Louisiana Seeder and a second second

August 2010

Vol. 13 No. 3



2010-2011 LAPELS BOARD

Seated: Mark Jusselin, P.E., Vice-Chairman; Rhaoul Guillaume, P.E., Chairman; Standing (L-R) Ali Mustapha, P.E., Secretary; Theodore Thompson, P.E.; Miles Williams, P.E.; Richard Savoie, P.E.; Dr. Norma Jean Mattei, P.E.; Roger Danzy, P.E., Treasurer; Dr. James Bowie, P.E.; Timothy Allen, P.L.S.; and M. Ernest Gammon, Sr. P.L.S.

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New Board Member

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Louisiana Engineering Society

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American Council of Engineering **Companies of Louisiana**

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Louisiana Professional Engineering and Land Surveying Board

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LOUISIANA ENGINEER AND SURVEYOR JOURNAL

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1/4 Page	\$360	\$1150

- 1) Prices quoted apply to camera-ready copy. A onetime 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 by the 15th of the month preceding month of issue.
- 3) Published quarterly, February, May, August and November.

PUBLICATIONS COMMITTEE

Brenda Gajan, Managing Editor

Dan Mobley, Associate Editor

Heidi Watts, Associate Editor

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



I would like to dedicate this article to you, the LAPELS licensees, and give you a glimpse of the responsibilities of the board and its members.

When I was appointed to the board, like so many of our members, I had no idea of how much personal time, work and sacrifices that comes with the privilege of being a LAPELS Board member. Guiding and serving our registrants; protecting the public; promoting licensure to our young college students and interns; working with national, state and local professional organizations are just a few of the awesome duties that we perform.

First of all, each of our current board members and past board members are outstanding individuals with a common goal of serving and maintaining our high professional standards for engineering and land surveying. The talents and expertise that each member brings to this board is incredible and extraordinary. Their desire and dedication to our profession along with the fire in their heart and soul emphasizes that with the privilege of becoming a licensee, a person must be worthy, must demonstrate integrity, and must display honor.

The board consists of eleven members, nine are licensed professional engineers, and two are licensed professional land surveyors. Two members are active in the private practice of engineering, two are in government employment, two are employed in the field of industry, two are employed in the field of education, and one is employed in the field of construction. Also, two are actively engaged in the field of surveying.

Each year, the governor appoints members to this board from among a list of five licensed professional engineering nominees recommended by the Louisiana Engineering Society and from a list of five licensed professional land surveyor nominees recommended by the Louisiana Society of Professional Surveyors. All appointments to the board are for terms of not less than five nor more than six years and are for such periods of time as to ensure that the terms of not more than two board members end per year.

The board holds six regular meetings each year meeting bimonthly for two days. The board is domiciled in Baton Rouge and maintains all records at this location. Most of our members travel from all parts of the state to attend meetings in Baton Rouge. Committee meetings also require members to travel between board meeting dates. There are numerous phone calls, emails, correspondence among board members and staff to resolve issues for committee work along with the review of applications (both individual and firms). The most cumbersome time and sensitive issues are when board members have to review complaint cases and make judgments and recommendations on particular licensees' livelihood. *It is not all fun and games.* Currently, we have representatives from across the state; four from Baton Rouge, one from Lafayette, two from Shreveport, one from New Orleans, one from Pineville, one from Sulfer, and one from Houma. It takes a lot of



Rhaoul A. Guillaume, Sr., P.E. Chairman

time, commitment and energy on the part of board members to assist in achieving our mission of "safeguarding life, health and property, and promoting public welfare".

I can tell you that a lot of work is required for little or no compensation. Each member is offered \$100/day for board meetings and \$15/hr. for committee time and applications review. Some members do not accept compensation or ask for compensation for the many hours that they travel and spend on board business.

The board is financially self-sufficient and does not receive or expend any state appropriated funds. No state funds are committed to expenditure for the staff group benefit program; for any retirement system, any salary, per diem, office supplies, rent, purchase of any product or service, or for any other purpose.

The board has the power to adopt, promulgate and enforce rules and regulations which are reasonably necessary for the protection of the public and proper administration of LAPELS rules and laws. An applicant is licensed or certified, as the case may be, in the opinion of the board, when the applicant has met the minimum requirements for LAPELS licensure and is proficient and qualified to practice as such.

To assist in performing these duties, the board elects annually from its membership the following officers: a chairman, a vice chairman, a secretary, and a treasurer. Also to help perform these duties, the board has established standing committees. All board members serve on at least six of these standing committees, based on their level of expertise. Committees include:

• **Executive Committee** - This Committee consists of all officers and oversees the operations of the office of the board and advises the executive secretary as to the conduct of the business of the board between meetings. It makes recommendations to the board with respect to personnel, policies and procedures.

• **Engineering Committees** - Reviews applications for licensure in each respective discipline of professional engineering; and recommends approval or disapproval of applications.

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Message from the Chairman, continued from page 3

• Land Surveying Committee - Reviews applications for licensure and certification as a professional land surveyor and land surveyor intern; and conducts oral examinations for applicants requesting to take the examination to become a Professional Land Surveyor.

• **Engineer Intern Committee** - Reviews, as necessary, all applications for the examination in fundamental engineering.

• Liaison and Law Review Committee - Works with similar committees of professional and technical organizations on matters of mutual concern. The committee makes recommendations to the board in matters concerned with the licensure law and the rules and regulations of the board.

• Education/Accreditation Committee - Makes recommendations to the board concerning the quality of the engineering and land surveying curricula, along with evaluation of the faculties and facilities of schools within the state of Louisiana. This Committee also has the power to make inspections in the course of its evaluations and coordinate the selection of board observers for all ABET visitations in the state. • **Finance Committee** - **S**tudies, reports and makes recommendations to the board on fiscal matters. At the end of the fiscal year, this Committee reviews the annual audit and prepares a budget for presentation to the board at meetings.

• **Nominations and Awards Committee** - Presents to the board a list of nominations for election of officers and for any applicable awards.

• **Complaint Review Committees** - Members are appointed on a case-by-case basis and reviews results of investigations against licensees, certificate holders and unlicensed persons and recommend appropriate action to the board.

• **Continuing Professional Development Committee** -Reviews and makes recommendations to the board regarding continuing professional development rules, policy and providers/sponsors.

• Architect-Engineer Liaison Committee - Coordinates and discusses issues of mutual interest between this board and the State Board of Architectural Examiners.

It is not all fun and games. BUT IT IS A PRIVILEGE AND HONOR TO SERVE.

GOVERNOR APPOINTS NEW BOARD MEMBER



Theodore H. Thompson, LSI, P.E.

G overnor Jindal has appointed Theodore H. Thompson, L.S.I., P.E., to serve as the academic appointment, to the Louisiana Professional Engineering and Land Surveying Board effective April 1, 2010. Mr. Thompson is replacing Dr. James D. Garber, Ph.D., P.E. and will serve the Board for a term of six years. Mr. Thompson is a 1974 graduate of McNeese State University with a Bachelor of Science degree in Civil Engineering. He obtained his Masters of Engineering degree from McNeese State University in 1997. He is a licensed professional engineer and land surveyor intern in Louisiana.

Mr. Thompson started his engineering professional career working as a field engineer for F. Miller & Sons, Inc in Lake Charles, Louisiana. He worked in various positions for F. Miller, from field engineer to project manager until September 2006, when the business was sold to Orion Marine Group of Houston, Texas. At this time, the new owners promoted him to division manager, a position he continued in until he retired from F. Miller Construction, LLC in August of 2009. He is now employed part-time for Guinn Brothers, LLC, a construction company, in Jennings, Louisiana. He also is currently teaching engineering at McNeese State University as a visiting lecturer. Mr. Thompson has taught at McNeese for ten years out of the last eleven.

Lieutenant Colonel Thompson, AUS, Retired, is a Viet Nam veteran and served in the US Army on active duty, in the Louisiana Army National Guard, and the US Army Reserve for nearly 30 years. He retired from the US Army Reserve in October 1999. His last assignment was as an instructor with the US Army Reserve school system having taught in the Army's Officer Advance Course program, the Command and General Staff Officer Course, and the Combined Arms Service Staff School for ten years.

Mr. Thompson is an active member of the Louisiana Engineering Society, of which he was state president 1999-2000. He has been the Lake Charles Chapter president six times and served on several state committees including their Ethics Committee, which he currently chairs. He has been active in local Mathcounts competition and is the Lake Charles Chapter liaison with McNeese State University. He is a recipient of the Society's Waldemar S. Nelson President's award for distinguished service to the Society and the Leo M. Odom Award for distinguished service to the profession of engineering.

Mr. Thompson and his wife, Martha, of 42 years, reside in Sulphur. They have one daughter, Penny, who is an E.I. in the State of Texas and resides with her husband Erik, a chemical engineer, and two daughters in Seabrook, Texas. He is an avid model train collector, skier, former private pilot, and enjoys skeet shooting, following college football, and searching the rough for his errant golf shots.

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• LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD

Justin Owens, Compliance Investigator

ISCIPLINARY AND ENFORCEMENT ACTIONS

The Board continues to investigate alleged violations of the laws and rules which regulate the practice of engineering and land surveying in Louisiana. Substantiated violations result in disciplinary or enforcement action being taken either through a Consent Order or by Board Decision following a formal hearing at which the respondent is adjudged guilty of one or more violations. Below is a summary of the disciplinary/ enforcement actions taken by the Board since the previous issue of the Journal:

PRACTICE WITH AN EXPIRED LICENSE:

Lewis Engineering, L.L.C., a licensed engineering firm (EF-3950), was subject to disciplinary action by the Board for practicing and/or offering to practice engineering in Louisiana with an expired license in violation of La. R.S. 37:698(A)(9) and (16). The firm's license was in an expired status from April 1, 2009 through October 19, 2009 and during that time it practiced and/or offered to practice engineering 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 \$500; to pay administrative costs of \$193.41; to pay past unpaid renewal fees of \$180; to have its supervising professional successfully complete the Board's online Louisiana Laws and Rules Examination; to have its supervising professional submit to the Board his up-to-date, complete Professional Development Activity Log with all supporting documentation for the renewal period of October 1, 2006 to September 30, 2008; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

Environmental Resources Management-Southwest, Inc., a licensed engineering firm (EF-1354), was subject to disciplinary action by the Board for practicing and/or offering to practice engineering in Louisiana with an expired license in violation of La. R.S. 37:698(A)(9) and (16). The firm's license was in an expired status from April 1, 2006 through September 4, 2009 and during that time it practiced and/or offered to practice engineering in Louisiana. The firm has entered into a Consent Order with the Board, wherein it admitted to inadvertent violations of the above statutes and agreed to pay a fine of \$5,000; to pay administrative costs of \$237.18; to pay past unpaid renewal fees of \$360; to have its supervising professional successfully complete the Board's online Louisiana Laws and Rules Examination; to have its supervising professional successfully complete the Board's online Louisiana Professionalism and Ethics Examination; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

Energy & Resource Consulting Group, LLC, a licensed engineering firm (EF-2317), was subject to disciplinary action by the Board for practicing and/ or offering to practice engineering in Louisiana



Justin Owens *Compliance Investigator*

with an expired license in violation of La. R.S. 37:698(A)(9) and (16). The firm's license was in an expired status from April 1, 2005 through August 25, 2009 and during that time it practiced and/or offered to practice engineering 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 \$5,000; to pay administrative costs of \$282.18; to pay past unpaid renewal fees of \$540; to have its supervising professional successfully complete the Board's online Louisiana Laws and Rules Examination: and to the publication of the Consent Order on the Board's website. the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

Spectro Chem, L.L.C., a licensed engineering firm (EF-3741), was subject to disciplinary action by the Board for practicing and/or offering to practice engineering in Louisiana with an expired license in violation of La. R.S. 37:698(A)(9) and (16). The firm's license was in an expired status from April 1, 2008 through January 12, 2010 and during that time it practiced and offered to practice engineering 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 \$402.69; to pay past unpaid renewal fees of \$180; to have its supervising professional successfully complete the Board's online Louisiana Laws and Rules Examination; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

Watson Engineering, Inc., a licensed engineering firm (EF- 2389), was subject to disciplinary action by the Board for offering to practice engineering in Louisiana with an expired license in violation of La. R.S. 37:698(A)(9) and (16). The firm's license was in an expired status from April 1, 2008 through January 12, 2010 and during that time it offered to practice engineering 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 \$402.69; to pay past unpaid renewal fees of \$180; to have its supervising professional successfully complete the Board's online Louisiana Laws and Rules Examination; and to the publication of the Consent Order continued on next page **PROFESSIONAL ENGINEERIN**

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Enforcement, continued from page 5

on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

MULTIPLE STATUTES AND/OR RULES:

Clarence N. Watson, P.E., a licensed engineer (PE-26093), was subject to disciplinary action by the Board for (a) offering to practice engineering in Louisiana with an expired license in violation of La. R.S. 37:698(A)(9) and (16) and (b) aiding or assisting another person in violating the laws and/or rules of the Board in violation of La. R.S. 37:698(A)(12). Mr. Watson's license was in an expired status from April 1, 2008 through January 12, 2010 and during that time he offered to practice engineering in Louisiana. Mr. Watson also aided or assisted Watson Engineering, Inc. and Spectro Chem, L.L.C. in violating the laws and/or rules of the Board. Mr. Watson 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 \$402.69; to pay past unpaid renewal fees of \$180; to successfully complete the Board's online Louisiana Laws and Rules Examination; and to the publication of the Consent Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

PRACTICING AS SOLE PROPRIETORSHIP NOT BEARING FULL NAME OF OWNER:

Poole Engineers, a licensed engineering firm (EF-1622), was subject to disciplinary action by the Board for practicing



LAPELS Executive committee with Ms. Sherri LeBas, DOTD Secretary

Board Members

Rhaoul A. Guillaume, P.E. *Chairman*

Mark A. Jusselin, P.E. Vice Chairman

Ali M. Mustapha, P.E. Secretary

Roger D. Danzy, P.E. *Treasurer* Norma Jean Mattei, Ph.D., P.E. Richard L. Savoie, P.E.
James E. Bowie, Jr., Ph.D., P.E. Miles B. Williams, P.E.
M. Ernest Gammon, Sr., P.L.S. Timothy J. Allen, P.L.S.
Theodore H. Thompson, P.E.

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or offering to practice engineering in Louisiana as a sole proprietorship which did not bear the full name of its owner in violation of La. R.S. 37:698(A)(6), to wit LAC Title 46:LXI§2301(C). The firm's license was in an expired status from October 1, 1999 through October 15, 2008 and during that time it unintentionally practiced or offered to practice engineering in Louisiana as a sole proprietorship which did not bear the full name of its owner. Following a formal hearing, the firm stipulated to final findings of fact and conclusions of law and a final decision and order, wherein it was found to have committed a violation of the above statute and rule and was assessed the following sanctions: a fine of \$3,000; administrative costs of \$3,630.95; past unpaid renewal fees of \$780; the publication of the Stipulated Final Findings of Fact and Conclusions of Law and the Stipulated Final Decision and Order on the Board's website, the printing of a summary of this matter by name in this publication, and the reporting of this matter by name to NCEES.

MARK YOUR CALENDAR

LAPELS Board Meeting Dates

September 20 – 21, 2010 November 15 – 16, 2010

January 17 – 18, 2011 March 21 – 22, 2011 May 16 – 17, 2011 July 18 – 19, 2011 September 19 – 20, 2011 November 21 – 22, 2011

(subject to change)

EXAMINATION DATES

October 29 – 30, 2010 April 8 – 9, 2011

Please visit www.lapels.com/Examinations.htm for deadlines and requirements.

Board Staff

Donna D. Sentell *Executive Secretary*

Victoria Hatton Director of Enforcement

Justin Owens Compliance Investigator

Tyson Ducote Compliance Investigator

> Heidi G. Watts *Office Manager*

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NEW REGISTRANTS

Licensed/Certified for the Period of April 16, 2010 - July 15, 2010

Wong, Sheung Shun

Woods, Michael Scott

PROFESSIONAL ENGINEERS Greer, Homer Brock

Adams, Jared J. Addison, John David Adler, John Rickey Alexander, Justin Randall Allen, Jeffrey Edwin Allman, III James F. Araujo, Marcio Costa Bandy, Maurice Spear Barker,III Donald Francis Barrow, Mark Richardson Beard. Jaime Roberto Beech, John Frederick Berger, Damian Paul Bergoon, Arthur Scott Blanchard, Brant Dustin Bolduc, Laura Christine Bosma. Timothy Duane Bouvier, Alan Fleitas Bowker, Jr. Christopher William

Boyd, David Edward Braud, Nathan Michael Brian, Ross A Buck, Darren Lee Burch, James Lamar Burcham, Dennis Wade Burchett, Jonathan Kent Buscemi, Nanci Cambre, Rachel Casey Campbell, Bradley David Carney,III James Ray Carr, Ésmond Fredric Cash, James Mitchell Cassanova, Regina Ann Cassidy, Jon Steven Chapman, Scott Clawson Cheek. James Albert Cinadr, Edward Michael Clark, Daniel Thomas Colborn, Erin Rose Conway, Adam Barnard Cook, Barlow James Creppel, Christopher Charles Daubenberger, Michael Joseph Davenport, Byron James Day, Kenny Frank Dean, Adam Robert Dean, Philip Maxwell DeMars, Steven Hubert DeSutter, Michael A. Devillier, Jr. Robert James Dilla, Matthew Francis Doan, Dinh Cong Doherty, Sean Edward Donohue, Sean S. Dore, Hristina Hitsova Drane, Kevin McLeod Duboice, Guy Allen Duddu, Balaji Vinayaka Duku, Pendo Munyuah Dunham, Aubrey Lanson Dupont, Jr. Dudley Joseph Eckenrode, Rvan Thomas Edwards. Richard Thomas Edwards, Rvan Parker Elliott, Benjamin David Ermel, Chad Jeremy Estis, Robert Lee Eustis, Wesley Reid Fankhauser, Rock Alan Fazzolari, John Joseph Fessler, Ronald Wayne Fieglein, Mark William Fields, Adam Joseph Finkelstein, Barry L. Fly, III Charles Forman Foglesong, Daniel T. Furnish, Michael Walden Galvez, Manuel F. Geer, Derek Hunter Gilbert, Michael Glen Giles, Casey Michael Gomez, Rembert Augusto Goodwin, Jason Michael Graham, Brian Christopher

Gresh, Brian Robert Guidry, Sandy Marie Guillory, Brandon Joseph Guillot, Martin Joseph Hamby, Robert Judson Hancock, David Guy Hanson,II Joseph Vaccaro Harms, Timothy Michael Harper, Leonard Paul Harrouch, Ignacio Antonio Hartel, Karen Anne Hatcher, Nathaniel Jace Haugland, David Wayne Hawkins, Jonathan Christopher Hermanson, Matthew James Herterich, Ernest Francis Heymann, Many Marshall Hill, Charles Hermon Hill, Daniel Patrick Hill, John Christopher Hix, Stanley Harrison Hohmann, James Cook Holt, Michael Ross Hong, Longjie Hoyt, Ryan Allen Huntsman, Scott Read Icove, David Jay Ischen, Marc Jenkins, Robert Blake Johnston, III Orin A. Kenney, John Paul Kesterson, Eric Steven Kirby, Mark William Kiser, William Kenner Ko, Robin Jay Kosarek, Jay Allen Kramer, James M. Kumm, John Joseph LaCroix, Christopher Joel Lancaster, Adam Brian Landis, Mark Allen Landry, Corey J. Largent, Bryan Jeffrey Latta. Trent Edward Le, Bao Long Quang Levendecker, Gilbert Lowry Lobello, Robert Nicholas Long, Kevin Jeffrey Luedtke, Paul Mark Madsen, Bjarne Maleh, Camille A. Malley, Stephen Anthony Malone, II John Gilbert Marsh, Charles Robert Martin, Patrick D. Martin-Logan, Jennifer Rebecca Mattes, David Carl May, Christine Lynn McCaskill, Lacey Yesso McClanahan, Eric Thomas McCool, Jason Christopher McCrav. Lewis Wade McDaniel, James Robert McFarland, Wayne Edward McGovern, Colleen Michaela McInerney, Sean Peter McKinney, Patrick Steven Meers, Larry Jerome Miller, Julie Ann Montalvo, Joseph Paul Montet, Shaun Paul Montz, Madonna Heine Moore, Alan B. Moore, Alan Edward Morris, Mark Kirwan Mouras, Gregory Thomas Muhammad, Taqi Hasan Munn, Daniel Adam Neithammer, Jr. Russell John Nelson, Guy Christopher Nelson. Mark David Nichols, Matthew J. Nixon, Tina Christine

Novotny, Gregory A. Oberholtzer, Gerald Francis O'Dell, Kenneth Dean Oertling, Estelle Evans Orndorf, Kevin Robert Page, Timothy Wayne Paige, Jr. Howard James Paradis, Lance Gregory Parnell, Christopher Boyd Paudel, Subash Perkins, Phillip Robert Petersen, Richard Forrest Pettit, David Andrew Phillips, Michael Anthony Pickell, Mark Bryant Prockish, Timothy Arthur Ouick. Keith R. Rambo, Steven Lee Rando, Brian Dominick Raush, Jonathan Richard Ray, Jared Ashley Redd, Erik Addison Reno, Damon Brian Richard, Jr. Barry Joseph Richard, Brady Keith Richardson, William Lee Ritter, Jr. Stephen Gregory Robertson, Jr. Arthur Elliott Robicheaux, Ryan Matthew Romano, David Charles Ross, Ryan David Rovira, Joseph Anthony Ruiz, Demetrio Roberto Rumbaugh, Jacob Reid Russo, Leonard Joseph Samson, Brandon C. Sant, Larry Dean Santoro. Carla R. Schneider, Neil D. Schroeder, Scott Austin Schwarm, Douglas Robert Schwartz, Daniel Morris Scott, Joshua David Seibert, Robin Suzanne Shah, Ashish Sholmire, Dawn Ruiz Sielaff, Brian James Simosa, Jose Carlos Sirman, Brandon Austin Slyter, Andrew Dennis Smith, Steven John Snape, Jennifer Marie Snyder, John Kenneth Somme, Michael A Sparks, Andrew Edward Spencer, Virginia Best Spitznagel, Mark Wallace Spruell, Kevin Ray St. Romain, Jason Blaine Staton, Charles Anthony Stein, John Michael Sterba, Shane M. Sternberg, III J. Samuel Swanbom, Michael Kenneth Taha, Nabil Mohammed Tanguis, II Frank P. Taylor, Ron Jamaal Thomas, Jeremy Michael Thompson, Jeffery David Thompson, Jerry Daniel Tolman, Jaren Ćlarence Toombs, Steven Wayne Urias, Stephen George Vasquez, Juan Jose Verma. Saniav Kumar Vernor, Curtis Glenn Viator, Brody Alan Voorhies, Kenneth Owen Wells, Brooke Harmon Weppler, Larry Alan Westbrook, Kevin Earl Whitaker, Robert Saunders Wilson, James Andrew Winston, William Rav Witthaus, Steven Michael Wold, Jeffrey Monrad

Wu, Qingfang Yallaly, James Gary Yuzereroglu, Izzet Efe Zhou, Yiqiang ENGINEER INTERNS Abraham, Wakeem Lenroy Yann Adevemi, Avodeji T. Archer, Elizabeth Anne Sparks Arrigo, Melissa Catherine Austin, Ashley Wade Baggett, Douglas Scott Ballmer, Sarah Anne Bellow, Adam Phillip Bergeron, Christopher Patrick Bernard, April Marie Bever. Kevin Scott Black, IV Elliott Bunyan Bodin, Max Joseph Borquist, Eric George Bouche, III Joseph A. Breaux, Jarod Joseph Breaux, Kyle Adrian Brinkerhoff, Michael David Buller, Paul Matthew Carville, Bradley Thomas Chavis, Prince John Chiu, Alan W.L. Clancy, Blaine Adam Clarke, Herman St. Clare Cohran, Kahli Crookshank, Joshua Adam Currault, Daniel Joseph Damba, Lawrence Anthony Dhaka, Anupam Drozdz, Lukasz A. Dugue, Andrew C. Dyer, Morgan LeeAnn Elhassouni, Zakaria Ellard, Jacob Andrew Espinoza-Moreira, Carla Roxana Estopinal, Stewart Austin Ferrell, Jacqueline Ann Figinsky, Felicia Rose Foret, Megan Annette Foster, Mitchell Frazier Gallagher, James William Ganser, Thomas Edwin Gaudet, Chelsea Jean Gayneaux, Joseph Wade Gizaw, Hiruy Admasu Goodson, Robert James Griffiths, III Richard Eugene Heaton, Alexander Clodius Henry, Brandon Michael Henry, Brian Lawrence Hinson, Matthew Thomas Hobbs, Jennifer Claire Hull, Logan Mark Jagunna, Babajide Ayokunnu Jewell, Robert Edwin Johnson, Mark Paul Jones, John Paul Justin, Christopher J Kirk, Raymond Thomas Knight, Jr. Stephen Finley Knill, Michael Rollin Laakso, Sarah Christine LeBlanc, Logan John Leckelt, Jeremy James Leonard, Jr. John Pauly Lo. Kristin Woanlin Lyons, Trilby Teresa Maderazo, Benjamin Matthew Maness, Andrew Dennis Marchand, Jr. Michael Todd Marinello, Nicholas Dante Martin, Melissa Pendergrass Maver. Erik Matthew McMann, Brett Michael Miller, Samuel Adam Morris, Ionathan Corley

Morris, Justin Wayne Murillo, Maria Gabriela Murray, Kyle Austin Nash, John David Olson, Stephen Lawrence Perilloux, Brandon Dale Perron, Dustin James Phillips, III Henry Pittman, Jay Coldon Porter, Joshua Manning Radosta, Renee Marie Reed, Adam Bennett Rigdon, Justin Barrett Rincones, Mariana E. Rome, Christopher Michael Rush, Tomas Allen Sander, Philip Gary Sanders, Seth Allen Schaubhut, Jonathan E. Schiber, Kyle Brian Schmidt, Walter Gerhardt Schwebach, Dean Robert Smith, Jody Slaton Smith, Kelly Lynn Sones, Jr. William Laphate Templet, Steve Christopher Templeton, John Andrew Vidrine, Casey James Wascom, Andrew Ronald Webster, Bridget Diane Windmann, Andrew Todd Woodard, Travis Paul Yin, Ming Yoho, Joshua Phillip Ziegler, John Sevier Zieman, Chase Cameron **ENGINEERING FIRMS** Affinity Engineering Group, Inc. Aker Marine Contractors US Inc.

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PROFESSIONAL LAND SURVEYORS

Anderson, David Gary Ballard, Christopher Lyle Barton, Mark Alan Burgess, Ralph D. Carlile, Timothy Ryan Gibson, Joseph Brad Godwin, Ercil Edward Goodwin, James Cody Hudson, Jeffery Elsworth Lajara, Jesus J. Moore, II Herbert Eugene Mora, II Robert L O'Brien, Jr. David Joseph Smith, Daniel Ervin Stuart, Eric Breithaupt Young, Thomas Alan

LAND SURVEYOR INTERNS Bodin, Travis Steven Hidalgo, David Paul Kesler, Alfred Jonathan Langlinais, Benjamin Ted Ledet, Matthew James Poche, Daniel Joseph Soirez, Jeremy Paul

LAND SURVEYING FIRMS

B & F Engineering, Inc. CEI Engineering Associates, Inc. Halff Associates, Inc. HydroTech Engineering, Inc. Johnson-McAdams Surveying and Mapping, LLC Land Surveying, LLC Pictometry International Corp. Professional Land Surveying Company, Inc. Quality Engineering & Surveying, LLC

PRESIDENTIAL PRIVILEGE By Susan Richard, P.E.

LES Vision Statement

The Louisiana Engineering Society will be recognized as providing professional leadership to the individual engineer and related engineering contemporaries.

LES Mission Statement

The Louisiana Engineering Society is dedicated to the advancement of the engineering profession by pursing an active leadership role through:

- 1. Providing avenues for members to elevate their skills, competencies, and ethics.
- 2. Communicating that engineering work must be performed or supervised by a professional engineer.
- 3. Public awareness activities.
- 4. Services to the public and profession.
- 5. Advocating registration of all engineers.
- 6. Recognition of engineering achievements.

I am grateful for the opportunity to serve as the President of the Louisiana Engineering Society, and would like to take this opportunity to thank the many volunteers and supporters of LES who have worked very hard over the years to make the Louisiana Engineering Society the strong organization that it is today. Many people have worked countless hours towards fulfilling the goals of our vision and mission statements. Being a volunteer organization requires not only many volunteers and a dedicated staff, but it also requires a large and sustainable membership. *After all, what is a Society without members?* The fact is that the Louisiana Engineering Society is in good shape, but is a far cry from what we could become. With only 10% of the registered Professional Engineers and Engineers Interns being members of LES, we have a lot of room for improvement and growth.

LES is the engineer's voice in the Legislature and in matters of licensure and protection of the profession. While the technical societies do an excellent job of keeping the respective disciplines connected and informed in their field of practice, LES is the premier entity in keeping the profession as a whole connected and informed on matters concerning the practice of engineering in Louisiana, the U.S. and internationally.

One of the most important responsibilities and privileges that LES enjoys is the recommendation of appointees to the Louisiana Professional Engineers and Land Surveyors Board (LAPELS). LES recommends appointments to nine of the eleven positions. This is a responsibility LES takes very seriously. This year, our recommended appointment of Ted Thompson was accepted by the Governor. We look forward to and appreciate Ted's contribution to his profession. LAPELS dictates and directs the licensing of profession, and does an excellent job of protecting the public through regulation of our profession and that of surveyors.

This legislative year was an exciting one. We were successful in passing legislation, at the behest of LAPELS, that will assist their board in regulating the profession. We also worked successfully with the Louisiana Society of Land Surveyors in passing legislation to assist them in staggering their board appointments. We also successfully lobbied against such legislation as that which would have suspended the requirement of continuing professional development, as well as a bill to stop the "indemnity clauses" that engineers are often forced to sign in engineering contracts. We worked with the geologists to pass an equitable means for geologist to regulate their profession

without negatively impacting engineering practices. All this work is done by LES on behalf of all engineers (members and non-members). This was possible because of the work of both the Board and staff of LES and the numerous LES members that got involved.



Susan Richard, P.E. *Louisiana Engineering Society President*

In keeping with the objectives of promoting registration and honoring the achievements of engineers, LES continues to host, in association with LSPS, ACEC/L and LAPELS, receptions to honor new registered professional engineers. Promoting registration is paramount to protecting our profession and the public welfare.

The Annual Engineering Conference was held at the Grand Hotel in Point Clear, Alabama on June 6-9. Despite a lower than expected turnout, the conference was thoroughly enjoyed by all attendees. We appreciate those who attended, and applaud the hard work of the conference chairman Alan Krouse and LES Executive Director Brenda Gajan. We would like to thank Alan and Brenda for making this such a wonderful event. We would also like to thank our many exhibitors and sponsors who supported the Conference. Attendees at this conference were able to obtain 12 hours of continuing education and experience a beautiful facility. We look forward to seeing everyone in Sandestin for the next Annual Meeting scheduled for June 26-29, 2011. It is a great facility that has hosted many successful meetings for LES.

The Louisiana Engineering Society has been very successful in keeping with its mission statement. The fact is that ALL engineers benefit from the work of LES while only 10% actually contribute through their membership.

Are You a Member of LES, and if not, WHY?

This may seem like a stupid question to ask, but the fact that you are reading this does not mean you are a member of the Louisiana Engineering Society. You must be a member of LES if you receive the Louisiana Engineer & Surveyor magazine, right? WRONG. The Louisiana Engineer & Surveyor is mailed out quarterly to over 15,000 engineers, surveyors and firms that are registered in Louisiana. If you are registered with LAPELS, you will receive a copy of the magazine. The reason I bring this up is that I have heard from several engineers that were not members, or had let their membership lapse, who told me they thought they were members because they receive the Louisiana Engineer & Surveyor magazine. A list of all of the current LES members is included in this issue on page 12. Take a moment to look this list over and see if your name is on the list. If it is, THANK YOU. Your support of the engineering profession through your membership in LES is invaluable.

If your name is not on the list, WHY? Is your absence from this list intentional or merely an oversight? Some feel that there is no benefit in being a member of LES, yet many of the benefits that they enjoy were provided through the hard work of many volunteers, supported by the membership of the 1,700 dedicated engineers that believe that LES will represent them and protect the future of the Engineering profession. So take a look at the list. If you are a member, review the list to see who is not, and give them a call. The membership form is on our website at www.les-state.org. Do your part to make LES a more powerful voice for ALL engineers.



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CALENDAR OF EVENTS

<u>August, 2010</u>

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- 15th JESC Planning Meeting Lafayette
- Honors & Awards nominations begin
- 27 Licensing Ceremony Baton Rouge

September: 2010

- 10 LES Board Meeting Houma, LA
- 15 Life Safety Code Seminar Many, LA
- 17 Life Safety Code Seminar Covington, LA
- 20-21 LAPELS Board Meeting LES State Office

October 2010

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- 15th JESC Planning Meeting Lafayette
- 15 Deadline for copy, Louisiana Journal, November issue
- 15 JESC agenda and registration form published in magazine

BATON ROUGE CHAPTER

By: Jim Ferguson, PE, MBA

Welcome to a new year with the LES Baton Rouge Chapter! This year marks the 112th year of the Louisiana Engineering Society. I would like to thank each member for taking part in sharing the LES legacy and providing the professional leadership in your respected fields. It is the substance of the individuals that sustains LES and makes this society great. I am privileged and honored to be a part of this society and to serve as your LES Baton Rouge Chapter President in what should be an exciting year. The other new board members for the year include:

President Elect:	Eric Erikson, P.E.
Vice President:	Michael Thomassie, P.E.
Secretary/Treasurer:	Robert Isemann, P.E.
Directors:	Mickey Robertson, P.E. (1st),
	Holly Morgan, P.E. (2nd)
Younger Member Chair:	Michael Somme, E.I.

We have a great schedule of speakers lined up for this year that should be of interest to all disciplines across the engineering spectrum. Our first luncheon in August will be a joint meeting with ASCE featuring the DOTD Secretary. Exact time and date will be coming out in the Chapter Newsletter soon. I hope to see you all there. If any of our chapter membership has any interests for certain upcoming speakers in the future,

or ways to make our chapter better, feel free to contact me at jferguson@brgov. com . I am here to serve you and will be glad to listen to any comments, critiques or concerns you may have. We strive



to make our chapter better, and that can only be done with feedback from our membership.

Each year our chapter works toward the LES mission by hosting events such as the E-Week Banquet, Math Counts, the Student Function, our Annual Golf Tournament, and our monthly luncheons. I plan to focus my year as President on education, promoting public awareness activities, and services to the public and the profession. Hopefully through the monthly newsletters and in conjunction with a few select speakers, these parts of our Mission Statement will be conveyed, understood, and inspire you as LES members to contribute by giving as much of yourself and your time as you can to make our chapter, society, and profession even greater. Lastly, thank you Geoff Wilson, 2009-2010 outgoing President; for all that you have given of yourself to LES in the past year. Your diligence in the past year has set the standard and our chapter has become better to reflect this under your leadership. I hope in this upcoming year to serve the society and its membership as well as you have.

<u>Bayou Chapter</u>

By: Melanie Caillouet, P.E.

I would first like to thank Heather Klingman, our past president. She has done a wonderful job for the last two years leading the Bayou Chapter, expanding our meeting participation, and stepping up when help was needed. I would also like to congratulate her on being nominated to the state board. I would also like to thank Michael D'Angelo, our past vice president. Along with being the vice president, he has also chaired the Mathcounts Committee for multiple years. This was especially difficult for him because his work has taken him out of our region.

We are starting this year off with a relatively new board. I would like to welcome Stanley Whitney as vice president and

MONROE CHAPTER

By: Joshua Hays, P.E.

I would like to thank our officers for their commitment to LES over the past year and encourage their continued support for this year. The officers for the Monroe Chapter for the 2010-2011 year are as follows:

President – Joshua Hays, P.E. 1st Vice President – David Gremillion, P.E.

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Daysi Salazar as Secretary/Treasurer. We also have appointed co-chairs for our two annual events, the Golf Tournament that is held in the Fall and Mathcounts in the Spring. If you would like information on

either of these events, please email me at melanie@gulf-south. com. We are always looking for ideas, volunteers and sponsors.

I'm looking forward to this year. After being secretary/ treasurer for the last four years, I know how rewarding this job can be. Hopefully with the help our new board members and chairmen, this year will be more successful than in the past.

2nd Vice President – Ronald J. Riggin, E.I. Secretary/Treasurer – Michael Pippen, P.E. Immediate Past President – Walter Carpenter, Jr., P.E.

The officers will meet in August to plan meetings and events for the Monroe Chapter. Our monthly meetings will be held on the second Thursday of each month beginning at noon.

SHREVEPORT CHAPTER

By: Eric Tillstrom, P.E.

In the upcoming year, the Shreveport Chapter plans to build on past successes while raising awareness of the engineering profession in our local community. Our meetings dates and meeting location are set, and we've begun lining up monthly programs. The Shreveport Chapter always delivers an outstanding MATHCOUNTS program, and this year promises more success with Joey Krefft at the helm. Engineer's Week will be another opportunity for our membership to take part in the excellent science and engineering programs offered in Northwest Louisiana. This past year many of our members volunteered to judge science fairs and participate in Sci-Port Discovery Center's E-Week student activities. The culmination of Engineer's Week will be our annual banquet which we will begin planning right away.



t's my privilege to have accepted Susan Richard's request to serve as this year's state Membership Committee chairman. As such, I'd like to undertake some creative methods of not only recruiting new members to the statewide chapters but also retaining current ones by providing incentives and reasons how membership benefits them. With the help of the other nine committee members, listed below, we shall devise strategies to boost our rolls, which will help financially by increasing paid dues and, hopefully, the public's awareness of us by having more folks involved in their local communities by participating in chapter activities. We will continue successful programs implemented by Scotty Baudoin, P.E., and his recent committees, but new ideas are always welcomed and encouraged from any society member because one of this committee's goals is to ensure your LES membership is a worthwhile personal and professional investment.

Following is a state membership breakdown as of July 19, 2010 (parenthetical values are for July 2009 and 2008, respectively):

Alexandria – 106 (101, 99); Baton Rouge – 373 (387, 375); Bayou – 84 (82, 81); Lafayette – 202 (212, 223); Lake Charles – 64 (87, 69); Monroe – 85 (87, 89); New Orleans – 380 (394, 386); Shreveport – 126 (124, 125); Total – 1,420 (1,474, 1,447). One event from last year that went over very well was a field trip to a local manufacturer. It was well-attended and the feedback was good. We'll be planning one or more similar outings for the upcoming year.

We initiated a new community service, last Spring, that we plan to expand on. We invited a teacher and student from a high school engineering magnet program to attend a monthly meeting. The technical speaker provided a good example of what engineers really do, plus the visitors had an opportunity to meet and talk to our membership. The feedback from the teacher and student was excellent. We'll be expanding this offering to more schools on a regular basis.

As you can see, no chapter has experienced much growth the last two years (Alexandria's the only above five percent at seven percent), but a few have suffered double-digit member losses the past year or two. Lafayette has lost double-digits each of the past two years, and Baton Rouge, Lake Charles, and New Orleans all dropped at least 14 members since July 2009 right after gaining similar numbers just the year prior. Rather than seeing these fluctuations, I'd like to see these numbers steadily increase by about five percent annually, so armed with a well-conceived plan and help from the local chapters, I don't see why we can't meet this goal. If the Saints can win the Super Bowl, anything's possible!

2010-2011 Membership Committee members:

Chairman – Joey Krefft, P.E., Shreveport Chapter Vice Chairman – Rebecca Johnson, P.E., New Orleans Chapter Board Sponsor – Joey Krefft, P.E., Shreveport Chapter Alexandria – Kevin Switzer Baton Rouge – Jim Ferguson, P.E. Bayou – Melanie Caillouet, P.E. Lafayette – Mike Smith, P.E. Lake Charles – Ted Thompson, P.E. Monroe – Mark Valentine, P.E. New Orleans – Robert Mejia, P.E. Shreveport – Lou Portillo, E.I.

LOUISIANA ENGINEER AND SURVEYOR JOURNAL • AUGUST 2010

Christopher David Abadie

J. Mark Able Mack Abraham

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Franklin H Jenkins Kristin S. Jerome Melissa R Jessen Dietrich W Jessen Jr. Blaine Johnson Rebecca A Johnson Sidney G. Johnson Roy E. Johnson Richard E Johnson Alfred E Johnson Aaron S. Johnson Gregory M. Johnson Steven E. Johnson Jr. Suman Jolly Sidney F Jones Robert E Iones Roy D Jones Larry D Jones Ronald H Jones Daniel E Jones Donald S. Jones Sr. Darrell K Jones Clint R. Jones Elmer Jones Vertie I. Jordan Steven Ray Joubert Kerwin E Julien Ralph W Junius Ir. Nathan J Junius Mark A Jusselin James W Justice Claude I Kaiser John W Kamphuis Ir. Olin C Karkalits Rickey I. Kastner Ir. Dennis G Kelley Bart Kemper Denson C. Kendrick H Glen Kent Jr. James H. Kepper III Kenneth W Kerry John Key Nguyen Kha Jon Khachaturian Rex J King Jr. David J Kirkwood George C Kleinpeter Jr. Keith A. Kliebert Heather Klingman Neil H Klock William A Klos Norval P Knapp W Chelsae Knight Cliff Knight Christopher P Knotts Joe Kolwe Frank R. Kolwe III Charles J. Konechne Joey Krefft Jr. Rajesh Krithiyasan Alan D Krouse David E Kunz Mallikariuna Kuruva Wade J Labat Kerry J Labauve Wayne M Labiche Gary I Lacombe Kenneth W Lacroix C Charles Ladner Larry F Lafleur Joseph J Lafranca Jr Theodore I Lala Joseph A Lalumia Bob G Lamb Dennis G. Lambert Robert J. Lambert Monica G Lanclos Harry Lee Lancon Jr. Jeffrey J Lancon Ronald Landreneau Glen A Landry Paul L. Landry Glen R Landry Alton A Landry Stephen I. Langlinais Pierre A Lapeyre Lucien M Larche Robert P Larkan Thomas Lasalle lames K Lass Clyde A Lasseign Raymond Joseph Lasseigne Bryan L. Lasseigne Allison J P "Sonny" Launey Roland W Laurent Lawrence J Law Robert D Law Ir. Alexander S. Lawler John C Lawrence John K Laws Ir. Jerry G Lazenby F Scott Leachman Robert J Lear Jr.

Iames A. Lebert Ir. Kainen T. Leblanc Kevin M Leblanc Felix L Leblanc Larry A Lebland Dale W Leblanc Blair P Leblanc Clyde H. Lebland WJ Lechtenberg Jr. James P Ledet Lawrence I. Lede Cullen J Ledet III Frank D Ledoux Allen Lee Paul M Legrand II Richard C Lehmann Wendel G Leibe Richard F. Leidv James J Lejeune Clarence M Leland Jr. Henry F Lemieux Guy W Leonard Krzysztof C Leonik Harold P Leray David A Leslié Ernest Levingston David B Levy Reginald D Lewis Terry W. Lewis George F Liebkemann III George F. Liebkemann IV H A Liles Donald L Lindemann Daniel S. Lindsay Ronald Stephen Lindsey Brian T Linxwiler Tang Jyi Liou James A Little Troy Byron Little Julia Ann Covington Lloyd Jacob M. Loeske Russell T Lohman Jerome C Lohmann Salvador E Longo Edwin C Lopez Uwe Jens Lorenz Daniel J Lorio III Paul A Lorio Ir. J D Lormand Cesar A. Lossa Leonard Noel Lott Stavros D Louchis David E Lourie Ben Louviere Jr. John L Lowery James D Lowther Ronald C Lovd John P Lozes Shawn T Luke Joel Fletcher Luke Jr. Roy A Lundy Phúc Luong Edwin B Lutgring Ir Walter G. Lyons Harold C Lyons Ir Ronald M. Madden Jerry M Madden Charles T Mader Benjamin N. Mader Roger J Maduell Robert J Maher III George J Mahl III Thomas Maier Benjamin J. Malbrough Oneil P Malbrough Jr. Luis F Maldonado David Maldonado Nichelle D. Malveaux Andrea B Manceaux Andrew V. Mancuso Dr L Mann Jason P. Manning Willard R Manuel James T Maranto Michael Marchand Wayland P Marcombe Charles J. Marino Marcel L Marquette III Ray H Marr Húgo A. Marrero Allen L Martin Clyde P Martin Ir Danny F Martin Thomas J. Martin Hal M. Martin Eric R Marx Anthony M Matherne Norma Jean Mattei George E May Paul S Mayeaux Randall Mayeaux Ray C Mayer Jennifer D. Mayo-Kihlken

Jeffry T Mazzanti Ronald I Mcalear Ravmond I Mccabe III Suzanne Mccain Glenn Mccall Craig M. Mccallister Ripley W Mcclure John A Mccorquodale Vincent A. Mccoy Matthew K. Mccumsey Nina C. McDaniel Merritt E. McDonald Harold W Mcelrov Michael N Mcgaugh Elwin L Mcgee Jacob H. Mcguffee William F Mchie George E Mcinnis Larry A Mckee James B McKeever Robert W Mckenzie Sr. James M Mckinnie Jr. Ken Mclaughlin George E Mclean Kenneth L Mcmanis Kenneth C Mcmanus Jeff B McMenis Andrew J Mcphate Sr. William H Mead Stephen J Meade Tammy S Meador Iames D Meares Murlyn J Meaux Robert Mejia Roger D Melancon Steven J. Melvin Katie E. Menard Rene P Meric Ir. Max M Merrick Steven A Metzger Vernon F Meyer Richard T Meyer Richard C Mever Charles E Meyer Dennis J Meyer Philip K Mevers Thomas G Meyers Kenneth J Meyn Paul L Miers Paul A. Miktus James L. Miles Floyd E Milford J Floyd E Milford III William H Miller Frank C Miller Ir. Reid A Miller Glenn E Miller Otis O Miller David L Miller Thomas T Miller Jr. Joel J Miller William L. "Luke" Miller Jefferv S Miller David Wayne Minton Stephen M. Mirambell Claude C Mixon Dan Mobley Iames D Moh Parviz Mojgani Mac N Mokhtarnejad Kamyar Molavi Jared B. Monceaux Todd Monroe James A. Monroe William C. Monroe Andre E Montagnet David Alan Monts Alan G Moody James N Moore John W. (Billy) Moore James E. Moore Holly S. Morgan Bryan S Morgan R Douglas Morgan Mark Ľ Morgan Dewitt L Morris Jr. Joe Morton Leslie R Mouton Kam K Movassaghi Ph.D. Lu M Mulino Charles Martin Munley Jr. Richard A Murdaugh David C Murla Jason M Murphy John M Murray Tony R. Musco Jr. Ali M Mustapha Peter C Mutty Sr. Robert C Mvers Christopher F. Myers Ridgely P Myers Babak Naghavi Dominique Naomi

Gordon M Naguin Norman Nassif Gabe A Nath Andrew A. Navarre Gordon E Nelson Charles W Nelson Kenneth H Nelson Wilbur Daniel Nesbit Jr. Rvan G. Nesbit David A. Nesmith Robert T Nethken Wolfgang Neumann Keith M. Neumann Ieevan Neunane Fred W Newton Tuan A. Ngo Enoch F Nicewarner David Wayne Nichols Jr. Frank Nicoladis Kurt M. Nixon Ron Norwood Brandon W. Nugent Richard P O'Connor Chad B. O'Neal Frank M O'quinn Donald I O'rourke Thomas R. Olinde Nicholas J Olivier Paul D Olivier Steven J. Opsal Michael P Ordogne Glenn P Orgeron Robert C Overall Jr. Eugene H Owen Derya B Ozyurt Jeremy F. Págoada Prakash B. Pahilajani Jack T Painter William J Palermo Vincent S Palumbo II Ching-Shan Pan David L. Parenton Richard L. Parish Riley M Parker Jill Ć. Parker-Witt Darvl B Patin Chris W Patrick Curtis G Patterson Maurice Paulk Grant Pecoraro Todd C. Pedersen Victor H. Pedraz N L Pellerin Oscar F Pena Jeffery M Pena Rawley M Penick Garland P. Pennison Edmond H. Pepper Joao F. Pereira Kenneth A Perret Rov A Perrin Joel T. Perrotti Donald J Pertuit Jane A. Petrus Bobby E Pettitt Sr. David R Pfeiffer Alvin L. Phelps Jr Iason P Phillins D Scott Phillips Richard E Phillips Donald R Phillips Jr. John I. Piazza II Lester Picard Marco J. Picciola II Joseph C. Picciola II Larry J. Picciola Patrick R Pickens Gregory D Pierce Jeffrev Allen Pike Pamela J Pilaroscia Joseph M Pilie Jr. Raymond E Pillow Míchael N Pippen Zeraka Oliver Pippin Aubrey E Pippin Michael E Pisani Michael T Pizzolato Morris C Place Jr. John J Plaisance II Paul J Plaisance Jr. James M. Poche Robert P Poche Martin T. Poirrier Russell I Ponder Thomas Brad Ponder Isaac R Porche Jr. Llovd E Porta Ir. James C Porter Trov G Portie Lou J. Portillo James E Powell Jr. Roy A Prewitt Ir. Charles E Prewitt

Bobby E Price Lance I Priez Richard M Primeaux Billy R Prochaska Vincent C Provenza Stan I Prutz Mark A. Quebedeaux Leonard C Ouick Jorge L Quiros Jr. Forrest N Raburn Byron D Racca Terry L Rainbolt Frank J Raley Timothy K. Randall Robert N Ranney Benjamin Rauschenbach Jesse G. Rauser Leslie A. Ravmond Katherine K Raymond Kirt G. Raymond John W. Raynor . Raymond J Reaux Michael R Redd George K Reech Kerry F Reed Albert W. Reed Barry J Reed Ioseph A Reine Daniel D Reneau Kirk A Resweber Paul W Reuter Larry F Reynaud Calvin I Rhines Richard Jason Ribes Richard Rice Ir Joe G Richard Jr Susan H Richard Iohn E Richard Donald L Richard Christopher K Richard Sarah Richard Jon A Richards Bruce D Richardson John W Richardson leffrev Howard Richardson Miles L Riemer Oscar Riess III Ronald J Riggin James L. Rike Tvrone A Rilev Pául Rilev Guillermo J. Rincon Gerard L Rispone Debra G Ristig Russell A Ritchie Ervin L Ritter Kevin P Rizzo Bob N Robards Jackie (Jay) WD Robbins II Jackie WD Robbins Douglas B Robert Mickey L Robertson Nolan M. Robichaux Jr. Eugene P Robichaux I Emile Robichaux Carl J. Robichaux Richard Robicheau Donald R Robinson Courtney R. Rock John B Roddey . Ronald I Rodi Garv E. Roebke R Bradford Rogers Marc J Rogers Sr Adam Rogge W (Bill) D Roland Jr. Russell J Rome Jr. Brian M Ronkartz William L Rose Daniel I. Rosenquist Edgar M Rosteet C ľ Roth Robert E. Rouquette Perry J Roussel Jr. Robert E. Rousset Louis E Routier III Gregory L. Rowland Joseph V Roy Bernard L Rúckstuhl Dean C Ruiz John H Rusch Brvan W Russell Matthew B Saacks Aziz Saber Gerald D Sachitano Ir. Davsi E. Salazar Luís A. Salazar Mohammad R Saleh Russell M Saliba Michael W Salmon Alfreda Coleman Sampson Michelle Saucier Lawrence A. Saunders

Jody M. Savoie Clarence J (CJ) Savoie II Richard L Savoie Clarence Joseph Savoie III Rachel J Savoy Malcolm O. Saves David B Scalfano Herbert A Schaeffer III Francis C Schaffer Jack Scheinuk Jr Donald B Schell William D. Scherer Stephen M Schmaltz Walter G. Schmidt Don R Schmieder Paul A Schmit Paul Schoeffler Jr. Robert H Schroeder Ir Mark A Schutt K G Scroggs Mason J. Seals G Arthur Seaver III Richard M See Robert A Segall Dreux A. Seghers Eugene M Sellers Charles Sellers Atri Sen Gregory P Sepeda Charles E Severance Jerry T Sewell John K Shackelford Anil C Shah Ziad A Shamma Bijan Sharafkhani Ronald J Shaw Danny G Shaw Edward L Shearer T C Shelton Steve T Sherrill Iosif E Shlyubsky Dmitry I. Shlyubsky Joseph M Shoemaker Brian B. Shollmier Richard R Shread Mark S Sibille Dean C Sikes Gerald A Simmons James F Simms Llovd M. Simms III Mona B Simon Shaun R Simon Thomas E Simon William E Simon Ph.D. Kirk I Simoneaux Matt Simonton Bernard J. Sincavage R M Singleton Ir Steven R. Skeele Joseph C Skinner G Wayne Sledge Michael B Slovensky Larry W Smart Claude D Smart William C Smith Kenneth W. Smith Lisa Smith Thomas M Smith Murray H Smith Larry G Smith I Charles Smith Patrick M. Smith Mike M Smith Scott H Smith Lisa D. Smith Lynne Smith David B. Smith Joshua A. Smith Adam D. Smith Matthew F Smith K Randal Smoak Albert M Smoak Clifton A Snow Ir Mark W Snow Frederick E. Sock David T Solberg Michael A. Somme Michael B Songy Luis R Sosa Keith J. Spampneto Thomas C Spangler Wesley J Sperier James R Spillers William Z Spivey Stephen Spohrer James S. Spore III Richard W Spottswood III Desmond C Sprawls Travis J. St. Pierre William W Stagg George O Starke John W Starring Tadeusz J Stawasz

Michael A Stein C. L. Jack Stelly Thomas A Stephens Ashby B Stevens James E Stewart Jeffrey B Stewart Bradley A Sticker Dennis R Stipe Samuel C Stone Robert S Stoops Thomas H Stremlau Henry T. Stremlau Frank B Stritzinger Michael W. Strobl John D Stromer Icel D Stromer Frank M. Stuart Charles W Stutes Shirley A Stutes Philip J Stutes Iose R. Suarez Aaron David Suire Gerald Mike Sulzer Theodore A Sundin W Blair Sundquist Charles D Sustendal George A Swan III Kevin G Switzer August J Szabo Cherry J. Talbert Michael Talley San Chiang Tan Avad M. Taofik Randal T Tassin Steven E Tate Gregory A Tatum Anthony J Taulli Christopher J Taylor William L Taylor Jr. William L Taylor II Vernon O Tekell Jr. Dwayne P Templet G Nelson Tennison Jimmy L Terrill Ashley M Theall Billv R Thedford Arthur R Theis William I Thevenote Terrell B Thibodeaux Angela Thibodeaux Adam D. Thibodeaux Christopher R Thibodeaux William C. Thomas Irwin P Thomas Michael I. Thomassie Jerry D Thompson Jesse Thomas Thompson Raymond H Thompson Theodore H. Thompson Dale C Thompson Horace A Thompson Jason T Thornhill Eric S Tillstrom Michael Tilly Eugene F. Tims Brett P Todd Ronald J Toomer Kim I Touchet Scotty M Touchette Prosper J Toups Larry H Townsend Frederick J Trahan Annie K Trahan Khai B. Tran Florence Elise Trappey Ann Forte Trappey Jennifer G. Treme Carolina M. Trewin Melvin L. Triay IV Paul D Trimble Stephen A Troxler Regis G Trumps Kellv C. Tucker Albert B Tucker Mehmet T Tumay Anthony J Turley Jr Glenn Á Ťurner William T Turner Ir Charles Robert Turner Robert M Turner Ross A Twidwell Oliver Lee Underwood Ir Mark M Unland Janardanan O Uppot Max O. Usrey Thomas L. Ussery Robert S Utley Roger S Utter James C Van Hoof Kevin C Vanderbrook Fred H Vanderbrook Jr. Ryan M. Vandersypen

Brian R. Vaughan Jarred M. Veillon Gabino Velasquez-Robles Michael Steven Vercher Louis P Verges III Louis P Verges Jr. John A Veronie Vincent Vicidomina Ernest A Vicknair Robert S Vincent Walter C. Vincent Todd A Vincent Robert F Vinet Karen E Vivien Lucien E Vivier Daniel H Vliet John F Vogt Jr. William H Vogt William T Vollman Thomas M Wafer Roy A Waggenspack Neil L Wagoner Allen R. Wainwright David A Waitz Frank H Walk John D. Walker William C. Walker Matthew J Wallace Andrea K. Wallis Zhiwei Wang Keith M Warden Earl W Wardlaw Jr. Alton R. Warner Shavna L. Watson Rickey L Watson Charles H Weatherly George F Webb III D Joseph Webre Jr. Ron L. Weicks David E Weidner Thomas W Wells Edward I Welsch IV Clarence N West Troy C West Wayne L. Westerfield Dennis W Westgate Karla E Weston C A Wethern Jr. William J Wetta II I Wade White Ir. Charles Henry White Terry J Whitmore Stanley B. Whitney III Gregory P Whittington Miles B Williams Sr. Gerald C Williams Max L Williams Janice P Williams Harold R Williamson Walter R. Williamson Frank L Willis Tom E Wilson Geoffrey L Wilson Shirley D. Wilson James A. Wilson James M Winford Jr. Joseph C. Wink Jr. Larry D Wink Sr. Benjamin C Winn Edmund W. Winston III John Bertin "Bert" Wintz Mary Anne Wolf Robert L Wolfe Jr. Everett M Wolverton George L Womack Robert P Wood Jessica D Woodward David W Wright Randall D. Wtihers John P Wust Jr. Mitchell P Wyble Francis H Wyble Derek M. Ybarra Joseph S Yeadon PhD Stephen L Yeich Crystal B Yoes Glenn D Young Barry G Ypya Andrew W Zagars Arthur M Zatarain Mark R Zeringer Chunlong Zhang Erwin I Zoch Marvin L Zochert

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LOUISIANA ENGINEERING SOCIETY

Clifton J Vanicor

NATIONAL SOCIETY NAMES LOCAL ENGINEER <u>A 2010 Fellow Member</u>

he National Society of Professional Engineers (NSPE) has named **J. Madison "JM" Drake, P.E.,**

L E.NSPE, to its 2010 class of Fellow Members. The Fellow membership grade honors Professional Engineers who have demonstrated exemplary service to their profession, society and their community. Since its creation in 2000, less than one percent of all NSPE members have advanced to this highest membership rank.

JM is the NSPE's representative to the nominating committee for the Southeast Louisiana Flood Protection Authority. He is certified as a Federal Project Director and is a participant in the Project Manager's

Career Development Program at the U.S. Department of Energy, his current employer. He is past State President of

the Louisiana Engineering Society, 2002-03; and a Federal Quality Examiner from 1998-2000. He served as Chairman

of the Leadership Council of the New Orleans Federal Performance Excellence Council from 2002-04. He is a Certified Safety Professional (CSP) and a Certified Quality Engineer (CQE). He has served as the President of the Greater New Orleans Science and Engineering Fair, 1996-1999; and as a member of the Regional Science Bowl Planning Team from 2001-09. He worked at the NASA Michoud Assembly Facility on the Space Shuttle External Tanks 1982-1992. J. M. is a veteran officer of the U.S. Army, serving from 1971 to1976. His interests include mentoring students, home

computers, digital photography, tennis, and travel. He and his wife, Marlane, live in New Orleans, LA.



2009 - 20010 LEGISLATIVE COMMITTEE REPORT

Ronald J. Rodi, P.E., Chairman

Mumerous bills were filed in the 2010 Legislative Session which related to the practice of professional engineering. There seems to an inordinate number of bills this session dealing with the practice of engineering including revisions to the engineering registration law; engineering contracts and professional liability; registration of professional geologists; restoration of representation on the New Orleans area flood protection boards, and continuing education. Following are the bills that were tracked:

OUTCOME OF LEGISLATIVE BILLS -2010 REGULAR LEGISLATIVE SESSION

Enacted Bills (Signed by Governor)

House Description

- 341 Provides for changes to terms of appointments to the La. Professional Engineering and Land Surveying Board
- 449 Provides for changes to the La. Professional Engineering and Land Surveying Board law
- 522 Extends the length of time to utilize of design-build contracts one more year
- 646 Provides for changes with respect to the Southeast Flood Protection Authority East and West, restoring LES appointees to the Boards
- 1292 Prohibits contractors convicted of certain crimes from bidding on public works projects

Senate Description

- 625 Prohibits certain indemnity provisions in certain motor carrier transportation contracts and certain construction contracts
- 788 Enacts the Louisiana Professional Geoscience Practice Act

Failed or Withdrawn Bills

House Description

622 Provides relative to professional fees and continuing education requirements for active military personnel

- 626 Replaces the composition and membership of all statutorily created boards, commissions, and like entities
- 1118 Provides that misdemeanor or felony convictions shall not be considered as a factor in granting certain professional licenses or permits if more than five years have elapsed
- 1482 Requires reductions in fees charged by licensing agencies under certain circumstances

Senate Description

- SCR 30 Suspends all continuing education requirements for occupations and professions
- 158 Changes licensure requirements for professional engineers licensed to practice in other jurisdictions
- 443 Provides relative to civil actions against healthcare providers and engineers (Expert Witness Report).
- 461 Provides relative to agricultural engineers and land surveying
- 560 Requires all state boards and commissions in the executive branch to file annually with the commissioner of administration, the speaker of the House, and the president of the Senate, a financial statement, and requires that all revenues received by such board or commission that are surplus be subject to appropriation for any lawful purpose
- 601 Provides relative to criminal sanctions for certain violations of the design-build process in awarding public contracts
- 777 Prohibits design-build and related types of contracts from being entered into after June 30, 2010

Gerald Simmons resumed his role as our legislative advisor, and was, as always, instrumental in tracking the various bills, providing valuable advice on legislative strategy and setting up meetings with legislative leaders. We continue to work closely with the Louisiana ACEC on related issues. Brenda, Cathy and Jason provided the important link in communications with the Board of Directions and the general membership as well as assisting in compilation of materials and related information.

LUNCHEON TO RECOGNIZE NEW LICENSEES

The Louisiana Engineering Society is again working with the Louisiana Society of Professional Surveyors and the American Council of Engineering Companies of Louisiana to formally recognize recent licensees of the licensing board. The Societies will be hosting a luncheon to recognize the achievement of each new licensee at Ralph & Kacoo's Restaurant on August 27, 2010.

If you are interested in attending, please contact the LES State Office at (225) 924-2021 or email your request to les@les-state.org.



Louisiana Engineering Society presents: Two 8hr Life Safety Code Seminars by Robert Miller The Building Code Institute, LLC

September 15, 2010, 8:00am – 4:30pm Cypress Bend Resort <u>OR</u> Many, LA

September 17, 2010, 8:00am – 4:30pm Holiday Inn Hotel & Suites Covington, LA

Designing With The Codes Seminar Series

The proposed seminar series for Year 2010 will address Significant Changes to the new 2009 Editions of NFPA 101 *Life Safety Code*, the *International Building Code*, and related egress topics addressed by OSHA for industrial Facilities and the 2004 ADA/ABA Guidelines which may be adopted in 2010 by the State. This would include but not be limited to occupancy classification, components of the means of egress, egress arrangement, protection of building structures, life safety systems requirements, and hazardous material occupancy requirements.

The seminar series takes a practical approach to learning the use of the IBC, Life Safety Code, and other related Codes and Standards enforced by building officials. The seminar often includes real examples that arise at final inspection that prevent occupancy of the building until costly corrections are made.

The objective of the seminar is to make the attendee aware of these issues so that they will be addressed at the design and documentation phase of the projects prior to start of construction.

Attendees should bring their copies of the NFPA 101-Life Safety Code and International Building Code. A copy of the 2009 Life Safety Code (Handbook recommended) may be purchased from NFPA on their website (<u>www.nfpa.org</u>). The 2009 IBC can be purchased from (<u>www.iccsafe.org</u>). Calculators may be required for several of the exercises.

REGISTRATION FORM

Pl	ease check the	he seminar you w	rish to attend:	
Septemb	er 15, 2010	at Cypress Bend	Resort in Many, LA	
		<u>or</u>		
September 17.	, 2010 at Ho	liday Inn Hotel &	suites in Covington	n, LA
Name:				
Address:				
City:		State:	Zip:	
PhoneNumber:	Fax	Number:		
Email:				
REGISTRATION: Society Memb (Lunch is included in regi		□ Non Member \$235	□ Visa □ M/C (We do not accept American Expre	ess)
Card No			_Exp.Date	
Signature:				
You may fa For	x your registration more information p	g Society, 9643 Brookline to: (225) 924-2049 or em lease visit our website: <u>w</u> , please call the LES office	ww.les-state.org	A 70809.
Sorry, no	refunds will	be given after S	September 1, 2010	
			minars, so register	now!!

Call Cypress Bend Resort (2000 Cypress Bend Parkway, Many, LA 71449) at 877-519-1500 to make your overnight room reservations. Special seminar room rate is \$99.

Call Holiday Inn in Covington (501 N. Highway 190, Covington, LA 70433) at 985-893-3580 to make your overnight room reservations. Special seminar room rate is \$89 and includes a free breakfast. Ask for room block code "LES".

LOUISIANA ENGINEERING SOCIETY 1898

LOUISIANA ENGINEERING SOCIETY

A state society of the National Society of Professional Engineers

LES LOUISIANA ENGINEERING SOCIETY

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

MEMBERSHIP APPLICATION

Name:	Middle Initial	L	Birthdate://
Sponsor's Name: (If applicat	ble – Not Required)		Circle one: Male / Female
Work and Home Addresses			
Please mail to: U Home	Work		
HomeAddress		_ Work	
City, State, Zip		City, State, Zip	
Phone	Fax	Phone	Fax
email		email	
Professional and Education:	al Experience		
	Construction Private Practice		Education
Preferred Chapter	If Known)		
			vGraduated/
Graduate Degree:	Major	College/Univ	vGraduated/
Professional Licenses:	E. State: License number	r.	License Year:
□ E Member Grades and Dues S		r:	License Year:
P.E. Member:	P.E. registration in any state or U.S. to	erritory or province of Canada.	\$203.00
E.I. Associate over 30:	E.I. certification in any state; or a grad actively pursuing an engineering c	0	
E.I. Associate under 30:	E.I. certification in any state; or a grad actively pursuing an engineering ca		
Student:	Enrolled in a full-time graduate or un	n. \$ 5.00	
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<u>PE Magazine</u> . Payments may Payment	be deductible under Internal Revenue C	Loue, out are not deductible as chai	mable contributions.
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Amount enclosed: \$	Check Visa M/C		
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			Bill date:/

THE SPEC SHEET

Daniel Mobley, CAE, *Executive Director* American Council of Engineering Companies of Louisiana

Advocacy

One of the benefits of your membership is advocacy. This year's legislative session closed on the June 21st and ended with mixed results for your association. We teamed with a doctor's insurance group to once again attempt to pass a Certificate of Merit (aka Expert Report Requirement). While we employed the services of a very qualified attorney to assist us with testimony, we were still unsuccessful. We are, however, going to look at different options for next year's session.

Other bills that were of interest to engineering firms were:

HB 341: Changed the terms of the members that serve on the LAPELS Board

HB 449: Changed the way that LAPELS can convene hearings

SB 788: Created a licensure board for geologists, but it was passed without a funding source

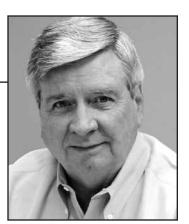
SB 507: **Could prove to be the bill that could be of the most concern to our firms**. Simply stated, if you are spending more than \$500 a year in aggregate on local politicians, you will be required to register as a lobbyist. This bill does not become effective until the first of next year. Do not confuse this with political contributions as they must be reported by the person receiving them. We along with AIA of Louisiana are planning on asking the Ethics Board for a ruling since this could add many people to their lists of lobbyists. We will be providing you with additional information as soon as we have it available.

For any of the bills that you would like to see more information on go to www.legis.state.la.us

Annual Meeting

Our Annual meeting was held July 15-18th at the beautiful Sandestin Resort on Florida's Emerald Coast. This year's event was special – the meeting was in conjunction with ACEC Alabama and Mississippi. Although this was the first time in a few years, we had excellent attendance and made up about 1/3 of the total registration.

Over 100 professional engineers in the region attended informative sessions presented by David Mockbee, Ray Kogan, and representatives from United Health Group. The speakers received EXCELLENT feedback from the engineers, whom were pleased by the presenters' ability to make difficult topics – such as "Contract Negotiations" – informative, yet engaging.



Daniel Mobley, CAE

On Saturday evening, a reception and dinner was held to officially install our new Board of Governors – Robin Greenleaf, the Vice-chairman of our National association, swore in the following members for Louisiana:



President Dean Nicoladis presented last year's president, Mike McGaugh, with a plaque of appreciation.

2010 - 2011 ACEC/L EXECUTIVE COMMITTEE

PRESIDENT

Constantine F. Nicoladis, P.E. N-Y Associates, Inc.

PRESIDENT-ELECT Anthony J. Mumphrey, Jr., P.E. TMG Consulting

VICE PRESIDENT E. Hunter Lancaster, III, P.E S.E. Huey Co.

TREASURER Sergio J. Girau, P.E. Linfield, Hunter & Junius, Inc

SECRETARY D. Brad Graff, P.E. Cothren, Graff, Smoak Engineering Inc.

NATIONAL DIRECTOR Michael N. McGaugh, P.E. ABMB Engineers, Inc.

2010 - 2011 ACEC/L MEMBERS-AT-LARGE

Robert A. Basinger, P.E. BBC Engineering, Inc.

Bruce H. Adams, P.E. URS Corporation

J. Ryan Spillers, P.E. Lazenby & Associates

James P. Ledet, P.E. T. Baker Smith, Inc.

Tuncer A. "Tony" Arikol, P.E. PECC

Mark B. Dubroc, P.E. Dubroc Engineering, Inc.

Bryant O. Hammett, Jr., P.E. Bryant Hammett & Associates, LLC

2010 - 2011 ACEC/L CHAPTER PRESIDENTS

Baton Rouge Chapter President Bob Schmidt, P.E. HNTB

Shreveport Chapter President Andy Craig, P.E. Mohr & Associates

New Orleans Chapter President Kurt Evans, P.E. Digital Engineering, Inc.

Lafayette Chapter President Thomas Gattle, III, P.E. Huval & Associates, Inc.

We also want to congratulate Ronald Boutte, P.E. of Shreveport who was awarded the prestigious A.E. Wilder Award. This award is through a nomination process received by our past



Bob Basinger presented Ronald Boutte with the A.E. Wilder Award

LOUISIANA ENGINEER AND SURVEYOR JOURNAL • AUGUST 2010

award winners - which he now joins. Congratulations Ron! Your Board of Governors' has asked that we explore dates in 2011 to again meet with ACEC of Alabama and Mississippi at the Sandestin Resort in Destin.

Netherlands

We recently sent a request for responses as to whether you would have an interest in traveling to the Netherlands with us next year. We have tentatively identified the dates of June 11-16, 2011. We will be getting more specific information in the near future as to spouse programs and transportation between the destinations that we will be visiting. If you have not seen the itinerary we received from the Netherlands Embassy, please contact us as it is very impressive. As a result, we have had a strong interest from a number of members wishing to attend.

Other News

We recently attended the retirement party of a long time active member to ACEC/L, Chris Demopolis, P.E. As a member for over 50 years with the association, Chris was a past Executive Board member and a recipient of the A.E. Wilder Award in 1980. We wish him luck in all of his future endeavors!



Left to Right: Dan Mobley, Andy Craig, Chris Demopolis, James Mohr, and Lee Underwood

On July 21, David Raymond, President of our National Association, traveled from Washington, D.C. to the Louisiana coast to see firsthand the effects of the oil to our wetlands and the wildlife that resides in them. Mr. Raymond along with the Vice Chairman, Robin Greenleaf, were welcomed by Dean Nicoladis (President), Mike McGaugh (National Director), and Kenny Smith (T. Baker Smith). We joined Mr. Smith in Grand Isle to see what they were doing to keep the oil from entering the bays west of the Mississippi River.

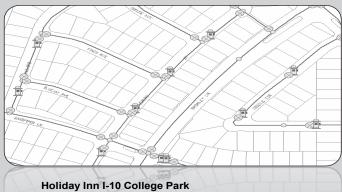


Left to right: Mike McGaugh, Daniel Mobley, Dean Nicoladis, Kenny Smith, Ben Malbrough, David Raymond, Robin Greenleaf

Attention Water Utility and Hydraulic Engineers Fire Protection, Refinery and Process Engineers!

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**This special price (30% discount) is made possible by our co-sponsors Pipe Tech and Charlatte US. (Regular price - \$595/ \$995)

Laptops required for work sessions. All participants will receive a free, fullyworking, 50-pipe version of Pipe2010. It is not recommended to sign up for Day 2 unless you have taken Day 1 or are familiar with the Pipe2000 GUI Each day provides 1 CEU or 8 PDH's For information contact Wendy Basil (859) 327-0110/ Wendy@kypipe.com ~ www.kypipe.com ~

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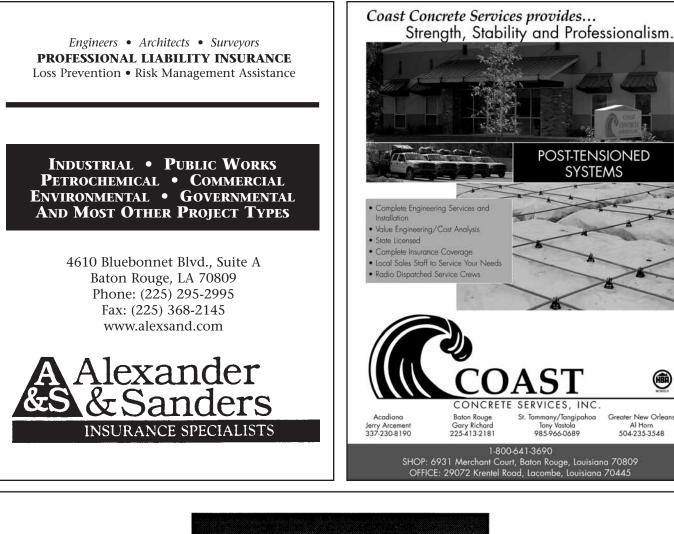
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