey, W. L.
Carris, Joseph Alan
Carter, Kevin William
Casbarian, Aramais Ohan
Casey, David G.
Caston, D. C.
Cayll, David Rawles
Chamaa, Adam Saleh
Chandrasekhar, Chiyayarth
Velayudhan
Chaney, Jimmy Wayne
Chapman, R. G.
Chavez, Rufus
Chiles, Chet Connaly
Christian, Keith Earl
Clark, Carrol A.
Clark, Norvall R.
Cochran, Richard Eric
Cole, Larry E.
Coles, Roy D.
Connolly, J. P.
Cooper, James Lewis
Cosgrove, Robert M.
Crockford, Lloyd A.
Czajka, John Paul

Dabadie, James L.
Dalla Rosa, Marvin Gerard
D'Antoni, Blaise S.
Daviet, Claude E.
Davis, Thomas John
De Blanc, Edward M.
Delong, Hugh K.
Dickinson, Matthew Bernard
Dodson, Roy Don
Doherty, Kenneth Wayne
Domangue, Edward J.
Domingue, Ronald Anthony
Donner, Duane P.
Douglas, W. E.
Downs, Donald R.
Durant, Peter Duncan
Durrett, David G.
Ebey, John B.
Eckmann, Donald E.
Elkins, Ormand K.
Ellis, James W.
Elmore, David Gray
El-Zoobi, Majd Ahmed
Endebrock, Robert N.
Engelking, Donald Robert
Erlingsson, Jens
Estabrook, Lee Carr
Eubanks, Elton C.
Everard, Noel J.
Eyermaun, Robert Bernard
Falch, George W.
Falgoust, Gregory Paul
Fereidooni, Fred
Fisher, Thomas E.
Flores, John A.
Focht, John A.
Foster, Charley E.
Francigues, Alan J.
Frankhouser, Homer S.
Frankhouser, Homer S.
Gautreau, Glynn Paul
Gautreaux, Bradley G.
Geoffroy, Gordon Anthony
Gleason, Michael N.
Gonzalez, Jose A.
Goodall, Laurence
Gouldie, Thomas Arthur
Gray, E. M.
Green, James L.
Green, James L.
Gregory, Mahary
Griborio, Alonso G.
Grice, Willis E.
Grice, Willis E.
Griffin, John Marvin
Gunter, Leslie Alan
Habisreitering, Raymond J.
Habisreitering, Raymond J.
Haddad, Roger Joseph
Haley, James Randal
Hall, Scott Alan
Hansen, Robert E.
Harris, Jerry M.
Harrison, John L.
Haviland, William P.
Hazlip, Samuel William
Hazlip, Samuel William
Herbst, H. William
Hilbert, Peter L.
Holloway, Robert Dewey
Hong, Huixian
Hoppe, David Marion
Howell, Franklin R.
Hunzeker, Russell J.
Jabben, Gary D.
Jackson, Thomas Lee
Jay, Lester L.
Jay, William Stafford
Jeanes, Joe W.
Jee, Thomas C.
Jin, Peikang
Johnson, Harold R.
Johnson, J. Craig

Johnson, Jay Kenneth
Johnson, Thomas H.
Keeler, Dewitt Clinton
Keeney, Larry W.
Kelley, Thomas Lawrence
Kerkes, David John
Killingstad, Rolf T.
Killingstad, Rolf T.
Kinchin, Richard W.
Kirby, H. E.
Kotter, James I.
La Carra, Ronald J.
Lambert, Dennis Groome
Lancon, Jeff Joseph
Landes, Spencer H.
Landrum, Henry A.
Landry, Keith G.
Landry, Walter A.
Lane, Carla Stamback
Langlois, Thomas L.
Larsen, Jens P.G.
Lasater, Robert C.
Lasater, Robert C.
Lavie, David James
Lee, Griff C.
Lehman, Edward R.
Liew, Chong Shing
Lightsey, Dudley Carl
Lim, Wanthong Stevenson
Lipp, Robert
Locasito, Frank P.
Loeb, Charles E.
Luckett, Michael David
Lumsden, James F.
Lumsden, James F.
Lunger, Raymond R.
Lutz, C. L.
Lutz, C. L.
Lynn, Gary Alan
Lyttton, Robert L.
Macgregor, Cecil D.
MacQueen, Stephen V.
Madrazo, Carlyle Michael
Mahmoud, Aly A.
Mandal, Arkendra Kumar
Maness, James Randall
Manley, Timothy D.
Marr, Jerry M.
Marr, Jerry M.
Martin, Roy A.
Matthews, William H.
Mauldin, Arthur Denton
McAllister, George P.
McCabe, Patrick J.
McCann, James Patrick
McKee, Dean C.
McMahon, Patrick L.
McMath, Henry G.
Mikle, Franklin O.
Miller, Donald J.
Mineo, Frank Paul
Misra, Ram Daur
Mix, Sydney E.
Moellering, John H.
Moncada, Joseph L.
Moncada, Joseph L.
Monroe, John C.
Monturiol, Johnny
Monus, Frederick L.
Morantini, Luther C.
Moreland, Thomas Douglas
Moring, W. W.
Morris, John Wesley
Morrison, John G.
Moschella, Salvatore C.
Moschella, Salvatore C.
Naquin, Wayne J.
Nash, William S.
Nash, William S.
Neucere, Joseph E.
Newchurch, Edwin J.
Noyes, George W.
O'Donnell, Hugh W.

O'Donnell, Hugh W.
Oliver, Paul Edward
Osborn, William F.
Park, Jinyoung
Parsons, Michael R.
Partridge, Arthur James
Patterson, Joe T.
Payne, Donald
Pelham, James P.
Pelham, James P.
Persing, Theodore Edward
Persons, Benjamin S.
Pesta, Robert Joseph
Peterson, Charles H.
Petrizzo, Cono A.
Pharr, Charles Keith
Phillips, William L.
Pichini, Peter Q.
Pixley, Timothy A.
Pixley, Timothy A.
Pless, Rex T.
Porter, Michael D.
Pressley, C. W.
Price, Ted W.
Price, Ted W.
Rasor, Charles F.
Ray, Asa M.
Ray, Asa M.
Reddy, Pratap P.
Renoe, James William
Reynolds, Charles Randall
Reynolds, William Arthur
Richard, August L.
Robb, Kenneth Warren
Rollins, Charles Hutson
Rotter, Edmund John
Rowen, Charles E.
Ruckstuhl, C. W.
Ruckstuhl, C. W.
Ryckman, Seymour J.
Salamn, Samir S.
Salamn, Samir S.
San Giacomo, Richard Lucien
Schafer, Michael William
Schnatz, Thomas W.
Schreiber, Christopher Howard
Schultz, Michael Alan
Seckinger, Peter Rabun
Senyard, Corley P.
Shah, Surendra I.
Shell, B. F.
Shelton, Stanley C.
Siebert, Glenn H.
Sierra, Jaime Arturo
Sikes, Andrew L.
Simmons, Richard G.
Slazas, Stanley
Sлимп, Robert Joseph
Smith, Casey A.
Smith, J. Jerry
Smith, Jarod Ken
Smith, Robert Kerry
Smythe, Arnold R.
Smythe, Arnold R.
Snell, Larry H.
Sofranko, Jonathan Andrew
Soong, Tsu-Ylin
Spear, John Alvin
Squibb, Paul D.
Stephenson, Susan L.
Stewart, William C.
Stong, Craig F.
Szuter, Eric J.
Tate, Keith A.
Taylor, Brad D.
Tazelaar, Robert Lee
Teer, George Arthur
Thibeaux, John M.
Thiesse, Trav Andrew
Tooke, James H.
Tooke, James H.
Vogt, M. Franz
Vojkovich, Frank J.

Wagner, Stephanie A.
Walters, Gordon Lavon
Waters, John W.
Wathugala, Gamage Wijesena
Wayman, Harry C.
Webb, Jack William
Webb, Stanley Irvin
Webre, Charles M.
Weishar, Stephen Joseph
West, Donald F.
Wetzel, Gary Earl
Whiteside, Steven K.
Whitlock, William David
Whitson, Charles Douglas
Williams, Philip Joseph
Wine, Gregory Roy
Winzer, Charles W.
Woodward, Carl Wayne
Woolley, James M.
Wright, Malcolm E.
Yates, Wayne E.
Youngblood, Jack L.
Zhou, Rejing

Engineering Firms

Advanced Integrated Management Services, Inc.
Advanced Technology Systems, Inc.
Barrish Pelham & Partners, Inc.
Berwanger, Inc.
Centerpoint Energy Pipeline Services, Inc.
Delta-T Project Services Group, L.L.C.
Dykes Electric, Inc.
Earles & Associates, L.L.C.
Engineering & Fire Investigations, Inc.
Englobal Engineering, Inc.
Enviro-Sense, Inc.
Fuselier & Associates, Inc.
Geotechnical Testing Laboratory, Inc.
GLM Incorporated of Mississippi
Howard Needles Tammen & Bergendoff
Hunter Associates, Inc. (Nevada)
J. E. Schexnaider & Associates, Inc.
JBF Engineering & Surveying, L.L.C.
L'Acquis Consulting Enterprises, Inc.
Lance G. Broom, R.E., L.L.C.
Latitude Consulting Engineers, L.L.C.
LEI Systems, Incorporated
Linde BOC Process Plants, L.L.C.
Marmion Mok, L.L.P.
MEITEC, Inc.
Mueller Associates, Inc.
National Tank Company
P R Contractors, Inc.
Parker & Associates, Inc.
Professional Project Services, Inc.
R.M. Carubba Engineering, Inc.
Remote Engineering & Design Company, Inc.
Sepahan Engineering Group, L.L.C.
Site-Blauvelt Engineers, Inc.
Spectrasite Communications, Inc.
Structural Engineers, P.C.
Taggart Engineering, L.L.C.
Taylor Engineering, Inc.
Technip USA Corporation

Land Surveying Firms

Englobal Engineering, Inc.
Hunter Associates, Inc. (Nevada)
J. E. Schexnaider & Associates, Inc.
JBF Engineering & Surveying, L.L.C.
Randall J. Hebert & Associates, Inc.
Shafer, Kline & Warren, Inc.
Tooke Surveying, Inc.

PRESIDENTIAL PRIVILEGE

By Scotty J. Baudoin, P.E.



Scotty J. Baudoin, P.E.
*Louisiana Engineering
Society President*

I recently had the opportunity to visit some of our local chapters. One thing each Chapter had in common is a desire to serve its fellow engineers. This is a common goal for those engineers in leadership in both the local and state levels. We continue to look for ways to promote engineering, promote licensure, and serve engineers. The Louisiana Engineering Society on a local and state level has provided professional development opportunities through the Joint Conference, the Annual Conference and Life Safety Code presentations. The success of these conferences comes from the great support of the membership. While the conferences provide quality educational opportunities at a reasonable cost it also provides revenue for the state and local chapters.

Growth of the Louisiana Engineering Society is of great importance for the growth of the engineering profession. With that in mind we need your support in growing and supporting the society. Your concerns, ideas, requests

and even complaints are important in keeping the society focused and in the right direction. Your service is vital to the success of engineers. Ways to serve include, inviting engineers to join LES, serving as an officer in your society, volunteering for Mathcounts, Future City or as a conference speaker, attending a conference, visiting a university and speaking to future engineering graduates on licensure, communicating to senators and representatives on vital legislation important to engineers and many other ways that you can personally think of. By the way, if you think of creative ways to serve please forward them to a local or state officer.

In the upcoming year we will be joining with LAPELS to promote licensure at various universities. LAPELS presently visits universities and speak to engineering students to encourage engineers to take the Fundamentals of Engineering exam. LAPELS has loaned the students books to assist in taking the test. Your local chapter will be seeking volunteers

to work with LAPELS, please consider volunteering.

The Joint Engineers Conference will be held in Lafayette in January. Information can be found in this magazine and on the LES web site. We will have the pleasure this year of having an open forum discussion with Engineering Deans from our universities. The Deans will join us for the awards luncheon with the forum following. You will have the opportunity to visit with the dean of your university during the luncheon. The deans will speak at the beginning of the forum to express their concerns with an open discussion afterwards. Please make plans now to come and show your support!

NEW MEMBERS

ALEXANDRIA

Charlie J. Franklin, EI

BATON ROUGE

Christopher Matthew White, PE
Bryan J. McReynolds, PE
Daniel J. Kliebert, Jr., PE
Jacob M. Loeske, PE
Lindsey L. Dziuba, PE
Renee M. Leblanc, PE
Heather I. Keith, EI
Charles J. Marino, Student

LAFAYETTE

Bruno Garcia, Student
David P. Carroll, Student

LAKE CHARLES

Scott Carey Sollay, PE
David Wayne Minton, EI

MONROE

Joseph W. Jay, PE
Chad B. O'Neal, PE
Bradley P. Anzalone, EI

NEW ORLEANS

Gregory William Domingue, EI
Joey C. Brocato, EI
Lyle B. Landry, EI
Bryan C. Bywalec, EI
Harlan P. Hock, EI
Richard T. Nelson, EI
Tuan A. Ngo, EI

SHREVEPORT

Sean C. Smith, EI
Donald R. Downs, PE
Robbin K. Cassity, PE
John D. Brown, EI
Carmelo J. Gutierrez, EI

NON-RESIDENT

Sara Josefino Duffoo, PE
Field A. LaMotte, EI
Kevin A. Booth, EI

SOCIETY NEWS

By: Brenda Gajan
LES Executive Director



LES OFFICERS & BOARD

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scotty@meconsulting.com

First Vice President

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Second Vice President

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Young Engineer Representative

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Past President

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Calendar of Events

November, 2007

- 1 Nominations for LAPELS Board Vacancies begins
- 12-13 LAPELS Board Meeting – LES State Office
- 16 Honors & Awards nominations deadline
- 30 LES Board Mtg. and Honors & Awards Selection Cmte. – Baton Rouge

January, 2008

- 7-8 LAPELS Board Meeting – LES State Office
- 9 12th JESC Planning Meeting – Lafayette, LA
- 15 Deadline for copy, Louisiana Journal, February issue
- 16 Future City LA Regional Competition – Alexandria, LA
- 23 LES Board of Direction Meeting – Lafayette
- 23 LEF Board Meeting – Lafayette
- 23-24 12th JESC Conf. & LES State Honors & Awards Spring Mtg. – Lafayette, LA

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BATON ROUGE CHAPTER

By: Robbie Lear, P.E.



The Baton Rouge Chapter is saddened to learn of the passing of Ken Robichaux, P.E., CBO. Ken served the Baton Rouge Chapter as Vice President and Secretary/Treasurer with great joy and passion. He was proud to serve the engineering profession and the public through his work at the State Fire Marshal's Office and independent research. His jovial laugh will be sadly missed.

We were honored to have General Barry McCaffrey (US Army Ret) and East Baton Rouge City-Parish Mayor Kip Holden speak at our August and September luncheons, respectively. They both provided great insight into the infrastructure and future of our city, state and nation. I'd like to thank HNTB Corporation for sponsoring our August Luncheon, and the ASCE Baton Rouge Branch for coordinating our joint luncheon in September.

This fall, the Baton Rouge Chapter will hold the 14th annual LSU/Southern Student Function on the LSU Campus at Patrick F. Taylor Hall (formerly CEBA). We will be holding a 1 hour ethics PDH opportunity for engineering professionals along with an open forum discussion with the engineering students to discuss licensure, professionalism and life after college. These sessions will be followed by a jambalaya dinner in the south courtyard. The chapter is looking for corporate sponsors for the event. Proceeds will be put towards the William A. Wintz, Jr. Scholarship, which is awarded at the E-Week banquet. Please contact Robbie Lear at 225-298-0800 or rlear@sigmacg.com if you would like to sponsor the event.

LAFAYETTE CHAPTER

By: Ben Hawn, P.E.



The Lafayette Chapter held its best-attended lunch meeting in recent memory in September, at which Sonny Launey gave an outstanding talk on ethics. We were encouraged that several first-timers showed up. Mike Smith and Darrell Hicks are hard at work preparing for the 12th Joint Engineering Societies Conference, to be held in Lafayette on January 23-24, where attendance has historically been very high. We are all looking forward to this event, although some of us have a long way to go before our presentations are ready!

JORGE FERRER RECEIVES RECOGNITION



Jorge Ferrer, P.E., past Chairman of the State Board of Registration for Professional Engineers and Land Surveyors, received in April the Louisiana Water Environment Association Dale Givens Outstanding Professional award. In addition Jorge was chosen at the September meeting as a member of the LWEA/WEF Select Society of Sanitary Sludge Shovellers (SS) in recognition of his outstanding meritorious service.

IN MEMORIAM — KEN ROBICHAUX, P.E., CBO

It is with great sadness that we announce the passing of Mr. Kenneth Robichaux, P.E., CBO, who lost his battle with cancer on October 12, 2007. Ken was a tireless contributor to the engineering profession, serving as an engineer and certified building official with the LA State Fire Marshal's Office. He was a humble servant of the Louisiana Engineering Society, holding offices as Vice President and Secretary/Treasurer of the Baton Rouge Chapter. He was a fixture at every gathering, always laughing and talking to anyone and everyone. He will be sadly missed by his engineering colleagues. Our deepest sympathies are sent to the Robichaux family.

Kenny "Robie" Robichaux

The beloved son of the late Nic and Jackie Robichaux passed away in Baton Rouge after a courageous battle with cancer on Friday, Oct. 12, 2007. Kenny was born Nov. 10, 1953, in New Orleans where he graduated from Jesuit High School. He earned a degree from LSU in economics and a degree in electrical engineering from Tulane. He was also a P.E., a CBO, an officer in the Electrical Engineering Society, the owner of Robichaux Research Laboratories and the inventor of the Robie measurement system.



He worked for the Office of the State Fire Marshall and will be greatly missed by his friends and relatives. Friends and relatives are invited to attend visitation at Resthaven Funeral Home, 11817 Jefferson Highway, on Sunday, Oct. 14, from 2 p.m. to 5 p.m. Visiting continues Monday, Oct. 15, from 8:30 a.m. until service at 10 a.m., conducted by the Rev. Jerry Martin. Graveside service at St. John the Evangelist Catholic Cemetery, Jeanerette, on Monday, at 2 p.m. He is survived by two brothers, Van Robichaux and wife Karen of New Orleans, and Steve Robichaux and wife Amy of Baton Rouge; two sisters, Hilda Robichaux McNeeley and husband Jimmy, and Marsha Robichaux, all of Mobile, Ala.; five nieces, Renee Robichaux, Melissa Reid, Jennifer Reid, Claire Robichaux and Sally Robichaux; four nephews, Van Robichaux III, Ronald Jay Reid Jr., Max Stephen Robichaux and Jack Robert Robichaux. In lieu of flowers, the family requests that memorial contributions be made to Manresa House, P.O. Box 89, Convent, LA 70723.

-Published in The Advocate from 10/13/2007 - 10/14/2007.

12TH LA JOINT ENGINEERING SOCIETIES CONFERENCE

January 23 & 24, 2008

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For overnight accommodations call the Holiday Inn at 1-800-942-4868. Their location is 2032 N.E. Evangeline Thruway, Lafayette, LA 70501. The special conference rate is \$89.00 per room. You must state that you are attending the JESC to receive this rate. **Hotel reservation deadline is January 8, 2008.**

12TH JOINT ENGINEERING SOCIETY CONFERENCE

LOUISIANA ENGINEERING SOCIETY

Time	Atrium	Louisbourg Cap. 70	LaFourche Cap. 70	Teche Cap. 50	Grand-Pre' Cap. 120	Les Voyages Cap. 70	Time
1/23/08 WEDNESDAY							
7:00 - 8:00 AM	REGISTRATION/INFORMATION	EXHIBIT SETUP	Registration & Sign-In in Atrium				7:00 - 8:00 AM
8:00-8:50 AM			Civil - Alfred Crawley Roller Compacted Concrete for Navy CB Base, Gulfport, MS	Electrical - Terry Huval Broadband's Future for Climate Change, Smart Grid & Economic	General - Glen Kent Minimum Survey Standards Pt. 1	General - Bobby Price Global Issues in Engineering: Impact of Outsourcing on Engineering Services	8:00-8:50 AM
9:00- 9:50 AM			General - Curt McCarty History & Overview of the State Uniform Construction Code	Civil - Mike Glasgow The AWWA C900 Standard Has Changed! How Does It Affect You?	General - Glen Kent Minimum Survey Standards Pt. 2	Civil - Bob Schmidt To Be Determined	9:00- 9:50 AM
9:50- 10:10 AM			Break				9:50- 10:10 AM
10:10- 11:00 AM			Mechanical - Ed Carrick Lean Manufacturing & Product Development Pt. 1	General - Jerry Heinberg Louisiana's Energy Codes	Electrical - Larry Saunders Understanding & Managing the Arc-Flash Hazard	Civil/Mechanical - John M. Ehlers Modern Drainage Pumping: A Case for Concrete Volutes Pt. 1	10:10- 11:00 AM
11:00- 11:50 AM			Mechanical - Ed Carrick Lean Manufacturing & Product Development Pt. 2	Electrical - Ben Hawn Tape 10 Electric Power Myths	Civil - Catherine Kaake Building Codes & Wood-Frame Construction	Civil/Mechanical - John M. Ehlers Modern Drainage Pumping: A Case for Concrete Volutes Pt. 2	11:00- 11:50 AM
11:50- 1:00 PM			Lunch in Exhibition Hall				11:50- 1:00 PM
1:00- 1:50 PM			General - Dan Wittliff Trends In Homeland Security	Electrical - Daniel Krueger NFPA Article 585 "Critical Electrical Systems" Pt. 1	Ethics - Steve Loeb Recent Developments in Construction Law	Civil/Mechanical - John M. Ehlers Modern Drainage Pumping: A Case for Concrete Volutes Pt. 3	1:00- 1:50 PM
2:00- 2:50 PM			General - Dan Wittliff Applying Homeland Security to the Nation's Electrical System	Electrical - Daniel Krueger NFPA Article 585 "Critical Electrical Systems" Pt. 2	Mechanical - Ransom McElroy "ACCU-BORE" On-Grade Boring	Civil - Ben Humphries Common Pump Station Design Issues - Water & Sewer	2:00-2:50 PM
2:50-3:10 PM			Break				2:50-3:10 PM
3:10- 4:00 PM			General - Brett North Patents, Trademarks, and Copyrights for Engineers	General - Dan Lavergne Internal Control & Fraud Detection-What Red Flags Should You Watch For?	Mechanical - Ransom McElroy Pipe Replacement Using Pipe Bursting Method	No Seminar	3:10-4:00 PM
5:00-7:00 PM			Board Meeting				5:00-7:00 PM
		EXHIBITS CLOSED					

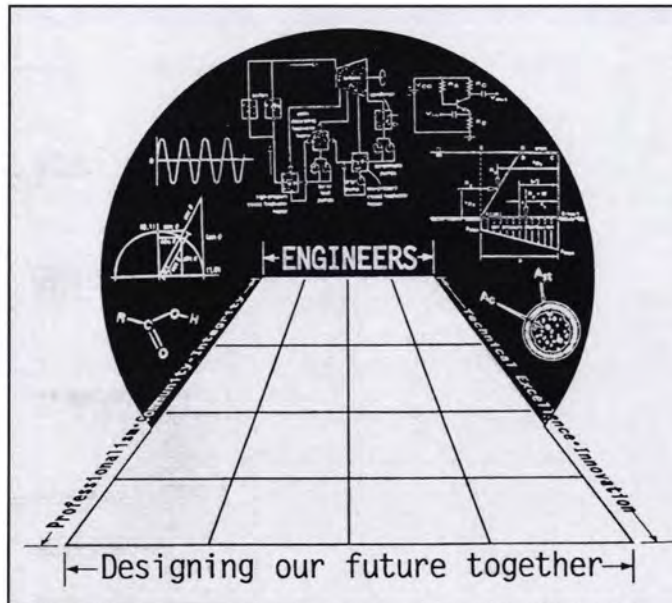
12TH JOINT ENGINEERING SOCIETY CONFERENCE LOUISIANA ENGINEERING SOCIETY

Time	Atrium	Louisbourg Cap. 120	LaFourche Cap. 70	Teche Cap. 50	Grand-Pre' Cap. 120	Les Voyages Cap. 70	Time
1/24/08 THURSDAY							
7:30- 8:00 AM	REGISTRATION/INFORMATION	EXHIBITS OPEN	Continental Breakfast in Exhibit Hall				7:30- 8:00 AM
8:00- 8:50 AM			Mechanical - Wynn White Mold: Can We Avoid & Prevent It?	Civil/General - Cliff Mugnier Forensic Photogrammetry	Civil - Mohammad Hussein & Paul Bullock Dynamic Testing Methods for Driven Piles & Drilled Shaft Deep Foundations	General - Richard Moeller Risk Drivers: Understanding the Dynamics of Risk in the A/E Industry Pt. 1	8:00- 8:50 AM
9:00- 9:50 AM			Civil - Chris White Avoiding Common Construction Defects in Bldgs.	Electrical - Ron Albarado Designing & Constructing Your Project Around Utility Power Lines	Civil - Mohammad Hussein & Paul Bullock Dynamic Testing Methods for Driven Piles & Drilled Shaft Deep Foundations	General - Richard Moeller Risk Drivers: Understanding the Dynamics of Risk in the A/E Industry Pt. 2	9:00- 9:50 AM
9:50- 10:30 AM			Break				9:50- 10:30 AM
10:30- 11:20 AM			Civil - Allen H. Cox Thrust Restraint for Ductile Iron Pipeline	Civil - Larry Brandon NSF/ANSI 61 and Water Treatment Chemical Storage	Ethics - Chris Richard Wet & Electronic Signing & Sealing of Engineering Documents	Civil - Steve Henning A Thorough Review of Manhole Rehabilitation Techniques	10:30- 11:20 AM
12:00- 2:00 PM	EXHIBIT CLOSED	EXHIBIT CLOSED	LES Awards Luncheon				12:00- 2:00 PM
2:00 - 2:15 PM			Break				2:00 - 2:15 PM
2:15- 3:05 PM			Council of Deans	No Seminar	No Seminar	Council of Deans	2:15- 3:05 PM
3:10- 4:00 PM							3:10- 4:00 PM

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17. Signature and Title of Editor, Publisher, Business Manager, or Owner Veronica d. Hickman	Date 10/18/07
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IN MEMORY OF — MATTHEW "M.L." LOWBER VIRDEN, IV, P.E.

The Louisiana Engineering Society is sad to announce the passing of our member M.L. Virden, P.E. He was an active member with the Alexandria Chapter. He worked as a senior engineer for Meyer, Meyer, LaCroix and Hixson. He will be greatly missed by his engineering friends and colleagues.

Mr. Virden, 50, of Pineville passed away Friday, October 5, 2007. He was a member of Donahue Family Church. He was preceded in death by his father, Matthew Lowber Virden, III. Those left to cherish his memory include his wife, Mary Hyatt Virden; son, Matthew Lowber Virden, V; daughter, Amy Elizabeth Virden Dinsmore and husband, David; mother, Kathleen L. Virden; brothers, Donny L. Virden and wife, Leann R. Britt Virden and wife, Esther; sisters, Eugenie Virden Outzen and husband, Bart, Mary Rogers Virden Henry and husband, Larry, Bess Virden Brooks and husband Steve, Jenny Virden Thompson and husband, Bobby, Julie Virden O'Brien and husband, Danna; sixteen nieces and nephews. In lieu of flowers memorials may be made to Donahue Family Church, Building Fund, 2832 Donahue Ferry Road, Pineville, LA 71360. To extend online condolences to the Virden family, please visit www.hixsonbrothers.com.

LES MEMBERSHIP RECRUITMENT PROGRAM

LES announces the following membership recruitment program for 2007/08:

- A thank-you letter will be sent to every member who recruits a new member (6 month free members do not qualify)
- LES will donate \$10 to the LEF Building Fund in the name of the member who recruits a new dues paying member and any member who recruits 10 qualifying members in a 2 year period will have their name added to the LEF Donors' plaque at the Engineering Center.
- The Engineering Professors at all the Engineering Colleges in the state will be given free membership to LES for one year.
- All past state and chapter presidents who are no longer members, will be given a free year of membership to help get them back involved.
- Engineers (EI's and P.E.'s) employed by DOTD will be invited to join LES under the 6 month free membership program.

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THE SPEC SHEET

Warren J. Wilder, Executive Director

American Council of Engineering Companies of Louisiana



Warren J. Wilder
Executive Director

A FEATHER IN THE HAT!...

ACEC/L's Transportation Committee, under the leadership of ACEC/L's Vice President, Michael N. McGaugh, P.E., ABMB Engineers, Inc., Baton Rouge, LA, presented a report in abstentia at the recent ACEC/L Board Meeting pointing out that the ACEC/L (American Council of Engineering Companies of Louisiana) representatives on the round table have concluded several months of negotiations with representatives from the Louisiana Department of Transportation and Development with regard to the Maximum Workload per Employee.

ACEC/L worked with LDOTD's Ed Wedge and several other LDOTD representatives in getting the Maximum Workload per Employee figure raised from \$75,000 to a figure nearer the PSMJ figure of \$113,745. The figure finally adopted by LADOTD for the Maximum Workload per Employee was \$115,000. This is a very substantial victory for the engineering community, especially those engineers who perform LDOTD design services. The successful efforts on the part of the ACEC/L Transportation Committee raised the dollar figure by \$40,000 over the current \$75,000. The Maximum Workload per Employee figure is used in the LDOTD selection process. Congratulations are in order to Mike and the committee for their exemplary efforts in getting this figure to be more realistic!

Other activities of the ACEC/L Transportation Committee included discussions of a new initiative, "Driving Louisiana Forward." E. Hunter Lancaster, III, P.E., S. E. Huey Co., Monroe, LA serves as the ACEC/L representative on the DLF Executive Committee. He has invited LAGC's Derrell Cohoon and Jennifer Marusak to the ACEC/L Board Meeting on October 26 to make an "after lunch" presentation on the "Driving Louisiana Forward" initiative.

Finally, it was reported at the September 21st Board Meeting that there are continuing threats to the QBS selection procedure. The Board of Governors agreed that ACEC/L should respond to each threat. The lack of available professionally qualified DBE firms was also discussed. The Board of Governors outlined a very busy, pro-active agenda addressing several current issues. Several were discussed in detail at the meeting.

"BLUEPRINT LOUISIANA: CHANGES TO IMPROVE OUR STATE"

Blueprint Louisiana is a citizen-driven effort to identify and implement essential changes to fundamentally improve Louisiana. The five-part change agenda outlined below will

better position the state for success and make citizens proud to say, "I live in Louisiana."

#1 – Adopt the Nation's Best Ethics Laws. Louisiana's history of public corruption continues to harm our image, and national rankings highlight the real weaknesses in our governmental ethic laws. A bold statement on ethics is needed to bolster our citizens' trust in government and improve the state's reputation. To establish Louisiana as a national model for ethics in government, existing laws must be strengthened significantly with (1) legislative financial disclosure, (2) enhanced lobbyist regulation, (3) transparency in state funding of local projects, and (4) increased resources for prevention and enforcement by the independent ethics board.

#2 – Prepare Students for a Lifetime of Success. Student achievement in Louisiana continues to lag well behind the national average. To provide a strong foundation, Louisiana should continue to expand our nationally recognized pre-kindergarten program shown to dramatically improve student achievement. At the other end of the spectrum, we must do more to prepare students for careers and college, while decreasing the drop-out rate. Giving all our four-year-olds access to a good educational start must be followed by sustained support that leads to graduation and future success.

#3- Develop the Skilled Work Force We Need. An alarming "skills gap" exists in Louisiana – too many citizens lack the skills they need to earn a good living, and too many employers can't find prepared workers to fill open jobs. The Louisiana Community and Technical College System, with campuses across the state, is well positioned to direct the high-demand industry-sensitive workforce training we need. By improving coordination with industry leaders and developing "rapid response" capacity, our community and technical college can prepare our citizens for greater success in the workplace and provide Louisiana companies with skilled workers to grow their businesses.

#4 – Provide First-Class Access to Health Care. Our state run health care "safety net" fails to provide adequate access to care. All of our patients, insured and uninsured, deserve a health care system that meets their needs. Responsibility for providing care to the uninsured should be shared by the private and public sectors, with an emphasis on local governance, allowing LSU to focus on world-class medical education and research.

#5 –Build a Superior Transportation System. Louisiana's

ids are repeatedly rated among the worst in the nation. The poor condition of our transportation system is hurting our economy and making us all miserable. The backlog of projects is \$14 billion. We need to fix traffic gridlock and make Louisiana a transportation hub for the nation. Existing transportation revenues should be dedicated to transportation projects, and we should develop mega-projects with toll-generated revenues to speed up large-scale transportation needs in a cost-effective, timely manner.

The ACEC/L Board has not officially taken action to endorse Blueprint Louisiana out of concern that such an endorsement may be perceived by some of the membership as support of certain politicians or support of the agenda's of others. The aforementioned information is offered for the reader's perusal and decision on participation. Learn more about the initiative by pulling up the "Blueprint Louisiana" website at www.blueprintlouisiana.org.

MEMBERSHIP DEVELOPMENT: JUDGING A BOOK BY ITS COVER...

ACEC/L Membership Development Committee chair, Michael N. McGaugh, P.E., suggested that a "solicitation package" be developed for prospective member firms and that each of the chapter presidents identifies "hotlists" of firms that would be contacted and sent these packages. McGaugh also suggested in his report was the possibility of prospective member breakfasts being held around the state.

DHH LIAISON COMMITTEE – Ann Trappey, P.E., FACEC, has been serving as ACEC/L's representative with a group of engineers (some of whom are ACEC/L members) known as the "Land Development Group," which have waste water issues with the Department. ACEC/L President, Lee Underwood, P.E., advised the Group against using a petition to present its issues to DHH. The Department seems receptive to a series of round table meetings to discuss the issues.

LEGISLATIVE COMMITTEE – Committee chair, Anthony J. Mumphrey, Jr., P.E., reported that ACEC/L President-Elect, Lawrence W. Blanchette, P.E., had contacted the AIA/L (Louisiana Section of the American Institute of Architects) to determine if it had an interest in pursuing with ACEC/L "Certificate of Merit" legislation in 2008 Regular Session of the Louisiana Legislature. Blanchette is awaiting AIA/L's response. Mumphrey said he would set up a conference call of the committee members to discover their legislative interests. Possible legislation could involve the Certificate of Merit, private quasi-public entities developing facilities that would eventually become public through leases of public property, and amendment of existing "design-build" laws.

AND FINALLY...UNITED HEALTHCARE, ACEC AND US WOW! WHAT A COMBINATION!...

United HealthCare Insurance Company was recently named the exclusive national health care insurer for the American Council of Engineering Companies Life/Health

Insurance Trust (L/HIT). The three-year agreement, became effective August 1, 2007, enables Trust member companies to access United HealthCare's and its affiliated insurers health benefit plans for their employees and dependents.

All ACEC groups and over 44,000 members were transitioned from the Trust's previous health plan provider Trustmark Insurance Company to United HealthCare with an effective date of August 1, integration efforts are often challenging and we'd like to assure member companies that we are working to resolve any transition-related issues as we move from the transition phase to normal operations.

Changes in Life and Disability Billing

We are significantly changing life and disability billing in response to employer requests for a list-bill. Development of a list-bill requires more time to implement, therefore employers won't receive an invoice until we change the process. We encourage employers to internally accrue for the anticipated expense when it invoices in November or December, depending upon your group size.

Vision Plan Additions

Based upon employer feedback, we are changing the vision benefit plans to include three lenses: (1) anti-reflective, (2) progressive, and (3) polycarbonate. Employers who have had a lense benefit denied will be reprocessed retroactive to the August 1 effective date. A reimbursement form is posted at <http://www.uhctoday.com/acec/> which can be submitted by members to reimburse a lense expense.

WHY UNITED HEALTHCARE?

Some employers have expressed an interest in knowing why United HealthCare was selected to be the benefits provider for the ACEC (L/HIT). Through a competitive request for proposal (RFP) process, the Trust looked for a carrier that could offer a more integrated solutions experience, provide a clear strategy for health and well being and help the Trust manage its medical costs more effectively. United HealthCare offers many solutions that the Trust will be able to leverage and value going forward.

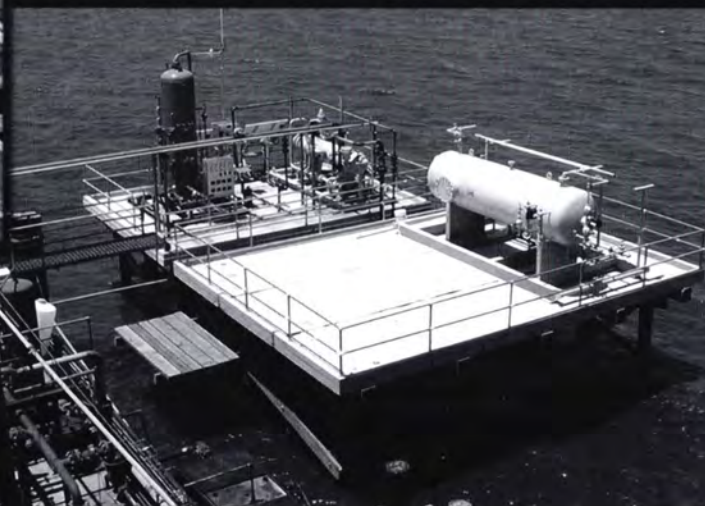
I've pared down the announcement quite significantly, so please go to the UHC website to learn more about this plan. We'll see how the plan really works!!

Warren J. Wilder

This was the last article of Warren J. Wilder, Ex. Director ACEC/L. After 35 years of faithful and dedicated service to ACEC/L, Warren died peacefully at his home on October 25, 2007, surrounded by his family. Warren's death is a huge loss to the engineering community and ACEC/L. A more appropriate memorial of Warren's service and achievements is planned for the next issue of the "Louisiana Engineer & Surveyor Journal".

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LSPS HOLDS BOARD MEETING AT NICHOLLS STATE UNIVERSITY

On October 5, LSPS held its bi-monthly board meeting at Nicholls State University in Thibodaux. This is something we started last year to give the board an overview of the Geomatics program and we hope to make this an annual event. We were honored to be joined by the following Nicholls representatives: Dr. Carol Falcon, Provost and President of Academic Affairs; Mr. Larry Howell, Associate Provost; Dr. Badiollah Asrabadi, Dean of College of Arts and Sciences; Dr. Terry Dantin, Head of Applied Sciences and Geomatics Coordinator and Dr. Balaji Ramachandran, Assistant Professor of Geomatics. Also, Dr. Stephen Hulbert, University President, joined our meeting to welcome us to the University. Mr. Maurice Temfack, the new addition to the Geomatics program, also joined us. Mr. Temfack joins the program from Canada as the third faculty member. We welcome him to Louisiana and to the Geomatics program. We were also pleased to have Donna Sentell, Executive Director of LAPELS, and Tim Allen, LAPELS board member, join us for the meeting.

The program appears to be in great shape and growing. The first graduates of the program were in the Spring of 2007. Congratulations to April Giovanni, who is employed with Apache Corporation, and Patrick Mokhtarnejad, who is employed with Morris P. Hebert, Inc. Dr. Dantin reports that he is receiving calls from companies all over the nation about the students coming out of the program. Currently, there are 45 students enrolled with a major of Geomatics. There are 21 Freshmen students enrolled in Introduction to Geomatics (Geomatics 101), compared to 10 last fall. A very positive indicator that the future of the program looks great. Dr. Balaji reported he placed 25 students in summer internships this past summer. If you are interested in having a Nicholls student intern with your company for the summer, contact Dr. Balaji at (985) 448-4724 or balaji.ram@nicholls.edu.

By the start of the spring semester, the Geomatics program will have its own computer and technology lab inside the El-lender Library. There will be 25 state of the art workstations, each one having dual 24" flat screen monitors, where students will work with such programs as AutoCad, MicroStation and ArcGIS. The funds for this lab came from a Board of Regents grant, University funds, and a \$30,000.00 donation from the LSPS Every Member Campaign. The computer lab is not only an asset for teaching students, but also works as a great recruiting tool for potential students. Thanks to those who contributed to the Every Member Campaign and to David Patterson, whose idea it was to start this campaign.

Recruiting efforts continue to grow. Visit the website www.nicholls.edu/doas to read and see an overview of the program and what it has to offer. Direct potential students to this, as well. Beginning in November, Nicholls will start a TV

advertising campaign, radio ads and billboards about the Geomatics program to target students beyond the adjoining parish areas served by Nicholls. They will be using a \$10,000.00 donation from the Every Member Campaign for this effort.

There are some upcoming events that we could all help with and participate with Nicholls. One is GIS Day, which will be Wednesday, November 14, 2007. This is an event that will be on the Nicholls campus and high school students will be visiting the campus on this day. The Geomatics program will play a major role in this and use it as a recruiting tool. They are seeking donations for awards and supplies. Another event will be National Surveyor's week, which will be March 16-22, 2008. There are plans to have a Surveyor's day on campus during that week. The program is looking for volunteers from industry to perform field demonstrations of old and new surveying equipment and to provide and man display booths. If you would like to help with these events, contact Dr. Balaji.

The program is also looking for sponsors for surveying equipment lockers. Each locker would hold all the equipment needed for a team (or "crew") of students to perform field surveys for their classes. Equipment would include a level, total station, tripod, radios, rods, tapes, etc. A donation of \$5,000.00 will supply a locker with all necessary equipment, except a total station. A donation of \$10,000.00 will supply a full locker, including the total station. There is a need for a total of 5 lockers. At the meeting on October 5th, LSPS made a \$10,000.00 donation for the first locker. If you would like to donate, please contact Dr. Dantin at 985-448-4725 or Terry. Dantin@nicholls.edu.

The Geomatics program is doing well, and our industry will begin to see the results of this in the coming years as these students join the workforce. A special thanks to those who have worked so hard to make this program a reality. The annual report to the Board of Regents received favorable comments and the full support of industry partners and LSPS was noted. The BoR further lauded the efforts in recruiting, obtaining grants and other financial support. The program is still under conditional approval from the BoR until it receives full accreditation from ABET. Now that the program has its first graduates, the ABET accreditation process can begin. I challenge everyone to not let up in your support for this program. Contact Dr. Dantin and Dr. Balaji and let them know you support them and ask what you can do to help. Continue to donate to the Every Member Campaign. Remember that this program is training the future of our profession.



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IN MEMORY...

Enoch Joseph "EJ" French, Sr. (10/2/07)

E.J. French was born August 3, 1930 in Trees City, Louisiana. Mr. French passed away peacefully on Tuesday, October 2, 2007, at the age of 77. Left to cherish his memory are his loving and devoted wife of 53 years, Shirley Bailey French, three children- Enoch Joseph "Joey" French, Jr. and wife, Carol, John Burton French and wife, Sonya, and Angela French Foster, eight grandchildren and two step-grandchildren. He is survived by his father-in-law John Frank Bailey of Bossier City; brother James Livingston French and sister-in-law, Patti of Palm Beach Gardens, FL; sister Patsy French Neal of Bossier City, and numerous cousins, nephews, nieces and friends. E.J. became an Eagle Scout in 1944 and graduated from Vivian High School in 1947. After graduating with a degree in Civil Engineering from La Tech in 1951, he began working as a Professional Engineer and Land Surveyor for the City of Shreveport. In 1954, E.J. enlisted in the Army and served at the Vicksburg District, Corps of Engineers for two years. In 1956, E.J. returned to work for the City of Shreveport and advanced to the Director of Public Works before retiring in 1985 after 33 years of service. He was a member of the Louisiana Society of Professional Surveyors for over 20 years. E.J. loved his family, Sunday School class, woodworking, photography and engineering. Some of his fondest memories include time spent with his grandchildren. The family requests that in lieu of flowers, contributions should be made to the Gideons

International or the Louisiana Baptist Children's Home, Monroe, Louisiana.

Lamon Lamar Moody Jr. (9/8/07)

Mr. Moody was a native of Bogalusa and a resident of Baker. He retired from Dyer and Moody Inc. as the president and owner with approximately 30 years of service as a civil engineer and land surveyor. At the age of 82, Mr. Moody died on Saturday, Sept. 8, 2007, at 4:50 a.m. at the Ochsner Medical Center in Baton Rouge. He was a U.S. Marine Corps World War II veteran and received the Purple Heart Medal. Interment with full military honors in Seal Cemetery in Varnado. He is survived by his daughter, Jennifer Moody, of Columbus, Ga.; two sons and daughters-in-law, Lamon "Skip" III and Joan Moody, of Jackson (formerly of Baton Rouge) and Jeff and Valarie Moody, of Clinton; former wife, Eve T. Moody; three brothers and two sisters-in-law, seven grandchildren and a great-grandchild. He was past commander of Disabled American Veterans, Capitol City No. 5, Baton Rouge; past commander of Military Order Purple Heart Post 177, Red Stick; past president and life member of the Louisiana Engineering Society; life member and past president of the Louisiana Society of Professional Surveyors and a member of the First Baptist Church of Baker since 1958. Memorial donations may be given to the Military Order of Purple Heart or the Disabled American Veterans.

LSPS ANNUAL AWARDS NOMINATION

We are seeking nominations for the LSPS Surveyor Excellence Award and the Life Member Award. Please review these specific considerations:

Life Member:

1. Must be LSPS Member of long standing, i.e. 25 years or more.
2. Must have actively contributed to the growth of LSPS during his career (e.g., may served as officer or director of LSPS), but need not be active at the time of nomination.
3. Should enjoy an outstanding reputation for his knowledge, integrity and professional competence, especially among the members of his District.

Surveyor Excellence Award:

1. Must be registered member of LSPS.
2. Must have taken an active and continuous role in contributing to the growth and advancement of both LSPS and the surveying profession (e.g., may have served as an officer or director of LSPS, may have served as a member of the State Registration Board or as an office or director of

national surveying organizations).

3. Nominees should presently be actively involved in the operation of LSPS, as evidenced by attendance at chapter meetings and annual meetings, by serving on LSPS committees, etc.
4. Nominee should enjoy an outstanding reputation for his knowledge, integrity and professional competency, especially among the members of his district.

The Board of Directors of LSPS may choose to honor one or more members of the Society at the LSPS annual meeting. Presentation on an annual award is not mandatory. Any of the awards discussed herein may be presented to a single individual, may be awarded to more than one individual or, in some years, may not be awarded at all. A list of past recipients of these awards can be viewed at www.lsp.net.

Nominations may be submitted by any member of LSPS, but should not be submitted by relatives or business associates.

Please submit your nomination to LSPS no later than December 20, 2007.

LSPS SUSTAINING MEMBER FIRMS

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SCHOLARSHIP APPLICATION

A \$1000 Scholarship is awarded to a High School Senior residing in Louisiana, planning to pursue a career in surveying through the "Geomatics" program offered at Nicholls University. The scholarship is awarded in 4 equal payments over a 4-year period, as long as the recipient remains a full time student and maintains a 3.0 cumulative grade point average. The Foundation requires that the recipient submit their class schedule at the beginning of each semester and their grades at the end of each semester.

Return this application along with:

- ☐ School transcript,
- ☐ Three character recommendations (no relatives) and extracurricular activities to the address above.

DEADLINE March 1, 2008.

1. **Personal Information**

Name _____

Address _____ Parish _____

_____ Phone _____

Parent/Guardian _____

2. **High School Information**

School Name _____ Phone _____

School Address _____

Principal/Counselor _____

Did applicant participate in the LSPS Trig-Star Competition? Yes ____ No ____

THIS SECTION MUST BE CERTIFIED BY YOUR HIGH SCHOOL COUNSELOR

Academic Background

ACT Composite Score _____

High School Grade Point Average _____ (seven semesters)

_____ Signature of High School Counselor

2008 Map & Plat Contest Official Entry Form

Sponsored by the **Louisiana Society of Professional Surveyors**

LSPS, 9643 Brookline Ave, Ste 108, Baton Rouge, LA 70809 ♦ (225)925-5800 ♦ Fax (225)925-5802 ♦ E-mail: lsps@bellsouth.net ♦ Website: lsps.net

This will be a judged contest. A maximum of three maps per category will be exhibited at the 47th Annual Convention in Natchitoches, Louisiana. Entrants must be a member of LSPS. **The entry must have been completed after June 30, 2006**, and may not have previously been entered in any LSPS contest. The entry may be freehand or machine drafted.

Submit **ONE (1)** folded print for each entry with a maximum map size of 34" by 44". **All entries must be folded to fit in a 9" by 12" envelope.** Submissions must be a single drawing; it may originate as part of a set of drawings, however, it must be entered as a single sheet. Use one entry form per document submitted. An entry fee of \$15 must accompany each form. Winners will be contacted to send a print for display at the LSPS Annual Convention. The first prize winners will be entered in the ACSM/NSPS National Map & Plat Contest.

All entries will be judged on adherence to the criteria as set forth by the LSPS committee. The judges will consider interpretability, content and layout of data shown, presentation, innovation, applicability to typical client or persons using this type of map, and correctness. Neatness and accuracy of scale shall also be considered.

CATEGORIES

- | | | |
|----|--|--------------------------|
| 1. | Subdivision Plats | ☐ |
| 2. | Boundary/Cadastral Maps | ☐ |
| 3. | Topographic Maps | ☐ |
| 4. | ALTA/NSPS Survey Maps | ☐ |
| 5. | Miscellaneous Maps
(Permit drawings, Hydrographic maps, etc.) | ☐ |
| 6. | Color Presentation-Plans & Maps
(All Categories) | ☐ |

(Only one Category may be checked)

An entry fee of \$15 must accompany this form
(Make checks payable to LSPS)

Submit this entry form and fees to:

Map & Plat Contest Chairman
Louisiana Society of Professional Surveyors
9643 Brookline Avenue, Suite 108
Baton Rouge, LA 70809

Entrant's Name: _____

Company or Institution: _____

Address: _____

City: _____ State/Zip Code: _____

Phone: (W) _____ (H) _____

Title of Entry: _____

Description of Project: _____

Name and Address of Nominator if other than entrant.

Name/Address/Company: _____

(Use one entry form per document submitted)

* THIS FORM MAY BE REPRODUCED.

I give my permission for this entry to be placed on display at any LSPS, ACSM or NSPS sanctioned exhibit on cartography or map design. Also, I understand that entries may be reproduced in any LSPS, ACSM or NSPS sanctioned publications, that winning entries may be duplicated, reproduced, or copied and sold by LSPS, ACSM or NSPS, and that the winning contest entries may be placed in the map collection of NSPS at the Michigan Museum of Surveying. No entries will be returned. The decisions of the judges are final.

Signature : _____

Date: _____

FOR LSPS OFFICE USE ONLY: Map & Plat Contest Entry Number _____

ENTRY DEADLINE MARCH 15, 2008!

2008 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 2008 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 this form to LSPS at 225-925-5802 by February 1, 2008. 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. (Volunteers needed!)

PARTICIPATING SCHOOL PLEASE MARK APPROPRIATE BOX(s):

YES- we would like to participate in the 2008 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, 2008.

REMEMBER:

Louisiana Administrative Code, Chapter 27.

Use of Seals:

Section A.2.f.: *"A seal must be accompanied by the licensee's signature and date"...*

AND

Section 4.a.(i):

"The licensee shall affix his/her seal, sign his/her name, and place the date of execution on all engineering and land surveying documents that have been issued by the licensee to a client or any public or governmental agency as completed work."

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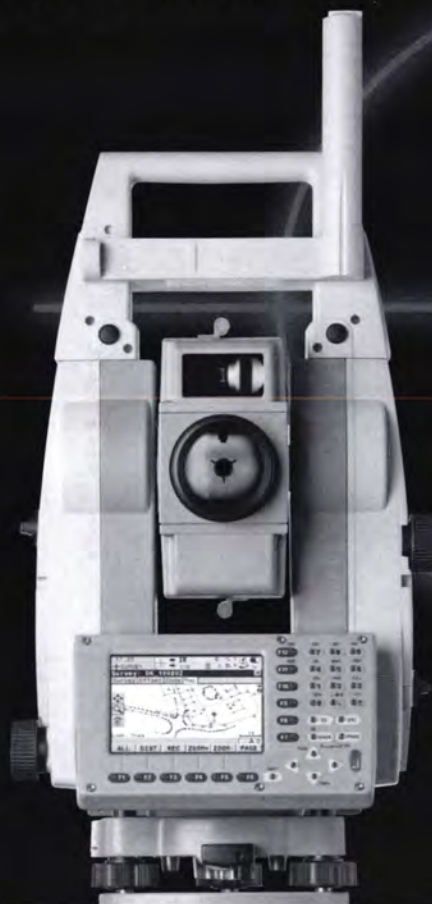
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Application For Membership

Louisiana Society of Professional Surveyors

Affiliated with American Congress on Surveying and Mapping & the National Society of Professional Surveyors
9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809 • Phone (225)925-5800 • Fax (225)925-5802
E-MAIL: lsps@bellsouth.net • WEBSITE: www.lsps.net

PLEASE COMPLETE THE FOLLOWING SPACES

Registration Number: _____

Name: _____
LAST FIRST MIDDLE

P.L.S. ☐ P.E. ☐ Other _____

Home Address: _____
STREET CITY & STATE ZIP CODE

Home Phone: _____

Business Affiliation: _____ Position or Title: _____

Business Address: _____
STREET CITY & STATE ZIP CODE

Business Phone: _____

E-MAIL: _____

Fax Phone: _____

Education: _____
SCHOOL DATE GRADUATED DEGREE Surveying Experience _____
YEARS

NOTE: A brief educational and professional record must be attached if applicant is not a P.L.S. or P.E.

Member of ACSM: ☐ Yes ☐ No

LSPS Member Sponsor:

Name: _____ Address: _____

Telephone: _____ Signature _____

GENTLEMEN:

I hereby apply for admission into the Louisiana Society of Professional Surveyors as a _____ Member, and agree to comply with the Charter, By-Laws and the Code of Ethics of the Association. Please assign me to the following district:

District 1 – New Orleans ☐ District 2 – Houma ☐ District 3 – Lafayette ☐
District 4 – Shreveport ☐ District 5 – Monroe ☐ District 6 – Baton Rouge ☐
District 7 – Lake Charles ☐ District 8 – Alexandria ☐ District 9 – Covington ☐ Out-of State ☐

Date: _____

APPLICANT'S SIGNATURE

CLASSES OF MEMBERSHIP

REGISTERED MEMBER

Any person holding a license from the State of Louisiana or any of its agencies authorizing such person to engage in the practice of Land Surveying. Registered Members shall be entitled to vote on all matters and hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$100.00

MEMBER

Surveyors registered in a State or Country other than the State of Louisiana. Members shall be entitled to vote and hold any Office except that of President or Vice-President.

INITIATION FEE \$10.00 ANNUAL DUES \$45.00

STUDENT MEMBER

Any undergraduate student of a college or vocational school recognized by the Board. Student Members shall not be eligible to vote or hold any Office in the Corporation.

ANNUAL DUES \$10.00

ASSOCIATE MEMBER

Any person recognized and so admitted by the Board of Directors intending to become a Land Surveyor, but not licensed by the State of Louisiana or any of its agencies to engage in the practice of Land

Surveying in the State of Louisiana. An Associate Member must attain the Status of Registered Member within eight (8) years of cumulative membership or he shall thereupon be reclassified as an Affiliate Member. Associate Members shall be eligible to vote but not to hold office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

AFFILIATE MEMBER

Any person not included within the definitions above provided in paragraphs 1,2,3 and 4 interested in advancing the cause and aims of the Corporation. Affiliate Members shall not be eligible to vote or hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

SUSTAINING MEMBER

Any firm or individual desiring to support the aims and objectives of the Association, who may or may not be entitled to one of the foregoing classes of Membership, may become a Sustaining Member upon application and approval by a majority vote of the Board of Directors. Sustaining Members shall not be eligible to vote or hold any Office in the Corporation, however, if a Sustaining Member also holds another class or other classes of membership, that Sustaining Member class shall not infringe upon such rights and privileges.

ANNUAL DUES \$150.00

Complete form & return with payment to LSPS at address shown above.

Rev. 04/07



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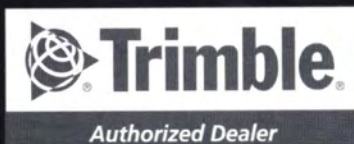
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