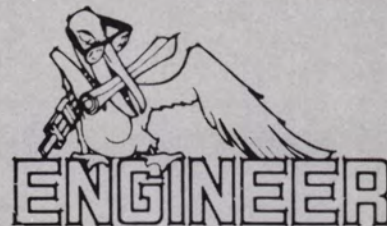
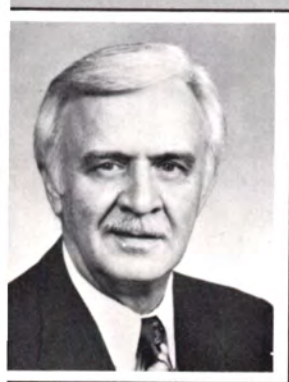




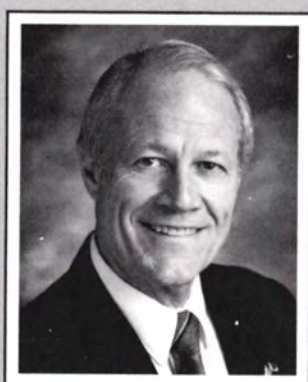
FEBRUARY, 1998
LOUISIANA



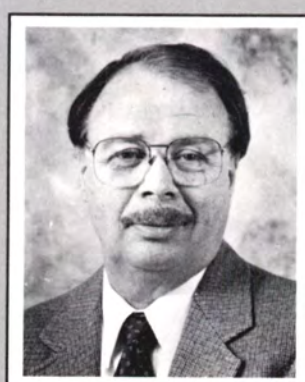
LES HONORS SEVEN ENGINEERS



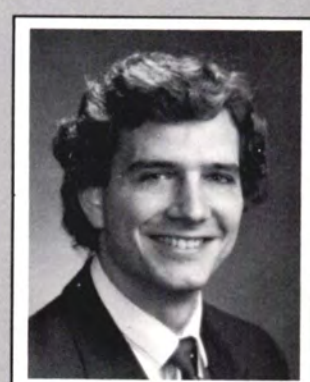
Thomas D. Hixson, P.E., P.L.S.
Waldemar S. Nelson
President's Award



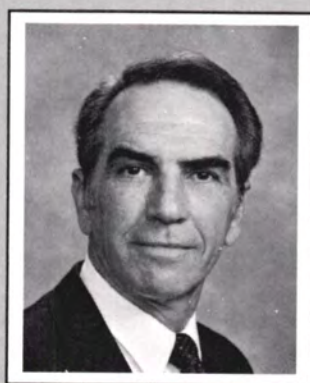
William E. Simon, Ph.D., P.E.
James M. Todd
Technological Accomplishment Award



John N. Crisp, Ph.D., P.E.
Charles M. Kerr Award



Christopher K. Richard, P.E.
F. Hugh Coughlin Award



Robert R. Aillet, P.E.
Andrew M. Lockett Medal



Ray W. Burgess, P.E.
A. B. Paterson Medal



James D. Mohr, P.E., P.L.S.
Leo M. Odom
Professional Services Award

Inside This Issue . . .

- ❖ Legislative Information — see page 10
- ❖ LES Ballots — see insert center of magazine

State of Louisiana



M. J. "Mike" Foster, Jr.
Governor

Proclamation

WHEREAS, engineers have served to improve the quality of life for our state, nation, and world for thousands of years. Engineering designs have resulted in clean drinking water, air conditioning and heating, automobiles and highways, airplanes, computers and copiers, abundant utility supplies, and most every other modern day convenience; and

WHEREAS, engineers are intricately tied to public safety. The profession impacts the public on a daily basis in almost everything we do; and

WHEREAS, the Louisiana Engineering Society (LES) was founded in 1898 by a group of New Orleans engineers and has been a member of the National Society of Professional Engineers (NSPE) since 1957; and

WHEREAS, the LES and NSPE focus on the engineer's responsibility to the public and their involvement in the community, particularly as related to licensing as a Professional Engineer; and

WHEREAS, registration as a Professional Engineer entails specific education, an internship, passing several qualification examinations, and the written testimony of other Professional Engineers as to an individual's professional and ethical character; and

WHEREAS, more than 10,000 Professional Engineers are currently registered by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors and are authorized to practice engineering. The Board is the legal body that regulates engineers and engineering activities.

NOW, THEREFORE, I, M.J. "Mike" Foster, Jr., Governor of the state of Louisiana, do hereby proclaim February 22 through 28, 1998, as

ENGINEERS' WEEK

in the state of Louisiana, in recognition of the many contributions made by Professional Engineers to the people of our state, and in annual celebration by the LES and NSPE.



Attest By
The Governor

Joseph S. Keithen
Secretary of State

*In Witness Whereof, I have hereunto set
my hand officially and caused to be affixed the
Great Seal of the State of Louisiana, at the
Capitol, in the City of Baton Rouge, on this*
the 2nd day of February
A.D. 1998

M. J. Foster, Jr.
Governor of Louisiana

Vision Statement

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

Mission Statement

The Louisiana Engineering Society is dedicated to the advancement of the engineering profession by pursuing 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 by a professional engineer 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.



LOUISIANA ENGINEERING SOCIETY

8126 ONE CALAIS, SUITE 1-A, BATON ROUGE, LA 70809

TELEPHONE (504) 766-2028 • FAX (504) 766-2038

E-mail - les@communique.net.

Home Page - <http://www.eng.lsu.edu/les.html>.

LES OFFICERS AND BOARD

President

Ronald J. Rodi, P.E.
(504) 769-0546

First Vice President

John J. Plaisance, II, P.E.
(504) 632-5596

Second Vice President

Theodore H. Thompson, P.E.
(318) 439-4552

Secretary-Treasurer

Steve Brown, P.E.
(318) 221-8312

National Director

Bobby E. Price, Ph.D., P.E.
(318) 257-3546

STATE DIRECTORS

Jack K. Laws, Jr., P.E.
(504) 749-3561

J. M. Drake, P.E.
(504) 734-4236

Dale LeBlanc, P.E.
(318) 989-4545

Paul Fryer, P.E.
(318) 387-2710

PAST PRESIDENT

Robert A. Brossette, Jr., P.E.
(504) 576-7169

EXECUTIVE DIRECTOR

Brenda W. Gajan
(504) 766-2028

CHAPTER PRESIDENTS

Alexandria

M. L. Virden, P.E.
(318) 445-6571

Baton Rouge

Philip Meyers, P.E.
(504) 927-5588

Bayou

Marc J. Rogers, Sr., P.E.
(504) 868-1050

Lafayette

Jeff Duplantis, P.E.
(318) 989-8047

Lake Charles

Pat Landry, P.E.
(318) 437-9104

Monroe

Andy Franks, P.E.
(318) 387-2710

New Orleans

Sergio J. Girau, P.E.
(504) 837-1666

Shreveport

Don A. Durr, Jr., P.E.
(318) 686-7190

PRACTICE DIVISIONS

Construction

Roger Melancon, P.E.
(504) 892-6500

Education

Bobby E. Price, Ph.D., P.E.
(318) 257-3546

Government

James N. Moore, P.E.
(318) 473-7792

Industry

Steven DeRouen, P.E.
(318) 583-3594

Private Practice

Steve M. Boudreaux, P.E.
(504) 765-7400

COMMITTEE CHAIRMEN

Constitution & Bylaws

Charles L. Eustis, P.E.
(504) 293-2460

Engineering Education

Fred J. Brown, P.E.
(504) 393-1279

Ethics & Professional Conduct

Foy B. Gadberry, P.E.
(318) 387-2710

Honors & Awards

Robert A. Brossette, Jr., P.E.
(504) 576-7169

Inter-Society Relations

J. M. Drake, P.E.
(504) 734-4236

Legislative

Jack K. Laws, Jr., P.E.
(504) 749-3561

Liaison w/ State Board of

Registration

John J. Plaisance, II, P.E.
(504) 632-5596

Long Range Planning

Theodore H. Thompson, P.E.
(318) 439-4552

MATHCOUNTS

Kerry J. LaBauve, P.E.
(318) 445-8910

Membership

Ali M. Mustpaha, P.E.
(318) 673-6035

Public Relations

Barry P. Cahagan, P.E.
(504) 927-9321

Scholarship

Bodin A. Hugger, P.E.
(504) 461-0577

Young Engineers

Chris Richard, P.E.
(318) 232-5182

In This Issue

Presidential Privilege	4
The Spec Sheet	5
LES Honors Seven Engineers	6
Legislative Information	10
Society News	12
Highlights of the Joint Conference	15
Member Placement Service	16
LES Ballots	Insert
Services and Suppliers	20
Professional Listings	21

Advertising Rates

Size	Width	Depth	Cost per issue	Cost per year
Full page	7"	10"	\$210	\$1008
2/3 page	4 3/4 "	10"	\$168	\$806
1/2 page horiz.	7"	5"	\$137	\$658
1/2 page vert.	4 3/4 "	7 1/2 "	\$137	\$658
1/4 page horiz.	7"	2 1/2 "	\$105	\$504
1/4 page vert.	3 1/2 "	5"	\$105	\$504
Professional Listings	2 1/2 "	1 3/8 "	\$32	\$154

- 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 contract 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 six times annually; February, April, June, August, October and December.

The LOUISIANA ENGINEER is the official publication of the Louisiana Engineering Society. The magazine is published in February, April, June, August, October and December. Subscription fee of \$24 yearly for engineers and non-engineers not living in the state of Louisiana. Two dollars of each LES member's annual dues is set aside for six issues of the LOUISIANA ENGINEER. Periodical postage paid at Baton Rouge, La. The Louisiana Engineering Society does not guarantee the accuracy of statements made or necessarily concur with opinions expressed in this publication. ISSN: (0024-6794)

POSTMASTER: Please send Change of Address Forms to LOUISIANA ENGINEERING SOCIETY, 8126 One Calais, Suite 1-A, Baton Rouge, La. 70809
Telephone 504/766-2028, FAX 504/766-2038



PRESIDENTIAL PRIVILEGE

Ronald J. Rodi, P.E. • President
Louisiana Engineering Society

NSPE Vote On Membership

In the March issue of *Engineering Times*, NSPE members will be asked to vote on a "state member" amendment to the constitution of our national organization. If approved, this fundamental shift in policy would allow National-only and/or State-only memberships. Current NSPE constitution and bylaws require mandatory enrollment in both the national and state societies. The proposed amendment (the "Texas" resolution or "states" resolution) was put forth by the Texas Society of Professional Engineers in response to declining membership. It has since been endorsed by the Montana, Nevada, Oregon, South Dakota and West Virginia State societies. As many of you know, LES from the beginning of its affiliation with NSPE in 1957 through 1988 allowed members to join as LES-only.

The LES Board of Direction discussed the "Texas" resolution in September and voted not to support the amendment. While we understand the importance (and difficulty) of the membership recruitment/retention process, we think that the recent re-engineering of NSPE should be given an opportunity to address membership problems rather than taking off on a radical new course.

Many eloquent arguments were made at the recent NSPE Annual Meeting on both sides of this debate. The primary advantages of the proposed system are increased state membership by attracting new members at a lower dues rate and the revenue generated by allowing the states to retain those funds. Disadvantages of the program are increased cost of recordkeeping, limited representation of members on a national level, duplication of efforts, need for more state level staff, financial setback to national programs (e.g. MATHCOUNTS) and the likelihood of severing all ties between NSPE and State Societies. The proponent State Societies frankly believe that their state organizations can not survive without this expanded membership category.

Responding to the issue, NSPE has established a "Membership Option" pilot program to determine if a revised plan would result in significant enrollment increases. The pilot program would operate for at least three years in three states to be selected by the NSPE task force. The objectives of the pilot program are (1) to enhance the effectiveness of NSPE by representing a larger portion of the engineering profession, (2) to improve member services and membership development from a broader economy of scale, and (3) to provide an avenue for entering the society at a lower initial cost.

No doubt, some action needs to be done to reverse the downward trend. Whether from economic conditions, changing work and life styles or simple individual needs, enrollment in NSPE as well as many other professional and technical organizations has continued to decline. Information from NSPE shows national membership dropped by 6% last year. Only eight states had increases in membership. Louisiana, by the way, had the largest increase in membership in number (92) and second largest in percent (8%).

The voting procedures require that for an amendment to become effective it must receive affirmative votes of two-thirds of the votes cast, provided that a minimum of 20% of the members entitled to vote cast ballots. In the event that the total vote of the members eligible to vote is less than 20% and the vote for the amendment is favorable, the amendment will be voted on by the NSPE Board of Directors at the Annual Meeting this summer. A two-third vote of the Board is then required for passage.

Whether you agree with the issue or not, your vote in this election is extremely important. Not only may you help decide the national debate, but you will be giving the LES Board your position if the final vote goes before the NSPE Board of Directors.



Warren J. Wilder • CEC/L Executive Director
Consulting Engineers Section

MEMBER DOCUMENTS WARTIME EXPLOITS



CEC/L Charter Member, Warren G. Moses, New Orleans, has documented his World War II experiences in his recently published book, Dragon Squadron. As a B-29 Flight Engineer assigned to the 498th Group of the 73rd Bomb Wing in Saipan, Moses flew 30 combat missions in the Pacific Theater, including the first fire raids over Tokyo, totaling 464 combat hours. For his wartime efforts, he received the Distinguished Flying Cross, an Air Medal with four oak LEAF clusters, a Distinguished Unit Citation with an oak leaf cluster, and a Pacific Theater ribbon with four battle stars.

Moses takes the reader through his early years and his love for model airplanes and aviation, a love which ultimately placed him inside the metal torsos of B-26s, B-25s, and the beautifully awesome B-29s. He describes most effectively the terror he and his crew experienced during their many raids over Tokyo when the Japanese fighter pilots would attack their formations and ram the bombers, and when all the anti-aircraft ground units would single out one bomber at a time,

concentrating their total fire power to bring it down. He capably addresses the boredom of sitting around waiting for the weather to clear, the good times spent with his buddies, as well as the excitement of the bomb runs. Moses concludes with some poignant remarks about the war and the people who participated (and did not participate) in it. The offering is liberally splashed with a number of photographs throughout.

This Executive Director has read it and recommends Dragon Squadron to you. It is a very good read by a person whom we all respect and admire. The book is available at MOSES ENGINEERS, INC., 909 Poydras Street, Suite 2150, New Orleans, LA 70112-1034. Your check or money order for \$18.50 will put the book in your hands.



ACEC/EPA LIAISON COMMITTEE MEETING HIGHLIGHTS

The ACEC/EPA Region 6 Liaison Committee met in early December in Dallas. CEC/L representatives on this important committee are Joe Roach, BALAR Associates, Inc., Shreveport, and Don Richard, Domingue, Szabo & Associates, Inc., Lafayette.

A special plaque of appreciation was presented to committee chairman of many years, Dayton Molzen, New Mexico, who recently announced his retirement. EPA's Myron Knudson addressed the current issues including states delegation. Richard Hoppers reported on the Water Programs and the Gore Initiative. The initiative says that EPA has got to better focus on the issues at hand. Petra Sanchez outlined the

requirements for Particulate Size. EPA has kept the PM-10 standards and added two new ones. It changed the form of 24-hour standard and made it a concentration-based standard instead of an exceedance standard. Sources of fine particles are generally from combustion-type activities, gases generated from sulphur oxide, nitrogen oxide, and volatile organic compounds. Coarse particles are typically from unpaved roads, material handling, and crushing and grinding operations. With regard to prescribed burning, EPA recognizes the importance of the role of the prescribed burn. EPA is working with USDA to develop a good approach on prescribed burns, something that will take in ecological benefits, but will also consider health effects. EPA is also working with USDA Air Quality Task Force. Through this task force came the unanimous endorsement of the need to continue researching the agricultural impact on air quality. The committee also discussed the Clean Water State Revolving Fund and the Drinking Water State Revolving Fund. Tom Reich reported that he has streamlined the Environmental Excellence Awards Program by combining certain categories. Jane Watson then reported on the Reduced NPDES Reporting Requirements.

The committee has planned its next meeting for early April. Copies of the meeting minutes are available from the CEC/L office.



CEC/L WELCOMES NEW MEMBERS

CEC/L welcomes its three newest members:

Zimmerman & Daniel Engineering Resources Management, L.L.C.

3609 Perkins Road, Suite G
Baton Rouge, LA 70808

The firm is qualified to offer services in Environmental, Petroleum and Civil Engineering. The co-Manager/Owner is Philip M. Zimmerman, P.E., a licensed Civil and Environmental Engineer.

4 Front Engineering, L.L.C.

2900 Westfork Drive,
Suite 200

Baton Rouge, LA 70827

The firm is qualified to offer services in Civil Engineering. The principal is Darrin P. Stein, P.E., a licensed Civil Engineer.

Apex Engineering Corporation

8555 United Plaza
Boulevard, Suite 300
Baton Rouge, LA 70809

The firm is qualified to offer services in Electrical and Mechanical Engineering. The president of the firm is W. Chelsae Knight, P.E., a licensed Electrical Engineer.

All are encouraged to become active in chapter and state issues. When you run into Philip, Darrin, or Chelsae, offer them your congratulations!



A SPECIAL NEW YEAR'S RESOLUTION

The New Year is still in its infancy. Many people have made resolutions for 1998 to better themselves personally and professionally. The same should hold true for the professional organizations to which you belong.

Continued on page 9

LES Honors Seven Engineers



Waldemar S. Nelson President's Award for Distinguished Service to LES

The Waldemar S. Nelson President's Award is given 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. This award is named in honor of Waldemar S. Nelson, P.E., a distinguished member of the Society since 1936.

Thomas D. Hixson, P.E., P.L.S.

Thomas D. "Dudley" Hixson is a senior consultant with, and a former owner of, Meyer, Meyer, LaCroix & Hixson, Inc., an Alexandria based consulting engineering and land surveying firm.

Mr. Hixson received his Bachelor of Science Degree in 1961 from the University of South Carolina and in 1964 completed Graduate Studies in Public Administration from the University of Montana. He is a registered professional engineer in Louisiana, Mississippi, Arizona and South Carolina and a registered Professional Land Surveyor in Louisiana.

Mr. Hixson has been very involved in many professional and technical societies during his thirty-five year professional career. He holds membership in the Louisiana Engineering Society, having served as State President in 1983-84 and as Alexandria Chapter President; the National Society of Professional Engineers having served as President in 1993-94; the American Consulting Engineers Council and the Consulting Engineers Council of Louisiana, Inc. having served as Alexandria Chapter President and State Director; the American Society of Civil Engineers; the American Society for Testing and Materials; the

Continued on page 8



James M. Todd Technological Accomplishment Award

The James M. Todd Technological Accomplishment Medal is given for distinguished services by an engineer for technological advancement or discoveries as contributions to the advancement of engineering.

William E. Simon, Ph.D., P.E.

William E. Simon, a native of Lafayette, Louisiana, received his undergraduate degree in Mechanical Engineering from the University of Southwestern Louisiana in 1963, after which he joined the NASA Johnson Space Center (JSC) in Houston. While working on the Apollo Program to put a man on the moon, he earned first a Masters degree then a Ph.D. in Mechanical Engineering in 1970 from the University of Houston. While at NASA he served in various capacities, beginning as a technical specialist involved in the development of electrical power systems for the Gemini, Apollo and Space Shuttle vehicles. He worked in the areas of cryogenics, thermal control, and propulsion integration, serving as Senior Thermal Control Engineer for propulsion and power subsystems (1972-76), Senior Power and Energy Systems Engineer (1976-78), and Space Shuttle Propulsion Systems Integration Engineer (1978-80).

In 1980 he joined JSC's management ranks as Chief of the Cryogenics and Thermal Control Section of the Propulsion and Power Division. He was promoted to Manager, Space Station Projects Advanced Development Office in 1985, Manager of JSC's Systems Integration Office in 1988, and Deputy Manager, Space Station Project Integration Office in 1989. He retired from NASA in 1990 with over 27 years in the agency.

Continued on page 19



Charles M. Kerr Public Relations Award

The Charles M. Kerr Public Relations Award is given to an engineer for distinguished service in the promotion of public relations for the engineering profession in Louisiana. It was first presented in 1965 and was named to pay tribute to Charles M. Kerr, LES President in 1954. Mr. Kerr was very active in the business world in promoting his chosen profession, engineering.

John N. Crisp, Ph.D., P.E.

Dr. Crisp obtained his Bachelor of Science in Mechanical Engineering degree from Georgia Tech, his Master of Science in Engineering from Akron University and his Ph.D. in Mechanical Engineering from Carnegie Mellon University.

He has over 12 years of industrial experience as a Mechanical Engineer, a Research Engineer and a Research Associate with the Timken Roller Bearing Company.

He has served on the faculty in various capacities at Tri-state College, the University of Dayton, the University of Kansas and Stevens Institute of Technology prior to coming to UNO in 1988. He also served as a Department Chairman of Mechanical Engineering at the University of Kansas. He was Deputy Provost and Dean of Engineering as well as the Jess H. Davis Professor of Mechanical Engineering at Stevens Institute of Technology.

He is at present the Dean of Engineering at UNO. Since coming to UNO in 1988, the faculty has more than doubled in size. The college has established four research centers of excellence and the research has grown from \$150,000/yr to over \$12 million/yr. The college has developed three fully funded endowed chairs at over \$1 million each and to date has two outstanding individuals to occupy two of the chairs. The college also

Continued on page 19



F. Hugh Coughlin Young Engineer Award

This award is given to an engineer not over 35 years of age who has, to a high degree, demonstrated capabilities in his chosen field. F. Hugh Coughlin was a member of the LES from 1944 until his death in 1979. His financial support not only pays for this award to infinity but other awards in our program. His interest in and support of young engineers was very instrumental in the establishing of this award. His name was added to the award in 1975.

Christopher K. Richard, P.E.

Chris Richard, a native of Lafayette, Louisiana, graduated from the University of Southwestern Louisiana in 1987 with a Bachelor of Science degree in Civil Engineering. He began his career as an Engineer-In-Training I in the Road Design Section of the Louisiana Department of Transportation and Development in Baton Rouge. In 1988, Chris accepted a position with the consulting engineering firm Bishop & Associates, in Sarasota, Florida, where he worked as a design engineer for various projects, including a major water main project for Sarasota County Utilities involving over 30 miles of water transmission mains ranging in size from 20" to 42" in diameter. He moved back to Lafayette in 1991, joining the firm of Domingue, Szabo & Associates as a project engineer. He is currently a project manager with the firm, designing and managing projects involving water treatment plants, wastewater treatment plants, water distribution and wastewater collection systems, general civil site work, and highway design, and has served as an expert witness. Most notably, Chris designed and managed the \$10 million renovation projects involving a 58-year old water treatment plant for the City of Lafayette as well as a project to capture,

Continued on page 17



Andrew M. Lockett Medal for Civic Activities

The Andrew M. Lockett Medal is the society's civic activities award and was first given in 1951. It is named to honor Andrew M Lockett, a member of LES from 1900 until his death in 1945.

Robert R. Aillet, P.E., P.L.S.

Robert R. Aillet, now retired, was a founder and principal and served as Chief Executive Officer of the consulting engineering firm of Aillet, Fenner, Jolly & McClelland, Inc. of Shreveport. He received his Bachelor of Science degree in Civil Engineering from Louisiana Tech University in 1950. He is a registered professional engineer in the states of Louisiana, Texas and Arkansas and a registered land surveyor in the state of Louisiana.

Mr. Aillet began his career in 1950 as an engineer with the Louisiana Department of Highways. From 1952 to 1958 he was employed by United Gas Pipe Line Co. as engineer responsible for design, plans and specifications of dehydration units and as field engineer responsible for construction of natural gas compressor stations, dehydration units, gasoline plants, and gas transmission pipe line river crossings. In 1958 Mr. Aillet joined E. M. Freeman and Assoc., Consulting Engineers where he was responsible for design of municipal water and wastewater systems and highway storm drainage systems. In 1960 Mr. Aillet, along with Robert Fenner, Edward Jolly and Harrod McClelland, founded Aillet, Fenner, Jolly and McClelland, Inc. where Mr. Aillet was responsible for firm activities in fields of municipal water and wastewater handling facilities. He retired in 1994 as Chief Executive Officer of Aillet, Fenner, Jolly and McClelland, Inc.

Continued on page 17



A. B. Paterson Medal for an Engineer in Management

The Louisiana Engineering Society has a special award for an engineer who distinguishes himself in management. This is the A. B. Paterson Medal, which was first given in 1965. Albert B. Paterson, an active member of the Society from 1923 until his death in 1952, was an engineer, administrator, executive, banker, civic leader and humanitarian.

Ray W. Burgess, P.E.

Ray W. Burgess, the son of Warren W. and Ethel Courtney Burgess, was born on July 17, 1921 in Baton Rouge, Louisiana. He attended grade school in Walker, Louisiana and graduated from Walker High School as valedictorian of his senior class. He graduated from Louisiana State University with a Bachelor of Science degree in Mechanical Engineering and afterwards returned to the University for undergraduate and graduate courses in Civil Engineering. He is a registered professional engineer in the branches of Mechanical and Civil Engineering.

Soon after graduating from college he was employed by Stone and Webster Engineering Corporation with headquarters in Boston, Massachusetts in various engineering capacities on large industrial construction projects in Louisiana.

In 1955 he was named Director of Public Works for Baton Rouge and the Parish of Baton Rouge. In 1960 he was named Director of the Louisiana Department of Highways, the top state job of this Department.

In 1964 he returned to his former post as Director of the Department of Public Works of East Baton Rouge Parish and remained in that position until he retired on January 1, 1981. After almost ten years of retirement, he was called back by the City of Baton

Continued on page 17



Leo M. Odom Award for Services to the Profession

The Leo M. Odom Award, named after its first recipient in 1972, is given for distinguished service to the engineering profession in Louisiana by a registered Professional Engineer member of the Society, who, over a period of long duration, has demonstrated leadership in technical societies and other professional engineering groups.

James D. Mohr, P.E., P.L.S.

James D. Mohr, a native of Caddo Parish, Louisiana, is President and Owner of Mohr & Associates, Inc., Consulting Civil Engineers and Land Surveyors, Shreveport, Louisiana.

Following graduation from Centenary College with a B.S. degree in Mathematics,

he was employed by the Caddo Parish School Board where he taught Math at Ida High School. He then enrolled in Louisiana Polytechnic Institute (now LA Tech University) to continue his education. After he received his B.S. degree in Civil Engineering, he was employed by E.M. Freeman, Consulting Engineer, where he received training under several engineers in all areas of Civil Engineering and Land Surveying. Mr. Mohr was next employed by Lambert Development Co., Inc. as Engineer and Surveyor for development of residential, commercial, and industrial subdivisions.

Mohr & Associates, Inc., is a professional corporation founded in 1966 by Mr. Mohr as "James Mohr and Associates" and has been continuously engaged in the private practice of professional engineering and land surveying since that time. Incorporation took place in 1970. At present, Mohr & Associates, Inc. employs a staff consisting of professional engineers, land surveyors, draftsmen, and support staff. He has been a guiding force in the engineering profession in the Shreveport area having employed and trained many young engineers who have gone on to start their own engineering/surveying firms.

Mr. Mohr is a registered professional engineer and land surveyor in Louisiana and Texas. He has been active in professional

organizations for many years. His affiliations include the Louisiana Society of Civil Engineers, American Society of Civil Engineers, National Society of Professional Engineers, Louisiana Engineering Society, Louisiana Land Surveyors Association, American Water Works Association, North Louisiana Historical Association, and the Home Builders Association of Shreveport-Bossier. He has held elected positions in several of these organizations including President of the Shreveport Chapter of Louisiana Engineering Society, Shreveport Chapter of the American Society of Civil Engineers, and the Shreveport Chapter of Consulting Engineers Council, as well as treasurer for the Louisiana Engineering Foundation.

Mr. Mohr served as chairman of the committee that developed the paving design manual for streets for the City of Shreveport. Because of his sense of humor and quick wit, Mr. Mohr is also a popular speaker at local Career Day events. He has received various Civic and Professional Awards.

Mr. Mohr is active in his church where he serves as a Deacon and Sunday School Director. He is married to the former Margaret Hughes, and they have three daughters and four grandsons.

Thomas D. Hixson, P.E., P.L.S.

Continued from page 6

American Academy of Environmental Engineers; the Louisiana Engineering Foundation serving as an Honorary Director; and the Society of American Military Engineers.

Mr. Hixson's involvement in the Louisiana Engineering Society began when he joined the Alexandria Chapter in 1967. His work took him to Atlanta, Georgia in 1970, but he returned to Louisiana in 1972. He served in all Chapter offices, culminating in his Chapter Presidency in 1974. Mr. Hixson served nine consecutive years on the Louisiana Engineering Society's Board of Directors serving as Chapter President, State PEPP Chairman, State Membership Chairman, Secretary-Treasurer, Vice-President, President and State Director. During his nine years of continuous Board service, Mr. Hixson missed only one Board meeting, and he says he would have been there, but the doctor wouldn't let him out of the hospital.

Mr. Hixson is currently serving as Chairman of the LES Reorganization

Committee and as Co-Chairman of the Louisiana Engineering Center Building Fund Drive.

Mr. Hixson has received a number of professional honors including the 1984 Louisiana Engineering Society's Andrew M. Lockett Medal for Civic Activities, the 1995 Leo M. Odom Award for services to the profession, the NSPE/PEPP Outstanding Service Award, and was recognized as the 1990 Executive of the Year by the Professional Secretaries International, LaPine Chapter.

Dudley, a native of Atlanta, Georgia, is married to the former Reba Jo Wells of Houston, Texas. They are the parents of two daughters, Sharon and Renee, one son, Michael, and have four grandchildren. Dudley and Reba are members of St. Timothy's Episcopal Church.

Mr. Hixson has distinguished himself throughout his career as a professional engineer who has unselfishly given of his time and resources to the advancement of his profession. His achievements exemplify the outstanding service recognized and honored through this award.



Special Recognition

Bryant O. Hammett, Jr., P.E., P.L.S.

At a recent LES Board of Direction Meeting, the LES Honors and Awards Committee recommended and the Board of Direction unanimously approved the selection to present Representative Bryant Hammett a "Certificate of Appreciation" for his support and guidance to LES during the 1997 Legislative Session. Representative Hammett will be awarded this certificate at the annual LES Awards Meeting this month.

Continued on page 19

The Spec Sheet *Continued from page 5*

This CEC/L Executive Director suggests a resolution and a challenge to you for this year:

**ENDEAVOR TO SPONSOR AND BRING
IN ONE NEW MEMBER TO CEC/L IN 1998.
ONE FIRM! THAT'S IT!**

Membership Development and Retention is the life blood of any organization. The strength of a particular group lies in its member numbers and the desire of those members to participate in the various activities of that group. The old adage, "No Pain...No Gain" certainly applies here. Take the time to approach a new firm, an old firm, a one-person firm, a 100-person firm, your friend, your competition, and explain to him or her the benefits of membership...why YOU joined CEC/L and ACEC. That's the pain. The gain may be a new member!

When you have an interested prospect, call CEC/L at (504) 767-7822. We have membership packets with a wealth of information. I'll send you one which you can pass on to your prospect. You may want to review it first to refresh your memory. Commit NOW to bring that one prospect in to membership. It is important to CEC/L and should be an important priority to you.

**REMEMBER...ONE NEW MEMBER!
THAT'S ALL!**

CEC/L AWARDS SCHOLARSHIPS

At a December luncheon in the President's dining room on the campus of Louisiana Tech, Ruston, LA, three Tech engineering students received scholarships, each having competed in the recent CEC/L Scholar of the Year competition.

On hand to present checks and plaques to the winners were Jerry G. Lazenby, P.E., West Monroe, LA, CEC/L's National Director, and Warren J. Wilder, CEC/L Executive Director. Other guests included the Dean of the College of Engineering and the heads of the Mechanical Engineering and Civil Engineering Departments.

Second Runner-up was **VITO G. CULOTTA**, a fifth year student majoring in Mechanical Engineering. He is the son of Donna and Joseph Culotta, Mansura, LA.

First Runner-up was **JASON C. MEZZIC**, a junior also majoring in Mechanical Engineering. He is the son of Cheryl Eppehimer and stepson of Ralph Eppehimer, of Covington, LA.

The winner of the CEC/L Scholar of the Year competition was **BRANDON AILLET**, a senior Civil Engineering major. He is the son of Robert Aillet, Jr., Monroe, LA. Incidentally, he is the grandson of Bobby Aillet of Aillet, Fenner, Jolly & McClelland, Inc., Shreveport, LA. Brandon has some definite ideas, attitudes and directions. In his essay that accompanied his entry, he points out that while working with a consulting engineering firm, experience can be gained doing various kinds of jobs that require education and technical knowledge.

CEC/L congratulates the winners and sincerely thanks Bobby E. Price, P.E., Ph.D., with the Louisiana Tech Civil Engineering Department, who saw to all the luncheon arrangements. More importantly, however, Dr. Price has consistently encouraged students to compete in the CEC/L contest year after year. Because of his faithful efforts, Louisiana Tech has sponsored a number of contestants and winners in the past. This year was a first for the university and CEC/L in that ALL THREE winners attend the same university.



L to R, Warren Wilder, Brandon Aillet, Jason Mezzic, Vito Culotta, and Jerry Lazenby

Continued on page 18



Taking care of your water and wastewater needs.

ENVIRONMENTAL TECHNICAL SALES, INC.

Ronnie Hebert, P.E.

7731 Office Park Boulevard • Baton Rouge, Louisiana 70809

Phone (504) 295-1200 • Fax (504) 295-1800

**Water • • Wastewater • • Sludge • • Air
Equipment — Systems — Solutions**

LEGISLATIVE INFORMATION

SENATE

Dennis R. Bagneris (D) 3
4948 Chef menteur Highway
Room 318
New Orleans, LA 70126
504/942-8198
504/942-8363

Diana E. Bajoie (D) 5
Post Office Box 15168
New Orleans, LA 70175
504/568-7760
504/896-1301

Robert J. Barham (D) 33
Post Office Box 249
Rayville, LA 71269
318/728-6830
318/728-3070

Ron Bean (R) 38
2520 Burt Kouns Industrial Loop
Suite 201
Shreveport, LA 71118
318/688-9865
318/688-9865

Mike Branch (R) 13
204 North Range
Denham Springs, LA 70726
504/664-3525
504/664-3602

James David Cain (D) 30
P.O. Box 427
Dry Creek, LA 70637
318/328-7266
318/491-2027

Foster L. Campbell (D) 36
1800 Jimmie Davis Highway
Bossier City, LA 71112
318/746-2078
318/746-2030

Tommy Casanova, III (R) 26
P.O. Box 1020
Crowley, LA 70527
318/788-3361
318/788-4904

Jim Cox (D) 27
723 Broad Street
Lake Charles, LA 70601
318/436-6611
318/436-9541

Donald R. Cravins (D) 24
200 West Pine Street
Lafayette, LA 70501
318/234-9695
318/234-7019

John L. "Jay" Dardenne (R) 16
P.O. Box 2976
Baton Rouge, LA 70821
504/342-9788
504/383-3733

Lynn Dean (R) 1
101 Dean Drive
Braithwaite, LA 70040
504/682-5772
504/682-0891

B.G. Dyess (D) 29
2017 MacArthur Drive
Building 4 - Office 8
Alexandria, LA 71308
318/445-1793
318/445-1047

Noble E. Ellington (D) 32
4272 Front Street
Winnsboro, LA 71295
318/435-7313
318/435-9885

Randy Ewing (D) 35
206 East Reynolds Drive
Suite H1
Ruston, LA 71270
318/251-4167
318/251-4160

Cleo Fields (D) 14
P.O. Box 94183
Baton Rouge, LA 70804
504/342-9793
504-342-5636

Wilson Fields (D) 15
2730 Wooddale
Suite A
Baton Rouge, LA 70805
504/922-0316
504/925-7300

Thomas A. Greene (R) 17
P.O. Box 338
Maringouin, LA 70757
504/637-3546
504/637-3546

John Hainkel (R) 6
704 Carondelet Street
New Orleans, LA 70130
504/581-3838
504/861-0500

Francis Heitmeier (D) 7
3709 General DeGaulle
New Orleans, LA 70114
504/361-6014

504/361-9794

Donald E. Hines (D) 28
P.O. Box 262
Bunkie, LA 71322
318/346-7283
318/346-2301

Ken Hollis (R) 9
2800 Veterans Memorial Boulevard
Suite 365
Metairie, LA 70002
504/828-6400
504/828-4100

Paulette R. Irons (D) 4
3308 Tulane Avenue
Suite 300
New Orleans, LA 70119
504/826-2498
504/826-2499

Jon D. Johnson (D) 2
7240 Crowder Boulevard
Suite 405
New Orleans, LA 70127
504/245-1542
504/245-1550

Charles D. Jones (D) 34
141 Desiard Street
Suite 315
Monroe, LA 71202
318/362-5469
318/325-2647

J. Lomax Jordan, Jr. (R) 23
P.O. Box 4321
Lafayette, LA 70502
318/233-9984
318/233-5312

Louis Lambert (D) 18
P.O. Box 94183
Baton Rouge, LA 70804
504/342-0667
504/342-0617

Ron Landry (D) 19
P.O. Box 189
LaPlace, LA 70069
504/652-2379
504/568-7405

Arthur J. "Art" Lentini (R) 10
4228 Williams
Suite 206
Kenner, LA 70065
504/469-4101
504/465-3463

Max T. Malone (R) 37
610 Marshall
Shreveport, LA 71101
318/676-5733
318/676-5734

Michael Robichaux (D) 20
P.O. Box 45
Mathews, LA 70375
504/537-7064
504/537-3803

Craig F. Romero (R) 22
P.O. Drawer 12539
New Iberia, LA 70562-2539
318/364-8006
318/364-7355

Tom Schedler (R) 11
P.O. Box 1656
Slidell, LA 70459
504/645-0144
504/645-0169

Phil Short (R) 12
P.O. Box 3064
Covington, LA 70434
504/893-6288
504/892-3042

John Siracusa (D) 21
8905 Highway 90 East
Morgan City, LA 70380
504/384-0703
504/384-0207

Mike Smith (D) 31
P.O. Box 1381
Winnfield, LA 71483
318/628-3075
318/628-5286

Gregory Tarver (D) 39
1104 Pierre Avenue
Shreveport, LA 71103
318/676-7874
318/676-7903

Gerald Theunissen (D) 25
P.O. Box 287
Jennings, LA 70546
318/824-0376
318/824-4780

Chris Uilo (D) 8
82150 Westbank Expressway
Suite 705
Harvey, LA 70058
504/361-6690
504/361-6691

HOUSE OF REPRESENTATIVES

John A. Alario, Jr. (D), 83
1063 Muller Parkway
Westwego, LA 70094-5616
(504)340-2221
(504)341-0794

Avery C. Alexander (D), 93
115 S. Galvez
New Orleans, LA 70119
(504)821-7435
(504)826-2509

Rodney Alexander (D), 13
P.O. Box 665
Jonesboro, LA 71251
(318) 259-8694
(318)259-4992

Glenn Ansardi (D), 92
1940 I-10 Service Road, Suite 125
Kenner, LA 70065
(504)466-1331
(504)466-6677

Robert E. Barton (R), 8
3018 Old Minden Road, Suite 1107
Bossier City, LA 71112
(318)741-7158

(318) 741-7159

Clara G. Baudoin (D), 39
1209 Mardi Gras
Carencro, LA 70520
(318)896-1340
(318)896-5967

Ernest Baylor, Jr. (D), 3
1902 Midway Street
Shreveport, LA 71108
(318)635-1850
(318)632-2050

Shirley Bowler (R), 78
231 Oak Avenue
Harahan, LA 70123
(504)738-1922
(504)736-7113

Beverly G. Bruce (D), 7
P.O. Box 884
Mansfield, LA 71052
(318)872-1666
(318)872-3764

C. E. "Peppi" Bruneau, Jr. (R), 94
145 Robert E. Lee Blvd., Suite 206
New Orleans, LA 70124

(504)568-7604
(504)483-4686

Robert J. "Robby" Carter (D), 72
P.O. Box 8
Independence, LA 70443
(504) 878-6377
(504)878-3094

Joel T. Chaisson, II (D), 56
P.O. Box 1255
Destrehan, LA 70047
(504)764-9911
(504)725-1992

Jacquelyn Brechtel Clarkson (D), 102
Westpark One - One Seine Court
Suite 102
New Orleans, LA 70114
(504)364-6102
(504)361-6020

Sherman Copelin (D), 99
107 Harbor Circle
New Orleans, LA 70126
(504)246-1166
(504)245-7825

Carl Crane (R), 70

836 Bancroft Way
Baton Rouge, LA 70808
(504)766-7274
(504) 765-2388

Israel B. Curtis (D), 26
630 Lee Street
Alexandria, LA 71302
(318)487-5417

N. J. Damico (D), 84
5201 Westbank Expressway, Ste. 201
Marrero, LA 70072
(504)349-8871
(504)349-8780

William Daniel (D), 68
3609 Perkins Rd., Suite G
Baton Rouge, LA 70808-2947
(504)344-8040
(504) 219-4356

Dirk Deville (D), 38
P.O. Box 297
Ville Platte, LA 70586
(318)363-0744
(318)363-0223

Charles W. DeWitt, Jr. (D), 25

P. O. Box 67
Lecompte, LA 71346
(318)776-5127
(318)776-5495

John C. "Juba" Diez (D), 59
P. O. Box 608
Gonzales, LA 70707-0608
(504)644-8608
(504)647-6068

Jimmy N. Dimos (D), 16
1216 Stubbs Ave.
Monroe, LA 71201
(318)388-4303
(318)388-4176

Everett G. Doerge (D), 10
732 Main Street
Minden, LA 71055
(318)371-3092
(318)371-3093

James Donelon (R), 88
P. O. Box 6993
Metairie, LA 70009
(504)838-0077
(504)838-0094

H. B. "Hunt" Downer, Jr. (D), 52
P. O. Box 7015
Houma, LA 70361-7015
(504)876-0870
(504)873-2076

Reggie P. Dupre, Jr. (D), 53
P. O. Box 3893
Houma, LA 70361-3893
(504)876-9902
(504)857-3713
(504)873-2016

Sydney Mae M. Durand (D), 46
P. O. Box 2674
Parks, LA 70582
(318)845-4240
(318) 845-4095

Naomi E. Farve (D), 101
P. O. Box 26249
New Orleans, LA 70186-6249
(504)942-8197

Robert Faucheux, Jr. (D), 57
P. O. Box 367
Gramercy, LA 70052-0367
LaPlace Office
(504)651-2889
(800)462-5017
Gramercy Office
(504)869-9180 (fax)
LaPlace Office
(504)651-0151 (fax)

Dan Flavin (R), 36
P. O. Box 6027
Lake Charles, LA 70606
(318) 477-1334
(800) 462-5022
(318)477-1336

Heulette "Clo" Fontenot (R), 71
P. O. Box 1238
Livingston, LA 70754
(504)686-0108
(504)686-2161

Mickey Frith (D), 47
P. O. Box 1134
Abbeville, LA 70511-1134
(318)893-5035
(318)898-1160

Gregory L. Fruge (R), 41
P. O. Drawer 72
Eunice, LA 70535
(318)546-6453
(800)462-5021
(318) 457-3785

D. A. "Butch" Gautreaux (D), 51
1015 Clothilde Street
Morgan City, LA 70380
(504)380-2433
(800)562-3204
(504)384-9404

Cedric Bradford Glover (D), 4
401 Edwards St., Suite 219
Shreveport, LA 71101
(318) 226-5665

(318)424-4187

Kyle Mark Green (D), 87
931 Westwood Dr., Suite B
Marrero, LA 70072
(504)348-7091
(504)896-1309

Elcie J. Guillory (D), 34
2322 Dewey St.
Lake Charles, LA 70601
(318)491-2320
(318)491-2020

Bryant O. Hammelt, Jr. (D), 21
P. O. Box 408
Ferriday, LA 71334
(318)757-3665
(318)757-6563

Alexander Heaton (D), 95
3323 S. Carrollton Avenue
New Orleans, LA 70118
(504)483-4235
(504)483-4415

Troy Hebert (D), 49
P. O. Box 32
Jeanerette, LA 70544
(318)276-6564
(800)258-3795
(318)276-5497

Herman R. Hill (D), 32
529 Tramel Road
Dry Creek, LA 70637
(800)259-2118
(318)639-4045

Melvin "Kip" Holden (D), 63
2013 Central Road
Baton Rouge, LA 70807
(504)774-8017
(504)771-5852

Roy Hopkins (D), 1
P. O. Box 63
Oil City, LA 71061
(318)227-2003
(318)995-6890

Charles I. Hudson (D), 40
1115 W. Vine
Opelousas, LA 70570
(318)942-5294
(318)948-7310
(318)948-0214

Willie Hunter, Jr. (D), 17
P. O. Box 3105
Monroe, LA 71210-3105
(318)362-5492
(318)322-8439

Kay Iles (D), 31
402 Mahlon
DeRidder, LA 70634
(318)462-2311
(318)463-2970

Louis "Woody" Jenkins (R), 66
914 North Foster
Baton Rouge, LA 70806
(504)928-3149
(504)928-5097

Raymond A. Jetson (D), 61
4551 Gus Young Avenue
Baton Rouge, LA 70802
(504)342-0774
(504)342-0364

Ronnie Johns (D), 33
3620 Maplewood Drive
Sulphur, LA 70663
(318)626-2010
(318)625-8232

Donald Ray Kennard (R), 65
P. O. Box 78280
Baton Rouge, LA 70818
(504)261-7382
(504)261-6426

Lelon Kenney (D), 20
P. O. Box 485
Columbia, LA 71418
(318)649-9100
(318)649-9102

Charles D. Lancaster, Jr. (R), 80
2201 Veterans Memorial Blvd., #200

Metairie, LA 70002
(504)837-4477
(504)837-4478

Mitch Landrieu (D), 89
1100 Poydras, Suite 2950
New Orleans, LA 70163
(504)568-5750
(504)582-2321

Jerry Luke LeBlanc (D), 45
P. O. Box 5459
Lafayette, LA 70502-5459
(318)233-1173
(318)262-5694
(318)262-1603

Jimmy D. Long (D), 23
4099 Hwy. 6, West
Natchitoches, LA 71457
(318)352-8424
(318)357-3235

Robert Marionneaux, Jr. (D), 18
P. O. Box 577
Livonia, LA 70755-0577
(504) 637-3623
(504)637-3124

Daniel R. Martiny (R), 79
131 Airline Highway, Suite 201
Metairie, LA 70001
(504)834-7676
(504)834-5409

Audrey A. McCain (D), 60
58045 Meriam Street
Plaquemine, LA 70764-2716
(504) 687-2225
(504) 252-4388
(504)687-0754

Jay McCallum (D), 12
P. O. Drawer 368
Farmerville, LA 71241
(318) 368-3348
(800)259-4416
(318)368-7602

Charles McDonald (D), 14
P. O. Box 1495
Bastrop, LA 71221-1495
(318)281-8121
(318)283-0851

F. Charles McMains, Jr. (R), 69
2325 Weymouth Drive
Baton Rouge, LA 70809
(504)925-4371
(504)925-4901

Michael J. Michot (R), 43
3125 W. Pinhook Rd
Lafayette, LA 70508
(318)237-1181
(318)237-1185

Danny R. Mitchell, Sr. (D), 2
2332 Jewella Avenue, Suite A
Shreveport, LA 71109
(318)632-2004
(318) 631-8070
(318)632-2118

Billy Montgomery (D), 9
4326 Parkway Dr.
Bossier City, LA 71112
(318)741-7387
(318)741-7388

Arthur A. Morrell (D), 97
3200 St. Bernard, Suite 108
New Orleans, LA 70119
(504)943-6520
(504)942-8196

Dan Morrish (D), 37
119 West Nezique Street
Jennings, LA 70546-5356
(318) 824-3979
(318) 824-5898
(318) 824-9495

Edwin R. Murray (D), 96
1540 North Broad
New Orleans, LA 70119
(504)945-0042
(504)942-5968

Kenneth L. Odinet, Sr. (D), 103
932 Angela Ave.

Arabi, LA 70032
(504)279-2555
(504)277-5664

Tony Perkins (R), 64
1110 Main Street, Ste. E.
Baker, LA 70714
(504)775-4400
(504)771-2150

Willfred Pierre (D), 44
718 South Buchanan
Lafayette, LA 70501
(318)261-0044
(318)262-5710

Gil Pinac (D), 42
P. O. Box 495
Crowley, LA 70527-0495
(318)783-7963
(800)462-5028
(318)788-4905

Henry "Tank" Powell (R), 73
423 S. 9th Street
Ponchatoula, LA 70454
(504)386-2910
(504) 386-0653

Renee Gil Pratt (D), 91
1636 Toledano Street, Suite 304
New Orleans, LA 70115
(504)896-1307
(504)896-1306

Roy Quezaire, Jr. (D), 58
P. O. Drawer 269
Donaldsonville, LA 70346-0269
(504)474-2025
(800)259-2024
(504) 474-2003

Charles A. Riddle, III (D), 28
P. O. Box 315
Marksville, LA 71351-0315
(318)253-0217
(800)259-0217
(318)253-8891

Errol "Romo" Romero (D), 48
P. O. Drawer 10909
New Iberia, LA 70562-0909
(318) 373-0020
(318) 373-0071

Benny Rousselle (D), 105
P. O. Box 161
Belle Chasse, LA 70037
(504)394-4080
(504) 392-6690
1-800-258-5431
(504)393-5603
(504)394-0052

Joe R. Satter (D), 24
P. O. Box 250
Florien, LA 71429
(800)259-4135
(318)256-4137

Steve Scalise (R), 82
P. O. Box 10595
Jefferson, LA 70181
(504)736-0510
(504)838-5212

Pete Schneider (R), 90
P. O. Box 400
Slidell, LA 70459
(800)259-3642
(504) 863-3642

Melinda Schwegmann (D), 98
6305 Elysian Fields, Suite 200
New Orleans, LA 70122
(504) 286-0717
(504) 286-1305

B. L. Shaw (R), 6
3825 Gilbert, Suite 131
Shreveport, LA 71104
(318)861-5924
(318)861-5923

Jack D. Smith (D), 50
St. Mary Parish Courthouse
Room 304

Continued on page 20

TOYS FOR TOTS

Our Toys for Tots campaign was a huge success!
The State Office collected over \$400 in cash contributions and
toys which were distributed to needy children.
Thanks to all of you who contributed!!!!

NEW MEMBERS

Baton Rouge Chapter

Danny L. Pace, P.E.
 Elvert U. Chisley, P.E.
 John K. Shackelford, P.E.
 Amer Trufail, E.I.

Lafayette Chapter

Keith L. Guidry

Lake Charles Chapter

Cathy F. Cloyd

Monroe Chapter

Rick Plummer, E.I.

New Orleans Chapter

Gregg A. Putnam, P.E.
 David W. Overstreet, P.E.
 Oscar J. Boudreaux, Jr., P.E.

Shreveport Chapter

Zafer Mudar, E.I.

Out-of-State

Hugh A. Hamilton, E.I.

❖ Alexandria Chapter ❖

by M.L. Virden, P.E.

Alexandria Chapter President

The Alexandria Chapter Christmas Party was held at Tunk's Cypress Inn Restaurant in Alexandria. Everyone enjoyed good food and great company celebrating the Christmas season. The party also served as an opportunity to collect items for the Toys for Tots campaign. Due to the outstanding support of our members, the Alexandria Chapter collected many toys and was the most successful chapter of the campaign.

The January monthly meeting was held at the Holiday Inn Convention Center. The guest speaker was Mr. Jay Ellington, with the Chamber of Commerce of Central Louisiana. Mr. Ellington spoke of the many attractions to the Alexandria/Central Louisiana area, such as intermodal transportation that includes an interstate highway system, an international capable airport, mainline rail service and a cargo port. Some other benefits that the area offers are a lower-than-average cost of living and a wide range of motels, restaurants and meeting locations.

The Alexandria Chapter wishes to congratulate two of its members to be honored at the Awards Banquet during the Louisiana Joint Engineering Societies Conference. These gentlemen are Dudley Hixson, P.E., P.L.S., who will receive the 1998 Waldemar S. Nelson President's Award and State Representative Bryant Hammett, P.E., who will be presented a Certificate of Appreciation for his efforts in the 1997 legislative session.

❖ Baton Rouge ❖

by Philip K. Meyers, P.E.

Baton Rouge Chapter President

The Baton Rouge Chapter successfully hosted the Second Joint Intersocieties Conference. This event was held February 5-6 at the Radisson Hotel in Baton Rouge. On Thursday the Conference featured a Townhall Meeting presided over by Board Member Merlin Pistorius with a panel consisting of Jorge Ferrer, Lawrence Man, Jr., Glen Kent, John Plaisance and Ernie Gammon. The meeting was well attended and the subject of continuing professional development was both informative and timely. On Friday twenty unique technical sessions provided attendees a variety of professional topics presented by speakers from ten different engineering societies. Friday's luncheon speaker, Dr. Loren Scott, reported an exciting "Economic State of the Union" for Louisiana. Twenty-two vendors set up booths at the conference exhibiting a wide variety of products that were of interest to the attendees. I would like to take this opportunity to express my thanks to the following individuals who contributed considerable effort to make this conference a success: Bart Kemper, John Starring, Brenda Gajan and Richard Savoie.

Calendar of Events

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Engineer* to: Editor, 8126 One Calais, Suite 1-A, Baton Rouge, LA 70809.

February

- 5 - 6** LES Statewide Honors & Awards Meeting and Joint Conference - Baton Rouge
- 7-21** MATHCOUNTS Chapter Competition
- 22-28** National Engineers Week

March

- 15** Deadline for copy, *LE Magazine*, April issue
- 27 - 28** MATHCOUNTS State Competition - Alexandria, LA

April

- 1** Election of Chapter officers, Practice Division chairs, & Committee appointments begin

May

- 8** Chapter Officers, Practice Division Chairs, and Committee appointments due to State Office
- 14-17** MATHCOUNTS National Competition - Washington, D.C.
- 27-29** LES Statewide Centennial Meeting - New Orleans

Important Dates to Know!

April 1

Election of Chapter Officers, Practice Division Chairs, and Committee appointments begin.

May 8

Chapter Officers, Practice Division Chairs, and Committee appointments due to the State Office for publication in the Roster.

BIOGRAPHICAL SKETCH OF CANDIDATES

OFFICE OF FIRST VICE-PRESIDENT



Theodore H. Thompson, P.E., candidate for First Vice-President (President Elect), is currently serving as Second Vice President of the Louisiana Engineering Society and as Chairman of the Long Range Planning Committee. He is a member of the Lake Charles Chapter, and a past President of

the Chapter. He is a registered civil and environmental engineer and LSIT in Louisiana.

Ted received his Master of Engineering Degree at McNeese State University this past May, his Bachelor of Science degree in Civil Engineering from McNeese State University in 1974, following a tour of duty with the United States Army. He is still active in the Army Reserve, with the rank of Lieutenant Colonel, and is an instructor with the Combined Arms Services Staff School. Ted has been employed by F. Miller & Sons, Inc. For over 23 years, where his responsibilities include risk management, worker safety, EEO and other regulatory compliance, scheduling, cost accounting, EDP systems management, and estimating. He is also a member of several committees of the Associated General Contractors, Chairman of the Safety Committee, and an instructor for their Superintendents Training Program.

Ted and his wife, Martha, have one daughter, Penny, a civil engineering student at McNeese.

OFFICE OF SECOND VICE-PRESIDENT



Steven W. Brown, P.E., candidate for Second Vice-President, is currently serving as the Chair-elect for NSPE-PEPP. He also serves on the PEPP Legislative and Governmental Affairs committee, the PEPP Program Review committee, and the Council on the Federal Procurement of A/E Services

(COFPAES). He has been an LES member since 1984, currently serving on the Legislative Committee and as chairman of the Professional Engineers in Private Practice Committee, Shreveport Chapter. He serves as a member of the Consulting Engineers Council's Legislative Advocacy committee and is a member of the American Society of Civil Engineers.

Steve holds a Bachelor of Science Degree in Civil Engineering from the University of Houston. He is a registered Professional Civil Engineer and Environmental Engineer in the State of Louisiana.

He is Principal and Vice-President of BALAR Associates, Inc. in Shreveport. Steve is married to the former Suzanne Chapman and they have three sons and one daughter.

OFFICE OF SECRETARY-TREASURER



J. Madison "J.M." Drake P.E., CSP, CQE, candidate for Secretary-Treasurer, is currently serving as State Director and Intersociety Relations Chairman of the Louisiana Engineering Society. J.M.'s involvement and active participation in LES dates back to the early 80's when he first became registered. He has

held all the New Orleans Chapter Offices as well as several state and NSPE Offices. J.M. has experience in handling the chapter finances and has served as Treasurer for the 1992 NSPE meeting held in New Orleans. He has remained membership chairman of the New Orleans Chapter for many years. He believes that all of our programs and activities are dependent on our membership base; recruiting, retaining and developing our members as they become involved in our many activities. Most recently as Intersociety Relations Chairman and State Director he assisted in coordinating the various activities of engineering societies across the state. J.M.'s vision for the future is increased unity within the engineering profession that also respects the diversity and varied talents of our individual members. J.M. states, "I'll work for you to gain more prestige for our profession from clients, customers and the general public".



John W. "Billy" Moore, P.E., candidate for Secretary-Treasurer, is involved in numerous professional organizations. He has served as President for both the LES Alexandria and Monroe Chapters as well as the Chairman of the State Membership Committee. He was Governor for the State of

Louisiana - PEPP and is currently serving on the NSPE Membership committee and Task Force. He has been the ASCE Louisiana Section President and is also a Past President of the CECL Monroe Chapter.

Some of the other professional and civic organizations in which Billy has been actively involved include the Louisiana Tech Engineering Foundation, Ruston-Lincoln Chamber of Commerce, Kiwanas and Jaycee Organizations.

Billy has received the LES Hugh Coughlin Outstanding Young Member Award, the ASCE Edmund Friedman Young Engineer Award and the LES Andrew Lockett Award for Civic Activities. Billy presently serves as Chief Financial Officer and Principal Owner of Meyer, Meyer, LaCroix & Hixson, Inc.

Billy received his BSCE from Louisiana Tech University in 1972 and his MSCE from Louisiana Tech in 1994. He is a registered Professional Civil and Environmental Engineer in the state of Louisiana. Billy is married to the former Janet Miller and they have two daughters, Monica and Melaine. Monica is a LA Tech graduate and Melaine is a junior at LA Tech. Billy and Janet are currently living in Baton Rouge where he also serves as manager of the Baton Rouge office of MML&H, Inc.

OFFICE OF STATE DIRECTOR



Philip K. Meyers, P.E., candidate for State Director, is the Vice President and Engineering Division Manager for G.E.C., Inc., a 124-person, multi-discipline consulting engineering firm located in Baton Rouge, Louisiana. As Engineering Division Manager, Mr. Meyers is responsible for all designs, plans

and specifications produced by the Engineering Department, while serving in an administrative capacity which includes contract review and negotiations, staff management, network and computer management, and providing oversight of company insurances and benefit programs. His experience and expertise ranges from complex structural analysis and designs to cost estimating, plan formulation and personnel management.

Mr. Meyers obtained his B.S. Degree in Civil Engineering from LSU and is currently registered as a professional engineer in the States of Louisiana, Texas, Mississippi, Florida, Georgia, Kentucky and Virginia. Mr. Meyers currently serves as President of the Baton Rouge Chapter of the Louisiana Engineering Society, of which he has been a member since 1992. He has also served on several committees, including the Louisiana Engineering Foundation Building Fund Raising Committee, the Honors and Awards Committee, the Member Committee and was Regional and State Chairman of the MATHCOUNTS Competition. Recently Mr. Meyers agreed to serve on the Design Professional Risk Control Group Claims Review Committee, a board consisting of members who lend their expertise and experience in developing strategies on large claims. Mr. Meyers is currently serving on the Louisiana Department of Transportation and Development

(LaDOTD) Quality Initiative Steering Committee and is the LES Representative to the LaDOTD Cell Roundtable Committee. He holds memberships in the National Society of Professional Engineers, the American Concrete Institute, the American Correctional Association and the Southern Building Code Congress International.

Mr. Meyers is an active member of St. George Catholic Church, the St. George Men's Club and the Catholic High School Mens Club. He was also the past President of the neighborhood Civic Association. He is married to Sherry Armand of Baton Rouge and is the father of two children, Brian and Kaitlyn

Ali M. Mustapha, P.E., candidate for State



Director, is Assistant City Engineer in the City of Shreveport Public Works Engineering Department. He is responsible for administrating the Design & Construction of Drainage Improvement projects. In addition, he is the Manager of the Floodplain & Stormwater Quality management Programs

for the city. Mr. Mustapha received his Bachelor of Science Degree in Civil Engineering from Louisiana Tech University in 1985. He is a registered Civil and Environmental Engineer in Louisiana and a registered professional engineer in Arkansas.

Mr. Mustapha has been a member of the Louisiana Engineering Society and NSPE since 1990 and is currently serving as Membership Chairman. He has served as President of the Shreveport Chapter in 1996-1997 and has chaired several committees of the Chapter. He also holds membership in the Association for State Floodplain Managers and Louisiana Floodplain Management Association. Ali is married and has three children, Angela, Ryan & Sara.

Louisiana Engineering Society 1998 Election

OFFICIAL BALLOT

This ballot contains the names of individuals nominated for the various 1998-99 LES state offices. Space has been provided for write-in nominees for each position. *All members other than student members, affiliate members, and honorary members have voting privileges.* BALLOTS MUST BE RETURNED ON OR BEFORE MARCH 27, 1998 TO BE COUNTED.

In accordance with Bylaw 10 of the "LES CONSTITUTION AND BYLAWS" "Any ballot to be counted must be returned as follows: the ballot will be marked or left unmarked in accordance with the instructions accompanying it. It shall be placed in the envelope furnished with the ballot and sealed. Sealed envelopes that are delivered directly to the Society State Office in Baton Rouge will be counted. Ballots that have postage due or that do not arrive by the closing date, shall not be counted."

FOLD B

BALLOT

FIRST VICE-PRESIDENT (*President-Elect*)

(Vote for one) Theodore H. Thompson, P.E. { }

_____ { }

Write-in

SECOND VICE-PRESIDENT

(Vote for one) Steve W. Brown, P.E. { }

_____ { }

Write-in

SECRETARY-TREASURER

(Vote for one) J. Madison Drake, P.E. { }

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

_____ { }

Write-in

STATE DIRECTOR

(Vote for two) Philip K. Meyers, P.E. { }

Ali M. Mustapha, P.E. { }

_____ { }

Write-in

FOLD A

INSTRUCTIONS: Detach ballot from center of magazine. Complete your voting choices on the ballot. Fold ballot at "Fold A", then "Fold B". Staple ballot at edge, and apply postage to front. Deposit ballot in the mail. Once received and validated by the Tellers Committee, the cover of your ballot will be removed so that the votes can be anonymously recorded. Ballots must be received by the Tellers Committee by March 27, 1998.

**LES Tellers Committee
8126 One Calais #1-A
Baton Rouge, LA 70809**

Place stamp
here.
The Post
Office will not
deliver mail
without.

❖ Bayou Chapter ❖

No Report

❖ Lafayette Chapter ❖

by Jeff Duplantis, P.E.

Lafayette Chapter President

Well, spring is almost in the air, the holidays have come and gone again, and hopefully everyone has more work than they know how to handle. With the cold weather and recent downpours there have not been many outdoor activities (unless you consider sitting in a blind or tree stand). However, the Louisiana Engineering Society has been very busy and the upcoming months will be no different. With the Second Louisiana Joint Engineering Conference being held on February 5-6 and the Lafayette area Mathcounts Competition hosted on February 7, things have been pretty hectic. This doesn't even include all the preparations being made for the Centennial Meeting in May. It sure is a good feeling to know that there are so many dedicated individuals out there willing to give of themselves in order to make engineering a better profession for us, and for those students preparing to enter the work force. I encourage those members of the Society that are just "members" to get involved; become an officer, join a committee. Become an active participant in your future, rather than hoping someone else is watching out for you. If you are reading this journal, you have taken the first step!

❖ Lake Charles Chapter ❖

by Pat Landry, P.E.

Lake Charles Chapter President

It is hard to believe that the National Engineering Week (E-Week) is upon us again. As some of you know, our 2nd Vice President, Mr. Rex King, resigned a few short weeks ago. With his resignation, the tasks associated with arranging for the E-Week celebration were left to the remaining officers. National E-Week is celebrated February 23 - March 1, 1998. McNeese State University's Engineering & Technical College will conduct Engineering Week activities one week early due to the Mardi Gras holiday and the Match Counts competition will be held on February 14, 1998. After discussing the issue with the other officers, we felt it appropriate to celebrate E-Week one week earlier than National E-Week. A request to the City of Lake Charles for proclaiming the week of February 16 - 22, 1998 as E-Week in Lake Charles has been made. The E-Week banquet will be held on February 19, 1998 at the Lake Charles Country Club. Cocktails will be served at 6:30 p.m. with dinner served at 7:00 p.m. followed by a speaker and engineering student recognition and awards following. Final arrangements for the speaker are underway. The cost is \$25.00/person payable in advance or at the door with reservations. Reserve your tickets by calling me at 437-9104(work) or 478-0135(home). Come out and support your organization and the McNeese engineering students. I'll see you at the Celebration!

❖ Monroe Chapter ❖

by Andy Franks, P.E.

Monroe Chapter President

Our MATHCOUNTS Coordinators, Ryan Spillers, E.I. and David Leslie, E.I., have done an excellent job in planning and securing funding for this year's competition. We have eleven (11) schools scheduled to attend, which is more than we had compete last year. Century Telephone contributed a large monetary sum for the competition and Pizza Hut has agreed to provide the lunch free of charge. The local competition is scheduled for February 21 and we are looking forward to an exciting day of mathematics in support of the engineering profession.

Louisiana Engineer • February 1998

I regret to inform you that this article is one of the last duties as Monroe Chapter President that I will have the privilege to perform. I will be moving out of state and will no longer be able to hold this position. I want to thank everyone for the encouragement and support that I have received this year. I am sure that Stanton Huey, Jr., P.E. will do an outstanding job as my replacement.

❖ New Orleans Chapter ❖

No Report

❖ Shreveport Chapter ❖

by Don Durr, P.E.

Shreveport Chapter President

In 1990, the Shreveport Chapter began recognizing local companies for outstanding involvement in LES and our Chapter, in particular. The Employer of the Year Award was first given to Arkla Gas and has been presented annually, except in 1995, at the Engineers' Week Banquet. Other recipients of this Award have been Mohr & Associates, Inc. (1991), BALAR Associates, Inc. (1992), NTB, Inc. (1993), Coyle Engineering Co., Inc. (1994), City of Shreveport (1996), and Jeff Raley of Smith & Raley, Inc. last year.

The recent historical research of the Shreveport Chapter revealed one local engineer who was instrumental in the founding of the Shreveport Chapter in 1949. He also actively promoted involvement in the LES and other professional Societies, strongly encouraging his employees to join LES. Many were automatically signed up upon being hired. Mr. E.M. Freeman was once referred to as "the father of engineering in the Shreveport area" and was cited for his "technical ability and unselfish devotion to his profession and fellow man". Mr. Freeman was the first president of the Shreveport Chapter, was the first of only two LES State Presidents from Shreveport, and in 1966 he was awarded the first Professional Engineering Achievement Award by the Engineering and Scientific Council of Shreveport. The officers decided this year to name the Employer of the Year Award in honor of Mr. Freeman for his many years of service and dedication to the LES, Shreveport Chapter, and the engineering profession. It is hoped that this award will encourage others to promote the importance of being involved in professional engineering societies.

The first E.M. Freeman Professional Society Participation Award will be presented to Aillet, Fenner, Jolly & McClelland, Inc., at the Engineers' Week Banquet on February 28. AFJM currently has employees serving as officers in three local professional organizations. Matt Wallace, P.E., is Secretary of the Shreveport Chapter, Barbara Featherston, P.E., is President of the Shreveport Branch of ASCE, and Ken Hill, P.E., is President of the Shreveport Chapter of CEC/L. In addition, Mark Snow, P.E., served as President of the ASCE Shreveport Branch in 1995-96 and currently holds the position of ASCE Director at Large for the Louisiana Section. AFJM has had three LES State Award recipients over the past six years. In 1993, Robert D. Fenner, P.E., was awarded the Leo M. Odom Award for Service to the Profession, in 1997 Mark Snow, P.E., received the F. Hugh Coughlin Young Engineer Award, and this year Robert R. Aillet received the Andrew M. Lockett Medal for Civic Activities. Employees of AFJM make up almost eight (8%) percent of Chapter membership and are always well represented at local LES meetings as well as ASCE meetings. The Chapter appreciates their support and is proud to honor them.

The Chapter is also proud to have two members who received State awards this year. In addition to Mr. Aillet, James D. Mohr, P.E. received the Leo M. Odom Award for Service to the Profession. These men have been strong supporters of LES, actively promote professional engineering, and hold the profession to the highest of standards. They are well deserving of these awards.

LONG RANGE PLANNING COMMITTEE

By: Ted Thompson, P.E.

The Long Range Planning Committee, in an effort to involve more members at state meetings, provide a venue for continuing education, and to make our meetings more "family friendly" and oriented, made a recommendation to the Board of Direction to hold the 1999 Annual Meeting in San Destin, Florida. The Board approved our recommendation and plans are proceeding.

Additionally, we are holding discussions with the Alabama Engineering Society regarding a tri-state meeting with them and Mississippi to share expertise and resources at San Destin. This will enable all of us to broaden our professional contacts. Also, to assist with Louisiana and Alabama's continuing professional development requirements, we plan to offer a minimum of 10.5 professional development hours.

There is much discussion in regard to taking an organization which promotes using "Louisiana Engineers First" out of state. It may seem at first glance a contradiction of ideas. Likewise, we are concerned with the cost to individual members to attend a Florida meeting. Unfortunately, actual participation and comments from attendees will be the final redemption or condemnation of our action; however, we do want your input to insure we are making our best efforts to meet the members needs.

On the plus side, we are scheduling the meeting for 16-19 June 1999 which will allow families to bring children with them. We are making an effort to have one morning and one afternoon free of sem-

inars or meetings in order for you and your family to enjoy the resort and time with each other. We hope to arrange a spouses brunch, golf and tennis tournaments, sand castle building contest, evening BBQ, beach volleyball, and kids activities.

For those of you not familiar with San Destin it offers both Bay and Gulf Beach activities, multiple swimming pools, numerous restaurants, proximity to Seaside and Destin, multiple golf courses, multiple tennis courts with different playing surfaces, hotel rooms, condos, and villas for families.

On the negative side is the distance you have to travel, the cost, and the fact that you are going out-of-state. To offset this we are taking a cue from doctors and lawyers who often venture out of state. We sought an area that was family oriented to enable you to use this as a mini-vacation. By providing meaningful educational opportunities at a reasonable price to the member, this meeting becomes, what we believe to be, a practical educational and business deduction.

The distance to travel, well, we are unable to correct; since it involves time-space continuum theory. Other closer locations were already booked for the time period involved. We hope to make this a meaningful enough experience and attraction to overcome the distance concerns. We anticipate this to be as big a success as other Louisiana business and professional organizations have achieved.

We look forward to comments on improving your meetings.

Ⓢ **BELLSOUTH Mobility®**

ATTENTION LES MEMBERS

New Service for Members!

Louisiana Engineering Society and
BellSouth Mobility

Team Up With A

Corporate Cellular Plan

FOR A LIMITED TIME ONLY

\$16.00/Month 30¢/Minute

HOW DO I SIGN UP?

For membership verification purposes you must contact **Nicole Blanco** or **Blane Brignac**, our BellSouth Mobility Representatives to be eligible for this offer.

Certain credit requirements and contract restrictions apply.

For Greater Baton Rouge area, please call **Nicole Blanco at (504)978-1900**.

For Ascension Parish area, please call **Blane Brignac at (504)644-0599**.

For Lafayette, Hammond, New Orleans and surrounding areas, please call either of the above.

Highlights of the Second Louisiana Joint Engineering Societies Conference



MARK YOUR CALENDARS NOW: LES Centennial Meeting - May 1998 in New Orleans

Plan now to join us in celebrating the 100th Anniversary of the founding of the Louisiana Engineering Society at the Centennial Meeting on May 27-29, 1998.

Theme: A Perspective on the Past, Present, and Future of the Engineering Profession in Louisiana

Headquarters: New Orleans Airport Hilton
901 Airline Highway
Kenner, Louisiana 70062
Phone: 504-469-5000

Features: Golf, Tennis, Tours, and River boat Cruise,
Banquet at the Plimssoll Club ~World Trade Center
General Membership and Committee Meetings
Seminars, Exhibits, Silent Auction and more.

Registration information and a detailed agenda will follow in the coming year. The Centennial Planning Committee is very interested in receiving your ideas and comments as well as committee volunteers. Please contact Frank Gallagher at (504) 599-5191 (Fax 504-599-5181).

Member Placement Service

Participation in the LES Member Placement Service program is offered at NO CHARGE to members in good standing (current year dues paid). Qualified members seeking employment in engineering positions may submit a "positions wanted ad" of 50 words or less. Ad must contain the following: position desired, brief description of experience, years of experience, degree (specialty or major, name and location of school), license type, and relocation status (if desired). A code number will be assigned to your ad in order to protect the confidentiality of your search for employment. NOTE: DO NOT SEND RESUMES! Only ads of 50 words or less, containing the information requested, will be accepted.

Submit ads to: Louisiana Engineer, ATTN Classified/MPS, 8126 One Calais, #1-A, Baton Rouge, LA 70809. For additional information, call the LES office at (504)766-2028. You may fax your ad to LES at (504)766-2038.

Employer: If you are interested in speaking with any of these or other LES member candidates seeking employment, please complete this form and mail to LES, 8126 One Calais, #1-A, Baton Rouge, LA 70809 or fax to (504)766-2038.

Name: _____

Company: _____

Title: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ Fax: _____

Ad number(s): _____

LES will contact the member candidate to inform him/her of your interest and will be given the name and phone number of the person from your company that desires an interview or discussion. The member candidate is responsible for contacting the company directly if he/she chooses. LES does not guarantee that the company will be contacted by the candidate or that the candidate will obtain employment as a result of this service.

I understand that my company will be charged a \$75 administrative service fee upon confirmation that a qualified candidate has secured employment with my company through this Service.

Name (please print): _____

Signature: _____ Date: _____

POSITION WANTED ADS

(Current as of February, 1998)

#1971

Mechanical Engineer with M.S., E.I.T., seeking position in the petro-chemical or power industry. Four years of maintenance experience in oil-pumping equipments. Two years in production computer assisted maintenance software. Experience in temperature, flow, and pressure measuring equipment. PC and mainframe computer skills. Fluent in French.

#1972

Mechanical Engineer, a self-directed engineer with over 20 years of engineering experience. Extensive knowledge of design engineering, operations, measurement and maintenance. Strengths include systematic approach to problem solving and attention to details. Broad knowledge of PC and network hardware and software, including troubleshooting and management. B.S. in Engineering Science from UNO. Louisiana registration P.E. - mechanical.

Intersociety Relations Committee

by: J. M. Drake, P.E.

The Intersociety Relations Committee (IRC) has been busy preparing the Roster of Engineering Societies which was printed in the December issue of the LA Engineer on pages 13 and 14. Twenty-three engineering organizations responded to this year's survey. Each organization's primary contact, in most cases the Chair or President, is listed along with phone numbers, addresses and this year, for the first time, e-mail addresses. The Roster of Engineering Societies is an excellent tool for helping to disseminate news and events to the whole spectrum of technical and professional societies across our state. The Intersociety Relations Committee maintains a database with the current information and also maintains an e-mail distribution list of all contacts that have e-mail. Individuals who do not have e-mail can be contacted by fax, phone or regular mail.

One of the year's primary events showcasing Intersociety cooperation is the Second Annual Joint Engineering Societies Conference being planned for the Radisson Hotel in Baton Rouge Feb 5-6, 1998. Ten participating societies are listed in this year's program as having helped to organize this year's event.

The LES Intersociety Relations Committee is proud to serve as the coordinating body across our profession. This role is an important one because of the wide diversity of technical organizations to which engineers within the various disciplines participate. The IRC gives voice to issues and events that affect all engineers and through this medium help to promote timely communications and unity within our profession.

For comments related to this article contact J.M. Drake at 504-242-4758 or e-mail to jmdrake@compuserve.com

DUES ARE DUE!

Members who have not yet paid 1998 dues are urged to do so by March 31st to insure continued services, mailings, etc.

Members remaining "unpaid" on April 1 forfeit membership.

**LES NEEDS ALL OF ITS MEMBERS . . .
MEMBERS NEED LES!**

RELICS WANTED for display in the LES Centennial Celebration May 27 through 30, 1998

Equipment and memorabilia symbolic of your profession as used in yesteryears such as slide rules, transit and level, instruments, knob and tube wiring, planimeter, original and early steel handbooks, early textbooks, 66' survey chain, photographs, velometers, etc. Each display will be captioned with a brief description and ownership. A separate, secure and protected area will be provided for this exhibit. All items will be returned. For voluntary contributions of displays and/or information call John B. Ebey, Jr., P.E. at (504) 837-6818.

Christopher K. Richard, P.E.
Continued from page 7

treat and recycle 500 million gallons of potable water per year (the first of its kind in EPA Region VI).

Chris has served in various capacities in professional societies. As a student at U.S.L., he served as President of the American Society of Civil Engineers (ASCE), and was a member of LES and Chi Epsilon Honor Society. In Florida, he was a member of the local chapter of the American Society of Civil Engineers and the Florida Engineering Society, and assisted with Mathcounts. Since 1991, he has been a member of LES and NSPE, and has served the Lafayette Chapter as Mathcounts Coordinator and Young Engineers Committee Chairman. Chris served as State Mathcounts Coordinator, is currently serving as the state Young Engineers Committee Chairman of LES, and is a member of the Long Range Planning Committee. During Chris's time as Lafayette Young Engineers Committee Chairman, Chris initiated the annual U.S.L. Tailgate Party to bring students and professionals together, and attended LES Student Chapter meeting to offer assistance and guidance. Student membership increased five fold over the two years Chris was chairman. As Mathcounts coordinator, the Chapter's fund raising efforts were so successful that they were able to provide T-shirts to all participants for the first time, and a sophisticated PLC (programmable logic controller)/ computer based scoring system was provided to the local chapter for the competition. As State Chairman of the Young Engineers Committee, Chris was successful in his pursuit of the change of "Engineer-In-Training" to "Engineer Intern", which was passed in the last Legislative Session. Under his leadership, the committee is working to establish LES Student Chapters at each of the six state universities which offer engineering and currently have no LES Student Chapter (only U.S.L. and McNeese have established chapters), and has pursued the institution of the Math Initiative Program statewide, in keeping with the highly successful Baton Rouge Chapter program. Chris is also active in ASCE, currently serving as U.S.L.'s ASCE Contact Member, and having served as Acadiana Branch Young Engineers Committee Chairman and the Louisiana Section's Student Activities Committee. Chris has served as a speaker at U.S.L. senior seminar classes, and as guest speaker at Louisiana Water Quality Technology Conference and at a seminar on the EPA Stormwater Permit Rule. He has served as a judge for the U.S.L. Engineering Day Department competition for the past five years.

Chris serves his community through Our Lady of Fatima Church, assisting with Facilities Planning. He assisted with the formation of a U.S.L. Civil Engineering Alumni Group to assist with fund raising, scholarships and mentoring, and is a member of the Steering Committee for the newly formed Engineering Alumni Chapter at U.S.L. He served as Chairman of the Metric Mastery Event of the Science Olympiad Competition at U.S.L. from 1991 to 1996, and Chairman of the Bridge Building Event in 1997.

Chris is married to Susan Richard, also a professional civil engineer with the firm of Domingue, Szabo and Associates, is the father of twin seven-year-old girls, Brooke and Sarah, and eighteen-month-old daughter Andrea.

Robert R. Aillet, P.E., P.L.S.
Continued from page 7

Throughout his 44 year career, Mr. Aillet was involved in a variety of projects for federal, state and municipal governments as well as private and industrial clients. He was in charge of the development of water and wastewater systems for the City of Shreveport and the City of Bossier. His prime expertise was in the areas of wastewater treatment and wastewater collection facilities. He was principal engineer in charge of development of 201 Facilities Plans for cities throughout Louisiana including Bastrop, Choudrant, Lake Providence, Oil City and Natchitoches Parish Sewer District No. 1. He was principal engineer in charge of design plans and specifications for wastewater collection and treatment facilities for the cities of Gilmer, Bastrop, Springhill, Lake Providence and Oil City.

A few of his major projects included concept, design, plans and specifications, industrial waste treatment and disposal for Barksdale Air Force Base, Atlas Processing, and General Motors Shreveport Plant.

Mr. Aillet served as President, Shreveport Section, American Society of Civil Engineers, Fellow in the American Society of Civil Engineers, and on the Board of Directors of the Consulting Engineers Council of Louisiana. He is a member of the National Society of Professional Engineers, the National Society of Professional Surveyors, the Louisiana Engineering Society, American Congress of Surveying and Mapping, Society of American Military Engineers, Consulting Engineers Council of Louisiana, and is past president of the Shreveport Chapter of the Water Environment Federation.

Bob Aillet is almost as well known in Louisiana for his work as a football official and member of the Shreveport Independence Bowl Committee and the Shreveport Sports Foundation as he is for his work as an engi-

neer. In 1987, he was awarded a resolution of honorarium "For His Many Years of Excellent Service as an Official with the Southeastern Conference and For His Contributions to Operation Shreveport Pride" by the City Council of the City of Shreveport, Louisiana, "for noteworthy and distinguished accomplishments and ...for positive image and goodwill ...for Shreveport and the State of Louisiana." During that same year he was inducted into The National Football Foundation Hall of Fame, Northern Louisiana Chapter, and awarded the Contribution to Amateur Football Award.

Mr. Aillet has been a member of the Shreveport Chamber of Commerce, the Bossier Chamber of Commerce, the Shreveport Committee of 100, past president of the Shreveport Sports Foundation, member of the board of directors of the Louisiana Tech University Alumni Foundation and the Louisiana Tech University Alumni Association.

Bob Aillet, a native of Youngsville, Louisiana, is married to the former Dorothy Adams of Ruston, Louisiana, and they have eight children and twenty grandchildren. They are members of St. Joseph's Catholic Church where Bob serves on the church's planning committee.

Mr. Aillet's long history of service to both the engineering profession and to the communities of Shreveport-Bossier City make him a worthy recipient of the Andrew M. Lockett Medal for Civic Activities.

Ray W. Burgess, P.E.
Continued from page 7

Rouge as Program Manager of a large street/road rehabilitation program. He originally signed a contract for seven months but this has been extended for seven years. Under his leadership, this program has been responsible for the rehabilitation of more than 1,000 miles of roads, representing an expenditure of almost \$131,000,000 yielding an underrun of \$1,500,000.

He is past president of the American Public Works Association and was selected as one of the "Top Ten Public Works Men of the Year" in 1969. He is past president of the American Road and Transportation Builders Association and of the Louisiana Good Roads and Transportation Builders Association. In 1987 he was elected to the "Louisiana Highways and Transportation Hall of Honor".

He is a life member of the Louisiana Engineering Society and the American Society of Mechanical Engineers, a life member and fellow of the American Society of Civil Engineers and a member of the National Society of Professional Engineers, and a member and past president/chairman of many other Boards and Commissions.

He is a member of the First Baptist Church of Baton Rouge.

He has been married to the former Melva Dinkel for 55 years and has three children and six grandchildren.

ACEC GOES HAWAIIAN

The 1998 Annual Convention of the American Consulting Engineers Council (ACEC) will be held at the Hilton Waikoloa Village on the Big Island of Hawaii. **THE DATES - MAY 3-6, 1998. MARK YOUR CALENDARS NOW!**

The Big Island, with its ebony lava flows, quiet rain forests, snow-capped mountains and sparkling waters is an island of striking contrasts. The island offers a variety of excursions found nowhere else. Kilauea Volcano is the world's most active volcano. Molten lava pouring into the sea sends gushes of steam into the air that can be seen for miles. Mauna Kea rises above the shoreline, and you can travel to the summit for a view of the stars from a 9,000-ft. vantage point. The Kona coast is the billfish capital of the world...take to the seas for the thrill of landing a deep-water fish. Should you want to stay on land, you can join a horseback excursion through Waipio Valley and the Paniolo ranchlands. There is something for everyone, and ACEC has planned a terrific tour program. A brochure with detailed convention and registration information will be mailed to all ACEC members in February with that month's issue of American Consulting Engineer magazine.

The convention theme is "Together Toward 2000." Educational seminars are plentiful, and topics include the following:

- * A Blueprint for Project Quality Improvement
- * International Project Opportunities
- * Recruiting and Retaining Stars for Your Firm
- * How to Sell QBS to a Public Client
- * The Ten Commandments of Financial Management
- * Marketing on the Internet
- * Ownership Transition for Small Firms
- * Surveyors Roundtable

A separate tour brochure from Mary Charles & Associates, ACEC's designated destination management company, is available now. This brochure outlines the many opportunities and options available to those who are thinking of attending. Because of the complexity of the tour program, registration for all tours will be handled directly through Mary Charles & Associates rather than ACEC. MC&A can also arrange for your transfer from the airport to the hotel. **Please call or fax ACEC's Meetings and Conventions Department to request a copy of this brochure. TEL: (202)-347-7474, FAX: (202) 898-0068.**

The Hilton Waikoloa Village is a destination in itself! Once you experience its sun-drenched beach, wide variety of dining, and endless array of activities, you will see why it is one of the most popular resorts in Hawaii. Arriving guests cruise on the Mahogany boats along tranquil waterways to lavish accommodations. Guests may also choose to travel by air-conditioned tram or stroll leisurely along flagstone walkways flanked by Polynesian and Oriental artwork along the resort's Museum Walk.

The resort also features two championship golf courses, fabulous tennis facilities and the full-service Kohala Spa, in addition to all the water activities offered in the pools and lagoon. You may want to participate in the unique Dolphin Quest - an educational encounter with dolphins under the expert guidance of professional staff. **ACEC's rates are \$143 single/double for garden/golf/mountain accommodations or \$165 single/double for run-of-ocean accommodations. Reservations can be confirmed by calling (808) 886-1234.**

ADVICE??? There are a lot of options available to those who are thinking of attending this fantastic convention. Make your decisions and commit as early as possible. This is particularly applicable to hotel reservations. Members have already been making their reservations for the past couple of months. Act quickly for a most personally memorable and professionally beneficial convention!

SERVING DESIGN PROFESSIONALS IN PRIVATE PRACTICE

PROFESSIONAL LIABILITY INSURANCE

LOSS PREVENTION - RISK MANAGEMENT ASSISTANCE

INDUSTRIAL · PUBLIC WORKS
PETROCHEMICAL · COMMERCIAL
ENVIRONMENTAL · GOVERNMENTAL
AND MOST OTHER PROJECT TYPES

AS
INSURANCE
SPECIALISTS

SERVING LOUISIANA
ENGINEERS · ARCHITECTS · SURVEYORS
FOR OVER TWENTY-TWO YEARS

ALEXANDER & SANDERS
9613 BROOKLINE · BATON ROUGE · 70809
504/924-1371



**LES
State Officers
and Directors
Election**

***Exercise your
voting privileges!***

*(See ballot insert in center
of magazine)*

**Ballots must be returned
on or before
MARCH 27, 1998
to be counted.**

William E. Simon, Ph.D., P.E.
Continued from page 6

With a large number of publications in the aerospace and thermal science areas, he is a registered professional engineer in the states of Texas and Louisiana, an Associate Fellow of the American Institute of Aeronautics and Astronautics (AIAA), and a member of the American Society of Mechanical Engineers (ASME), Louisiana Engineering Society (LES), and other technical and honor societies.

In 1990 he joined Lamar University as Professor and Chair of Mechanical Engineering, serving six years in that position. He is now Professor and Head, Department of Mechanical Engineering at the University of Southwestern Louisiana.

He is married with three children, and he and his wife Elaine, also a former NASA employee, and youngest daughter Catherine reside in Lafayette.

John N. Crisp, Ph.D., P. E.
Continued from page 6

developed four endowed professorships and selected four outstanding faculty to occupy the professorships.

Dr. Crisp is also the Executive Director of the Urban Waste Management & Research Foundation and Executive Director of the Gulf Coast Region Maritime Technology Center, a Navy Center of Excellence in Advanced Marine Technology.

In addition to existing undergraduate and master's programs in civil, electrical, mechanical, and naval architecture and marine engineering, the college has initiated a Masters Degree in Engineering Management and a Ph.D. in Engineering and Applied Science.

Bryant O. Hammett, Jr., Ph.D., P. E.
Continued from page 8

Bryant Hammett graduated cum laude from Louisiana Tech in 1978 with a B.S. in Civil Engineering. He is a licensed P.E. in Louisiana and Mississippi, and a P.L.S. in Louisiana. He started Bryant Hammett and Associates in August 1984, a Civil Engineering/Surveying Firm with 15 employees. Clients include municipalities, parish governments, and private sector employers.

Bryant was elected to the Louisiana State House of Representatives in 1991 and again in 1995. His district includes Concordia, Tensas, Madison, and East Carroll Parishes.

Bryant resides in Ferriday with his wife Susan, and three daughters, Ginny, Elizabeth, and Danielle.



Immediate Opening

Electrical Engineer, PE

Large industrial facility located just minutes from New Orleans seeks a qualified Plant and Maintenance Electrical Engineer with a Louisiana Professional Engineer (PE) license.

Responsibilities will include performing conceptual and design analysis for facility engineering requirements including equipment. Analyze and design high and low voltage systems, motors, controllers and servo mechanisms. Manage the Electrical Section of Plant Engineering and Maintenance Dept.

Call 1-800-820-6992
Fax resume to (504) 454-9393

Legislative Information

Continued from page 11

Franklin, LA 70538
(318)828-4100 x370
(318)828-7778

John R. Smith (D), 30
611-B South 5th St.
Leesville, LA 71446
(800)259-2709
(318)238-6444

Victor T. Stelly (R), 35
P. O. Box 12725
Lake Charles, LA 70612-2725
(318)855-7768
(318)491-2315
(318)855-7767
(318) 855-7768

R. H. "Bill" Strain (D), 74
P. O. Box 218
Abita Springs, LA 70420
(504)893-6246
(504)893-6247

Mitchell R. Theriot (D), 54
P. O. Box 308
Lockport, LA 70374
(504)532-3608
(504) 475-7191
(504)532-8040

Jerry Thomas (D), 75
828 Main Street
Franklinton, LA 70438
(800)259-6690
(504)839-5966

Francis C. Thompson (D), 19
Box 68
Delhi, LA 71232
(318)878-9408
(318)878-5650

Tom Thornhill (R), 76
1308 Ninth Street
Slidell, LA 70458
(504)847-1996
(504)641-5011

Joseph F. Toomy (R), 85

P. O. Box 157
Gretna, LA 70054
(504)361-6013
(504)361-6687

John D. Travis (D), 62
P. O. Box 412
Jackson, LA 70748
(504)634-7470
(504)634-7477

Warren Triche (D), 55
100 Tauzin Lane
Thibodaux, LA 70301
(504)447-0999
(504)537-6311
(504)448-2153

David Vitter (R), 81
Three Lakeway Center, Suite 2900
3838 N. Causeway Blvd.
Metairie, LA 70002
(504)832-3709
(504)838-5094

Wayne Waddell (R), 5
P. O. Box 6772
Shreveport, LA 71136-6772
(318) 219-9000
(318) 862-9721

Michael A. Walsworth (R), 15
704A Trenton
West Monroe, LA 71291
(318)340-6453
(318)340-0480

Thomas R. Warner (D), 104
3401 Jean Lafitte Parkway
Suite 200
Chalmette, LA 70043
(504)277-8491
(504)279-7193

Yvonne Welch (D), 67
1662 Thomas Delpit Drive
Baton Rouge, LA 70802
(504)342-9700
(504)342-9070

Sharon Weston (D), 29
P. O. Box 52783
Baton Rouge, LA 70892
(504)359-9352
(504)359-9353

Randy Wiggins (R), 27
13 Main Street
Pineville, LA 71360
(318)487-0105
(318)484-2322

Pinkie Carolyn Wilkerson (D), 11
P. O. Box 893
Grambling, LA 71245
(318)247-3400

Cynthia Willard-Lewis (D), 100
P. O. Box 871780
New Orleans, LA 70187-1780

(504)242-4040
(504)243-7790

Stephen J. Windhorst (R), 86
1601 Belle Chasse Highway, Ste. 201
Terrytown, LA 70056
(504)394-8000
(504)393-5601

Diane Winston (R), 77
P. O. Box 1163
Covington, LA 70434
(504)893-6262
(504)893-6261

Tommy Wright (D), 22
P. O. Box 2440
Jena, LA 71342
(318)992-8882
(318)992-8899

NOTICE!

The Louisiana Engineering Society Education Fund
has applied for and been granted tax exempt status
with the IRS. Your contributions to MATHCOUNTS and the Scholarship
Program will now be deductible
for income tax purposes.

YES. Please send me information on CEC/L

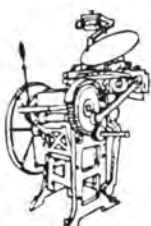
NAME _____

FIRM _____

ADDRESS _____

Mail this form to **CEC/L**
P.O. Box 1549
Baton Rouge, LA 70821-1549

SERVICES & SUPPLIERS



FAX 355-2178
PRINTING INCORPORATED
3019 PLANK ROAD (504) 357-5961
BATON ROUGE, LOUISIANA 70805



Scott M. Bergeron, P.E.
President
PROFESSIONAL TECHNICAL SUPPORT SERVICES, INC.
P. O. Box 3414
Baton Rouge, LA 70821
Corp. (504) 293-0136
FAX (504) 293-0196
Atlanta • Houston • Jacksonville • Pittsburgh



Delta Process Equipment, Inc.
P.O. Box 969 • 8275 Florida Blvd
Denham Springs, LA 70727-0969
(504) 665-1666
(504) 665-1855 Fax
Pumps • Compressors • Steam Engines • Blowers
Wastewater Treatment Equipment • Filters • Mixers

Baton Rouge, LA (504) 928-7848
McLean, VA (703) 734-9093
Pensacola, FL (904) 968-3799
email - meyer@afmeyer.com
A.F. Meyer & Associates, Inc.
Environment, Safety and Health;
Pollution Prevention, Hazardous Material Management;
Optimum Value Pollution Prevention for Navy and
Merchant Marine Applications
See our Home Page at <http://www.afmeyer.com>



Water King
WATER CONDITIONING
James E. Bowie, Jr., Ph.D., P.E.
President
103 Charbonnet Road
Duson, LA 70529 U.S.A.
Phone 318 988-2360
Fax 318 981-7922

SUMMIT CONSULTING GROUP, INC.
ENERGY AND ELECTRIC UTILITY CONSULTANTS
> industrial & Electric Utility planning
> industrial plant energy cost reduction
> engineering / economic decision analysis
> management consulting
> strategic business planning
Ben Claassen, Jr., P.E., PhD (504) 833-3932

Notary Public
Professional Engineer
Admitted in
Louisiana and
Mississippi

PERRY J. ROUSSEL, JR.
Attorney and Counselor at Law
1710 Cannes Drive
LaPlace, LA 70068
Roussel and Roussel
Located on Belle Terre Blvd.
FAX (504) 651-6592
Telephone (504) 651-6591

GULF STATES ENGINEERING CO., INC.
201 HARBOR CIRCLE
NEW ORLEANS, LA 70126
504-243-5500 FAX 504-243-5508
PUMPS • COMPRESSORS • BLOWERS
WATER AND WASTEWATER EQUIPMENT



Sea Water Conversion Equipment
Pharmaceutical Distilling Plants
Marine Heat Exchangers and Pumps
Reverse Osmosis Systems
MECHANICAL EQUIPMENT COMPANY, INC.
861 CARONDELET STREET, NEW ORLEANS, LA 70130 U.S.A.
PHONE: (504) 523-7271
TELEFAX: (504) 525-4846
TELEX: 460165

PROFESSIONAL LISTINGS

WALDEMAR S. NELSON AND COMPANY

INCORPORATED
ENGINEERS AND ARCHITECTS

1200 ST. CHARLES AVENUE
NEW ORLEANS, LA 70130



TELEPHONE: (504) 523-5281
FACSIMILE: (504) 523-4587
TELE: 564351 NELSENG

COMPLETE ENGINEERING AND PROJECT MANAGEMENT SERVICES
50 YEARS OF EXPERIENCE SERVING INDUSTRY

- SITE PLANNING / PERMITTING
- CHEMICAL / PROCESS / PETROLEUM
- CIVIL / STRUCTURAL
- ELECTRICAL / ELECTRONIC
- ENVIRONMENTAL / SANITARY
- INSTRUMENTATION / CONTROLS
- CONSTRUCTION MANAGEMENT
- MONITORING / MODELING
- MECHANICAL
- PIPELINE
- MINING
- HVAC
- ARCHITECTURE
- ASBESTOS

STB GROUP

INCORPORATED

STB Engineering
STB Industrial Services
STB Land Surveying
STB Information Solutions
STB Workcorps

P.O. Box 1751
Baton Rouge, LA
70821-1751
(504) 769-3400
Fax (504) 769-3596
www.stbgroup.com
Gonzales, LA (504) 644-7900
Natchez, MS (601) 442-4040



MONTGOMERY WATSON

Municipal Operations

3501 N. Causeway Blvd.
Suite 400
Metairie, LA 70002
Tel: 504-835-4252
Fax: 504-835-0009

Industrial Hazardous Waste
Operations

107 Mallard St., Suite D
St. Rose, LA 70087
Tel: 504-466-3956
Fax: 504-468-9203

Serving the World's Environmental Needs



ASSOCIATES • INC
ENVIRONMENTAL & ENGINEERING
CONSULTANTS

CORPORATE OFFICE
17120 PERKINS ROAD
BATON ROUGE, LA 70810
(504) 755-1000
FAX: (504) 751-2010

YOUR FULL SERVICE
ENVIRONMENTAL
CONSULTANT

LAMY J. CHOPIN, JR., P.E.

Engineered Solutions to Regulatory Issues

Baton Rouge • Lake Charles • Shreveport • Beaumont-Port Arthur • Austin



WINK, INCORPORATED

WINK ENGINEERING
W/E PROFESSIONAL SURVEYS
WINK ARCHITECTURAL
OCEANIC ENGINEERING

4949 Bullard Ave. • New Orleans, LA 70128-3147

Office: (504) 246-7924 Fax: (504) 246-8759

internet: wink@comm.net e-mail: wink@winkinc.com



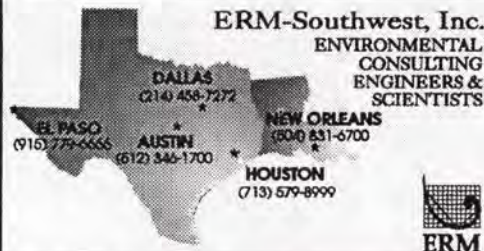
Parsons
Brinckerhoff
Quade &
Douglas, Inc.

3801 Canal Street
Suite 225
New Orleans, LA 70119-6071
504-488-1158
Fax: 504-488-3202
mcdaniel@pbworld.com

LOURIE CONSULTANTS

geotechnical and geoenvironmental
consulting services

...quality measured in the client's terms



ERM-Southwest, Inc.
ENVIRONMENTAL
CONSULTING
ENGINEERS &
SCIENTISTS



LOUIS J. CAPOZZOLI & ASSOCIATES, INC.
Geotechnical Engineers

Engineering Consultation
Laboratory and Field Testing
Land and Marine Site Explorations

10555 Airline Highway
Telephone (504) 293-2460

Baton Rouge, LA 70816-4199
Fax (504) 293-2463



Meyer, Meyer, LaCroix & Hixson, Inc.
Consulting Engineers & Land Surveyors

Alexandria
318-448-0888

Baton Rouge
504-756-1447

Ruston
318-255-7236



professional engineering
consultants corporation

Consulting Engineers

1450 Seaboard Drive

Baton Rouge, La. 70810 (504) 769-2810



BROWN & BUTLER, INC.

Consulting Engineers and Land Surveyors

General Civil Engineering & Land Surveying

8335 KELWOOD AVE. - SUITE D
BATON ROUGE, LA 70806-4804

PH. 504/924-0235
FAX: 504/926-1687
EMAIL: brwnbutler@aol.com



BALAR

ENGINEERS • SURVEYORS
CIVIL • STRUCTURAL • ENVIRONMENTAL



STEVEN W. BROWN, P.E.

BALAR ASSOCIATES, INC.
631 MILAM STREET, SUITE 200
SHREVEPORT, LA 71101

PHONE (318) 221-8312
FAX (318) 424-6508
EMAIL: swbalar@softlink.com

CDM

environmental engineers, scientists,
planners, & management consultants

CAMP DRESSER & McKEE INC.

3445 North Causeway Boulevard, Suite 600
Metairie, Louisiana 70002
504 832-7272

500 Laurel Street, 4th Floor
Baton Rouge, Louisiana 70801
(504) 387-3822

offices nationwide

ATCHLEY & ATCHLEY, INC.



CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
PLANNERS

412 La Salle Street

Shreveport, Louisiana 71107

PH. (318) 222-5821

FAX (318) 227-2233

E-Mail: atchley@ark-la-tex.com



Alliance, Inc.

Architecture • Engineering • Planning
Airport Consulting • Surveying

Petroleum Sq., Suite 100
Shreveport, LA 71107

1324 N. Hearne Ave.
Fax. (318) 221-7635

Phone (318) 221-7501

W. Thomas Turner, P.E.
President & Chief Executive Officer

3867
Plaza Tower
Drive

Suite 240

Baton Rouge,
Louisiana
70816

Telephone
504-293-6700

Fax
504-293-6709



TURNER &
ASSOCIATES, INC.

Environmental Consultants & Engineers

FORTE AND TABLADA, INC.

CONSULTING ENGINEERS

OFFICE (504) 927-9321 • FAX (504) 927-9326

P.O. BOX 64844 • BATON ROUGE, LA. 70896
9107 INTERLINE AVE. • BATON ROUGE, LA. 70809

TQM Systems®

Making Quality a Reality

12382 Mollylea Drive
Baton Rouge, LA 70815-6616
Phone: 504-273-4972 Fax: 504-273-4979

M.M. "Mickey" Christensen, P.E.
President IRCA Lead Auditor # A003773
RAB Lead Auditor # Q01741



ENGINEERING, INC.

3900 W. CONGRESS ST.
SUITE 101
LAFAYETTE, LA 70506

LAFAYETTE (318) 989-8047
CROWLEY (318) 788-3247
FAX (318) 988-3219

THE MEYER GROUP



Meyer and Associates, Inc.
Engineers • Planners
Vernon F. Meyer and Associates, Inc.
Surveyors
The Meyer Group, Inc.
Project & Construction Management

600 Cities Service Hwy. • P.O. Box 2149 • Sulphur, Louisiana 70664 • (318) 625-8353
5525 Mounes Street, Suite 102 • New Orleans, Louisiana 70123 • (504) 733-3770



SALMON & ASSOCIATES, INC.

Consulting Engineers serving the
Chemical, Petrochemical,
Petroleum and Metallurgical Industry

626 HIGHLANDIA
BATON ROUGE, LA 70810
(504) 752-7250

Office Ph. (504) 868-1050
N.O. Ph. (504) 586-8222
Home Ph. (504) 872-6003
FAX Ph. (504) 868-5843

T. BAKER SMITH & SON, INC.

CIVIL ENGINEERS & SURVEYORS
LAND - OFFSHORE - HYDROGRAPHIC
ENVIRONMENTAL RESEARCH

550 South Van Ave.
P.O. Box 2266
Houma, LA 70361

WM. CLIFFORD SMITH, P.E., L.S.
President



CH2M HILL
1515 Poydras Street
Suite 2110
New Orleans, LA 70112-3723
(504) 593-9421
FAX (504) 593-9460



WALK HAYDEL

A DAMES & MOORE GROUP COMPANY

- Project Managers
- Construction Managers
- Engineers
- Environmental Consultants

600 Carondelet Street
New Orleans, LA 70130-3587
Tel: (504) 586-8111 Fax: (504) 522-0554

LaBauve and Company Engineers, Inc.

A Professional Engineering Corporation

3640 BAYOU RAPIDES ROAD
ALEXANDRIA, LA 71303 PHONE: (318) 445-8910



CSRS

CHENEVERT • SONGY • RODI • SODERBERG
An Engineering/Architectural Corporation
10725 Perkins Road, Suite 200 • Baton Rouge, LA 70810
Phone (504) 769-0546 • Fax (504) 767-0060

Norman J. Chenevert, AIA Michael B. Songy, P.E., P.L.S.
Ronald J. Rodi, P.E. Curtis D. Soderberg, AIA

COYLE ENGINEERING CO., INC.



CHARLES G. COYLE, P.E.

P.O. BOX 6177
BOSSIER CITY, LOUISIANA 70117-6177

3925 BENTON RD
PHONE (318) 746-8987

DAVID VOLKERT & ASSOCIATES, INC.

Engineers • Architects • Planners

Patrick Wilson, P.E.
Vice President

3801 Canal Street • Suite 402
P.O. Box 791115
New Orleans, LA 70179-1115

(504) 486-6312
FAX (504) 486-6066

Office (504) 632-5596 Res. (504) 632-5646
Fax (504) 632-5628

J. W. P., INC.

J. Wayne Plaisance, Inc.

Civil Engineers • Land Surveyors

JOHN J. PLAISANCE, II
President

Post Office Drawer 730
Galliano, Louisiana 70354

Aillet, Fenner, Jolly & McClelland, Inc.
Consulting Civil, Electrical, Environmental & Structural Engineers
Robert D. Fenner, Joseph M. Walker, J. Wayne Roberson,
Gary W. Fenner, Kenneth V. Hill

Planning feasibility studies; land surveys, design, plans and specifications and construction inspection for bridges, streets and highways, airfields, water systems, sewage treatment and disposal, drainage, military construction, land development, and structural and foundation systems

1055 Louisiana Avenue
Shreveport, Louisiana 71101
Phone: 318-425-7452

423 Homer Road, Suite A
Minden, Louisiana 71055
Phone: 318-377-9700

MODJESKI AND MASTERS

CONSULTING ENGINEERS

Bridges • Highways • Structures
Mass Transit • Special Foundations
Reports Inspections Design
Inspection of Construction

1055 St. Charles Ave., New Orleans, La. 70130
(504) 524-4344

3645 Williams Boulevard
Suite 206
Kenner, LA 70065-3464
504 443 3437



Engineers, Architects
and Planners

Ford, Bacon & Davis

INCORPORATED



- CONSULTING
- ENGINEERING
- PROCUREMENT
- CONSTRUCTION

100 YEARS OF ENGINEERED SOLUTIONS

4001 Jackson St. 318/323-9000
Monroe, LA 71202 Fax 318/361-0962



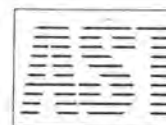
ARCHITECTS ENGINEERS PLANNERS

Comprehensive Services in

- Highway, Traffic & Drainage
- Bridges & Structural
- Environmental Site Planning
- Aviation

HNTB Corporation

8281 Greenwood Blvd., Suite 1 • Baton Rouge, LA 70806
(504) 927-8592 • (504) 927-8555 Fax



ASSAF,
SIMONEAUX,
TAUZIN
& ASSOCIATES, INC.

consulting engineers

8417 Kelwood Avenue Phone: 504/926-5600
Baton Rouge, Louisiana 70806 Fax: 504/926-5620



& ASSOCIATES, INCORPORATED
PROFESSIONAL ENGINEERS & ARCHITECTS

400 East Kaliste Saloom Road,
Suite 1100
P.O. Box 52115
Lafayette, LA 70505-2115

(318) 232-5182
LA WATTS (800) 737-5182
FAX (318) 237-7132

Lloyd G. Hoover, P.E.
District Manager
Alexandria, Baton Rouge,
Monroe, Shreveport, Texarkana



7222 Greenwood Road 71119
P.O. Box 19220
Shreveport, Louisiana 71149-0220
(318) 636 3673
(318) 636 3723 Fax

1-888-27DRIVE

(504) 755-2255

Fax (504) 755-2266



For a Quality Solution

Adjustable Speed Drives - Systems Integration

QUALITY DRIVES & SYSTEMS, INC

http://www.qualitydrives.com

info@qualitydrives.com

BURK - KLEINPETER, INC

ENGINEERS
ARCHITECTS PLANNERS
ENVIRONMENTAL SCIENTISTS

4176 CANAL STREET
NEW ORLEANS, LA 70119-5994

TEL (504) 486-5901 FAX (504) 488-1714

Denmon Engineering Company, Inc.

1973-1998

25 Years of
Quality
Engineering
and Surveying
Services

Engineers and Surveyors
PO Box 8460
Monroe, Louisiana 71211-8460
(318) 388-1422 phone
(318) 361-5036 fax

AREA CODE 318
433-0561

D. W. JESSEN & ASSOCIATES
CIVIL & CONSULTING ENGINEERS

440 KIRBY ST.
D. WALTER JESSEN, JR. LAKE CHARLES, LA

03 PICCIOLA PARKWAY
P.O. BOX 687
CUT OFF, LA 70345
(504) 632-5786
(504) 632-2407 FAX



PICCIOLA & ASSOCIATES, INC.

CONSULTING ENGINEERS & SURVEYORS

MARCO J. PICCIOLA, II, P.E., L.S.

gregory c. rigamer & associates, inc. professional consulting services

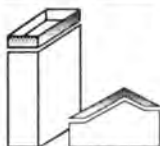
3230 W. Esplanade, Suite A
Metairie, LA 70002 (504) 836-6166

Michael W. Flores, P.E., P.L.S.

André DeHaan, P.E.



CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS • CONSULTANTS



Jim D. Koontz & Associates, Inc.

P. O. Box 1054

Hobbs, New Mexico 88240

Ph 505 392 7676

Fx 505 392 7602

Roof Consultants

Jim D. Koontz, P.E.
President



ALBERT • GARAUDY AND ASSOCIATES, INC. ENGINEERS

Multi-Disciplined Project Consulting Engineers

■ Oil & Gas ■ Petrochemical ■ Refining

3500 North Causeway Blvd Ste. 600, Metairie LA 70002
PHONE 504-838-8960 FAX 504-838-8955
EMAIL agamet@comunique.net

MOHR & ASSOCIATES, INC. Consulting Civil Engineers & Land Surveyors

6025 Buncomb Road
Shreveport, Louisiana 71129
Telephone: 318/686-7190



JAMES D. MOHR
PROFESSIONAL ENGINEER
PROFESSIONAL LAND SURVEYOR



Gulf South Engineers, Inc.

1700 GRAND CAILLOU RD
HOUMA, LA 70363-8078
(504) 878-6380
FAX (504) 878-0621

3925 N. I-10 SERVICE RD WEST
SUITE 2018
METAIRIE, LOUISIANA 70002-6831
(504) 454-1710
FAX (504) 454-1751

ENGINEERS • ARCHITECTS • PLANNERS • SURVEYORS



STE SOIL TESTING ENGINEERS, INC.

GEOTECHNICAL, ENVIRONMENTAL & MATERIALS
CONSULTANTS

316 HIGHLANDIA DRIVE
BATON ROUGE, LA 70810
(504) 752-4790
FAX 752-4878

4100 LOUISIANA AVENUE
LAKE CHARLES, LA 70605
(318) 474-1340
FAX 477-7702



CONSULTING ENGINEERS
SERVING THE PETRO-
CHEMICAL AND OIL & GAS
INDUSTRIES

OFFICE (504) 835-2577
FAX (504) 837-5824

3330 WEST ESPLANADE AVE. • SUITE 300 • METAIRIE, LOUISIANA 70002

PETROLEUM ENGINEERS INTERNATIONAL, INC.

Drilling Completion & Workover Programs
Office and Field Supervision
Property Management - Total Operations
Turnkey Operations
Reservoir Engineers
Industry Training Schools

P.O. Box 52588

Lafayette, Louisiana 70505

(318) 233-5346



HOUSTON

17625 El Camino Real, Suite 412
Houston, TX 77058
1 (800) 737-0591

Web Site: www.knighthawk.com

BATON ROUGE

10985 N. Harrell's Ferry Rd.,
Suite 228
Baton Rouge, LA 70816

(504) 767-0591

Providing solutions in

- Design
- Analysis
- Pipe Stress
- Vibration Analysis
- Field Services
- Troubleshooting

of static and rotating equipment

EUSTIS ENGINEERING GEOTECHNICAL ENGINEERS

CONSTRUCTION QUALITY CONTROL
AND MATERIALS TESTING
MONITORING WELL INSTALLATION
(504) 834-0157



3011 28TH STREET

METAIRIE, LA 70002

George J. Mahl, III, P.E.

Telephone (504) 733-8050
Fax (504) 733-8052

m Mahl & Associates, Inc. CONSULTING ENGINEERS

5817 Citrus Blvd., New Orleans, LA 70123



SERVING
CLIENTS
WORLDWIDE

Geotechnical Engineering and Materials Testing
Cone Penetrometer Testing
Drilling, Monitor Wells
Marine Geosciences
Marine Surveys

LAKE CHARLES, LOUISIANA
(318) 439-1731



LANIER & ASSOCIATES CONSULTING ENGINEERS, INC.

INDUSTRIAL • MARINE • ENVIRONMENTAL
NEW ORLEANS, LA HOUSTON, TX

Woodward-Clyde

Engineering & sciences applied to the earth and its environment

Ara Arman, P.E.
Vice President and Principal
Professor Emeritus
Louisiana State University
Internet: axarman@wcc.com

Woodward-Clyde International-Americas

2822 O'Neal Lane • Baton Rouge, Louisiana 70816
504-751-1873 • Fax 504-753-3616



Delta Process Equipment, Inc.

P.O. Box 969 • 8275 Florida Blvd.
Denham Springs, LA 70727-0969
Ph. (504) 665-1666
Fax (504) 665-1855

Pumps • Compressors • Steam Turbines • Blowers
Wastewater Treatment Equipment • Filters • Mixers

SUNDSTRAND
KONTO
GORMAN RUPP
COPPUS MURRAY
SUTORBI
LEISTRITZ
KINNEY
DOLLINGER



LINFIELD, HUNTER & JUNIUS, INC.
CONSULTING ENGINEERS AND ARCHITECTS

3500 North Causeway Blvd. / Suite 200
Metairie, Louisiana 70002
(504) 837-1666 / (504) 835-9933 fax

LE LIVINGSTON ENGINEERS, INC.

Professional Design Engineers
for 36 years.

Post Office Box 1865 318/527-3806
Lake Charles, Louisiana 70602 FAX: 318/625-8213

LA Lazenby & Associates, Inc. CONSULTING ENGINEERS & LAND SURVEYORS

JERRY G. LAZENBY, P.E., P.L.S.
FOY B. GADBERRY, P.E.
PAUL D. FRYER, P.E.

2000 North 7th Street • P.O. Box 728 • West Monroe, LA 71291-0728 • 318/287-2710
FAX 318/287-2718



Civil/Structural Engineers

9229 Bluebonnet Boulevard
Baton Rouge, LA 70810
504-765-7400
FAX 504-765-7244

BADEAUX ENGINEERS INCORPORATED CONSULTING STRUCTURAL AND CIVIL ENGINEERS

115 EAST SIXTH STREET 70301
POST OFFICE BOX 1056 70302
504-447-2317 THIBODAUX, LA



LES Coffee Mug



LES License Plate



LES Lapel Pin

LES Order Form

Quantity		Price	Shipping	Total
_____	LES Logo Coffee Mug	\$ 5.00	\$ 3.00	_____
_____	LES Lapel Pin	\$ 7.50	\$.32	_____
_____	LES License Plate	\$ 10.00	\$.55	_____
TOTAL DUE				\$ _____

Shipping Information

- ☐ I will pick up to avoid shipping charge
☐ Please mail to the address below

Name: _____

Firm Name: _____ Phone () _____

Address: _____

City: _____ State: _____ Zip: _____

Method of Payment - All orders must be prepaid!

_____ My check is enclosed

_____ Please Charge my ☐ VISA ☐ Mastercard

Card #: _____

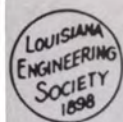
Expiration Date: _____ Signature _____

Placing Your Order

Mail to: LES State Office
8126 One Calais, Suite 1-A
Baton Rouge, LA 70809

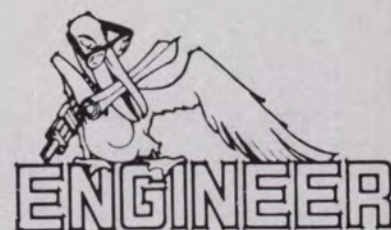
(OR)

FAX to: (504) 766-2038



APRIL, 1998

LOUISIANA



M. J. "MIKE" FOSTER, JR.
GOVERNOR

State of Louisiana
OFFICE OF THE GOVERNOR
Baton Rouge
70804-9004

POST OFFICE BOX 94004
(504) 342-7015

April 1998

To Members of the Louisiana Engineering Society:

As Governor of this great state, I congratulate you in celebration of the 100th year anniversary in leadership and representation of your vital profession. Since its founding in 1898, during the term of my ancestor, Governor Murphy Foster, the Louisiana Engineering Society (LES) has been an important partner in the growth of Louisiana. This state is counting on you to maintain that role as partner to its people in its continued growth and prosperity.

Louisiana is a leader of this nation in the development of our natural resources into products and technologies that enhance lives throughout the world. In recent years, through your efforts, we have learned to use these resources more wisely to produce a strong economy while insuring a safe environment for today's citizens and a bright future for our descendants.

As we move into the 21st Century, we are challenged by a global marketplace to continue development of new products and services that meet the growing needs of all mankind. To be competitive, we must also maintain and further develop all of the necessary supporting infrastructure. Working together, we can meet this challenge and provide an even greater opportunity for all of Louisiana.

For these past 100 years, the Louisiana Engineering Society has been a solid supporter and partner in the economic growth and well-being of this state. LES has been a leader in promoting advancements in education and improved technologies for development of new products and a safe environment. I hope you will continue to serve us, the people of Louisiana, as you have in the past.

With you in partnership, Louisiana will prosper in the 21st Century and beyond.

Sincerely,

M. J. "Mike" Foster, Jr.

mfp



Inside This Issue . . .

- ❖ Centennial Meeting Registration — see page 14
- ❖ Order of the Engineer — see page 16
- ❖ LES Engineers Selection Board Ballot — see page 18

Why Insituform is BETTER:

*Insituform has UNEQUALED
EXPERIENCE in solving
pipeline problems.*

With more than 7,000 miles of trenchless experience, Insituform has solved more sewer, water and industrial pipe problems than any other company.

Why choose a pipeline rehabilitation company with this level of experience?

TECHNOLOGY LEADERSHIP — Insituform's market-leading solutions have been proven through exhaustive testing and years of use. The Insituform® process is the world's most widely used trenchless method for reducing infiltration and restoring structurally damaged pipes. NuPipe® allows us to rehabilitate small-diameter sewers with PVC pipe.

Through ongoing research and development, we continue to advance our technologies and improve our installation techniques. In fact, Insituform has dozens of innovations for trenchless technologies that are patented in 38 countries worldwide with many more *additional* patents for innovations added each year.

ENGINEERING DEPTH — Local engineers are backed by a team of experts in all phases of pipeline rehabilitation. Because each project has different requirements, we apply this depth of engineering



capabilities to create a reliable solution tailored to your specific needs. Our solutions are then installed by experienced professionals, each of whom has completed extensive training and safety programs.

QUALITY AT EVERY STAGE — Insituform is committed to providing only the highest quality solutions — from product development and manufacturing, to engineering and installation. We stand behind every phase of our work with documented quality and safety programs.

The *unequaled experience* we bring to every project is just one of many reasons why Insituform is the world's leader in pipeline rehabilitation.

For more information, please call **800-234-2992** or visit our web site at **www.insituform.com**.



Insituform
Technologies, Inc.

Vision Statement

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

Mission Statement

The Louisiana Engineering Society is dedicated to the advancement of the engineering profession by pursuing 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 by a professional engineer 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.



LOUISIANA ENGINEERING SOCIETY

8126 ONE CALAIS, SUITE 1-A, BATON ROUGE, LA 70809

TELEPHONE (504) 766-2028 • FAX(504) 766-2038

E-mail - les@communique.net.

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

LES OFFICERS AND BOARD

President

Ronald J. Rodi, P.E.

(504) 769-0546

First Vice President

John J. Plaisance, II, P.E.

(504) 632-5596

Second Vice President

Theodore H. Thompson, P.E.

(318) 439-4552

Secretary-Treasurer

Steve Brown, P.E.

(318) 221-8312

National Director

Bobby E. Price, Ph.D., P.E.

(318) 257-3546

STATE DIRECTORS

Jack K. Laws, Jr., P.E.

(504) 749-3561

J. M. Drake, P.E.

(504) 734-4236

Dale LeBlanc, P.E.

(318) 989-4545

Paul Fryer, P.E.

(318) 387-2710

PAST PRESIDENT

Robert A. Brossette, Jr., P.E.

(504) 576-7169

EXECUTIVE DIRECTOR

Brenda W. Gajan

(504) 766-2028

CHAPTER PRESIDENTS

Alexandria

M. L. Virden, P.E.

(318) 445-6571

Baton Rouge

Philip Meyers, P.E.

(504) 927-5588

Bayou

Marc J. Rogers, Sr., P.E.

(504) 868-1050

Lafayette

Jeff Duplant, P.E.

(318) 989-8047

Lake Charles

Pat Landry, P.E.

(318) 437-9104

Monroe

Andy Franks, P.E.

(318) 387-2710

New Orleans

Sergio J. Girau, P.E.

(504) 837-1666

Shreveport

Don A. Durr, Jr., P.E.

(318) 686-7190

PRACTICE DIVISIONS

Construction

Roger Melancon, P.E.

(504) 892-6500

Education

Bobby E. Price, Ph.D., P.E.

(318) 257-3546

Government

James N. Moore, P.E.

(318) 473-7792

Industry

Steven DeRouen, P.E.

(318) 583-3594

Private Practice

Steve M. Boudreaux, P.E.

(504) 765-7400

COMMITTEE CHAIRMEN

Constitution & Bylaws

Charles L. Eustis, P.E.

(504) 293-2460

Engineering Education

Fred J. Brown, P.E.

(504) 393-1279

Ethics & Professional Conduct

Foy B. Gadberry, P.E.

(318) 387-2710

Honors & Awards

Robert A. Brossette, Jr., P.E.

(504) 576-7169

Inter-Society Relations

J. M. Drake, P.E.

(504) 734-4236

Legislative

Jack K. Laws, Jr., P.E.

(504) 749-3561

Liaison w/ State Board of

Registration

John J. Plaisance, II, P.E.

(504) 632-5596

Long Range Planning

Theodore H. Thompson, P.E.

(318) 439-4552

MATHCOUNTS

Kerry J. LaBauve, P.E.

(318) 445-8910

Membership

Ali M. Mustapha, P.E.

(318) 673-6035

Public Relations

Barry P. Gahagan, P.E.

(504) 927-9321

Scholarship

Bodin A. Hugger, P.E.

(504) 461-0577

Young Engineers

Chris Richard, P.E.

(318) 232-5182

In This Issue

Presidential Privilege.....	4
The Spec Sheet.....	5
Letter to the Editor.....	6
Society News.....	10
Centennial Meeting Agenda.....	12
Centennial Meeting Registration.....	14
Centennial Meeting Maps.....	15
Order of the Engineer.....	16
LES Engineers Selection Board Ballot.....	18
Professional Listings.....	20

Advertising Rates

Size	Width	Depth	Cost per issue	Cost per year
Full page	7"	10"	\$210	\$1008
2/3 page	4 3/4 "	10"	\$168	\$806
1/2 page horiz.	7"	5"	\$137	\$658
1/2 page vert.	4 3/4 "	7 1/2 "	\$137	\$658
1/4 page horiz.	7"	2 1/2 "	\$105	\$504
1/4 page vert.	3 1/2 "	5"	\$105	\$504
Professional Listings	2 1/2 "	1 3/8 "	\$ 32	\$154

- 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 contract 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 six times annually; February, April, June, August, October and December.

The LOUISIANA ENGINEER is the official publication of the Louisiana Engineering Society. The magazine is published in February, April, June, August, October and December. Subscription fee of \$24 yearly for engineers and non-engineers not living in the state of Louisiana. Two dollars of each LES member's annual dues is set aside for six issues of the LOUISIANA ENGINEER. Periodical postage paid at Baton Rouge, La. The Louisiana Engineering Society does not guarantee the accuracy of statements made or necessarily concur with opinions expressed in this publication. ISSN: (0024-6794)

POSTMASTER: Please send Change of Address Forms to LOUISIANA ENGINEERING SOCIETY, 8126 One Calais, Suite 1-A, Baton Rouge, La. 70809
Telephone 504/766-2028, FAX 504/766-2038



*P*RESIDENTIAL PRIVILEGE

Ronald J. Rodi, P.E. • President
Louisiana Engineering Society

Sustaining the Vision

At the beginning of my term as State President, I set three goals for the Society:

- to lead in the promulgation of rules for Continuing Professional Development in Louisiana
- to sustain our efforts on the legislative front to remove the "industrial exemption"
- to actively promote the construction of the Louisiana Engineering Center.

As my administrative year draws to a close, I can report that the Society has succeeded in fulfilling two of those objectives.

LES worked closely with the State Registration Board to define and refine the CPD requirements. Through our liaison with the Board, LES provided a medium for its members and other licensed engineers to voice their ideas and concerns. It is imperative that we continue as a sounding board on the implementation of CPD, to provide feedback to the Board on future requirements.

Industrial exemption legislation proffered by LES in the 1997 Legislative Session was referred to a study subcommittee of the House of Representative Commerce Committee. This group is charged with examining the issue and making recommendations for legislative action in the 1999 Session. The committee attempted to meet earlier this year, but postponed convening until after the 1998 Special and Fiscal Sessions. LES/IAC members were diligent in re-writing this section of the law, and LES must continue to assert its role in the process to assure a balanced review.

The Louisiana Engineering Center will soon be a reality. Due to the generous donations of LES members, engineering firms, corporate and private sponsors over the past year, the Louisiana Engineering Foundation has reached its fundraising threshold to begin construction of the building. The Society owes a great debt of gratitude to Mr. Waldemar Nelson for his unwavering support of the

building program. Groundbreaking ceremonies are planned for May 27th with completion scheduled for January 1999.

Along the way, LES made significant progress in other areas. LES modified its dues structure to a unified system, whereby all members pay a single equal rate including State, Chapter and Practice Division dues. A portion of the dues is earmarked for Continuing Professional Development programming. The change has been well received by members.

Through the coordination efforts of LES and particularly those of incoming State President John Plaisance, the LSBRPELS voted at its March meeting to join with LES and the Louisiana Society of Professional Surveyors in publishing a joint magazine. This new journal will contain the "Louisiana Engineer" and will be distributed to all Board registrants as well as Society members. The collective vision of the three organizations is to attract other professional or technical societies into a collaborative publication.

The Joint Engineering Conference held in Baton Rouge was an overwhelming success with record attendance and outstanding participation by our sponsoring vendors. Congratulations to Phil Meyer and John Staring for promoting and managing the entire program.

Finally, don't miss the Centennial Celebration, Frank Gallagher and the Centennial Committee (aka the New Orleans Chapter) has been tireless in planning and organizing this extravaganza! Beginning May 27 and through May 30, this meeting promises to be the "party of the century."

In closing, I want to thank the entire Board of Direction for their hard work this year and their continued dedication to the Louisiana Engineering Society. Much has been accomplished, but we must sustain our vision.



THE SPEC SHEET

Warren J. Wilder • CEC/L Executive Director
Consulting Engineers Section



SELECTION BOARD ADOPTS RESOLUTION

At its recent meeting at which 15 design contracts were awarded, the Louisiana Engineers Selection Board voted to adopt a resolution which sanctions a feasibility study to look into the teleconferencing of certain meetings of this board. The resolution was adopted over the objections of the board member representing Facility Planning & Control. The idea was brought forward at a previous board meeting when it was pointed out that there are members of the selection board who, on occasion, must travel several hours to attend a meeting to award only one or two projects at a half hour meeting. During that initial discussion the board's legal counsel informed the board members that such a change to teleconference these certain meetings would necessitate a legislative change to the Open Meeting Act. CEC/L will keep you informed on this interesting issue. In other selection board activities, one of the projects was decided on the single point that one of the two firms selected for the final vote had visited the project sight while the other engineer had not. The one who took the time to visit was awarded the contract. One of the selection board members has indicated that he will continue to ask firm representatives if site visitations have been made, and he will also ask the user agency representative who wrote the program for the particular projects in question. More later!

VOLUNTEERS NEEDED

WHILE WE ARE TALKING ABOUT THE SELECTION BOARD, CEC/L IS LOOKING FOR VOLUNTEERS WHO ARE WILLING TO BE CONSIDERED FOR SERVICE ON THE ENGINEERS SELECTION BOARD. THERE ARE TWO TERMS OF SERVICE TO BE CONSIDERED:

TERM 1 - BEGINNING JULY 1, 1998 AND ENDING JUNE 30, 1999.

TERM 2 - BEGINNING JANUARY 1, 1999 AND ENDING DECEMBER 31, 1999.

MEMBERS WHO SERVE ON THE SELECTION BOARD ARE INELIGIBLE FROM APPLYING FOR STATE AGENCY PROJECTS DURING THEIR TERM OF SERVICE AND SIX MONTHS THEREAFTER. IF YOU ARE INTERESTED IN BEING CONSIDERED, PLEASE COMPLETE THE FORM AT THE UPPER RIGHT AND MAIL IT TO CEC/L, P.O. BOX 1549, BATON ROUGE, LA 70821, OR FAX IT TO CEC/L AT (504) 767-7811.



CEC/L AND COALITION TACKLE DESIGN-BUILD

(April 6, 1998). The issue of Design-Build finally raised its head in the Louisiana Legislative Special Session. It surfaced in the form of a bill introduced on behalf of the Louisiana Department of Transportation and Development as part of the effort on the part of the Legislature to make the department more efficient. The bill was broad in its application of

YES! I AM INTERESTED IN BEING CONSIDERED TO HAVE MY NAME PLACED ON A BALLOT TO ELECT MEMBERS TO THE ENGINEERS SELECTION BOARD FOR THE FOLLOWING TERM:

_____ TERM 1 - JULY 1, 1998 - JUNE 30, 1999

_____ TERM 2 - JANUARY 1, 1999 - DECEMBER 31, 1999

(Name) _____

(Firm) _____

(Please mail or fax your form to CEC/L at the address or fax number on this page ASAP!)

design-build, covering a multitude of projects, even though the LDOTD Secretary had assured a group of CEC/L members that he wanted to "test the waters" on a couple of small off-system bridge projects.

Very quickly, the two CEC/L Legislative Committees met jointly, reviewed the bill and made the recommendation to oppose the bill. The committee also agreed to draft amendments to make the bill more palatable. Almost simultaneously, an ad hoc coalition of LES, CEC/L, LSPS and the Louisiana sections of ASCE, AIA, and AGC was formed and drafted a set of amendments which included the establishment of a pilot program to test the design-build process on several smaller projects, and the establishment of a Task Force to adopt and promulgate rules in accordance with the Administrative Procedures Act for administering and evaluating the design-build contracts. To make a long story short, the coalition members' primary position was opposition to the design-build process. House Transportation Committee chairman Juba Diez introduced an amendment at his

committee's hearing which established the pilot program with a maximum of five projects of no more than \$500,000 each with annual accountability by the LDOTD to the House Transportation Committee. The bill cleared the House Committee with Diez's amendment intact, and it cleared the House floor on Wednesday afternoon, April 1st by a vote of 88 yeas and 9 nays. The amended bill is now headed for the Senate. CEC/L and the coalition members are apparently comfortable with the bill as amended since the pilot program is very restrictive. We will keep you informed of our progress in the Special Session.



ACEC LOOKS FOR OFFICER CANDIDATES

ACEC Nominating Committee chairman Stan Kawaguchi has announced that ACEC is looking for a few good members who are willing to serve on the ACEC Executive Committee as Vice President or Treasurer for the 1999-2001 term. IF YOU HAVE A HAN-

Continued on page 8

Letter to the Editor

Issues and Non-Issues of Membership

By James C. Porter, PE

I observed with incredulity as the once misnamed LES Long Range Planning Committee spent year after year trying to come up with the *right*, magic formula to get better participation in statewide membership meetings. They varied location, time, events, contents, format, fees, fiscal year, announcements, facilities, menus, name tags, and anything else they could think of that may affect attendance. Nothing they tried made any measurable difference. *Nor should it.*

I also observed with incredulity the debate over whether to require mandatory membership in the NSPE for membership in the LES. Considering that NSPE is not the *parent* organization of the LES, its requests and threats in the matter were essentially ignored until NSPE had something an influential member of the LES wanted - the NSPE Presidency. The hysteria of the opponents over concerns that LES membership would precipitously decline because of the additional expense of NSPE dues proved to be unwarranted. It didn't happen. *Nor should it.*

Now I observe with equal incredulity as the NSPE considers reversing its position on pure speculation that disconnecting membership in the NSPE with state chapter membership requirements will result in a net increase in membership rolls. This was recently chronicled in the *Engineering Times* and in President Rodi's "Presidential Privilege" in the *Louisiana Engineer*. LES has been there - done that - and proved that it makes little difference. *Nor should it.*

The only real *membership* and *organization* issue in my view is *quality*. If you can indulge my point of view briefly, then the elusive formula the Long Range Planning Committee sought doesn't exist - *never did*. Mandatory membership in the NSPE and its effect on LES membership doesn't matter - *never did*. The important membership formula is the following identity:

Quality of Membership $\equiv$ Quality of Organization

or the quality (not quantity) of membership and the quality organization established by its leadership are and should be essentially the same. Some important corollaries to this are:

Quality of Membership $\neq$ Quality Participation

Quality of Membership $\neq$ Quantity of Membership

Quality of Membership $\neq$ Quantity of Participation

Quantity of Membership $\propto$ Quality of Organization

The quality of membership is directly related to the expectations concerning the opportunity for quality participation. Quality participation means anything from paying dues to being president to support the Society's effective pursuit of an agenda relevant to the individual member.

If the relative amount of dues currently paid does not affect the numbers of members and; if the manipulation of meeting parameters does not affect participation and if both are irrelevant anyway, how is the quality of the LES organization and membership any different or more significant. This is not a chicken and egg situation. In a volunteer organization, lead and they will either follow or quit. Either organization quality or membership quality can beget the other.

Given a synonym for quality - *character* - the character of the LES membership should by now be precisely consistent with the character of its organization. This requires stable equilibrium of no recent change in either. Considering that the LES leadership has not inspired any real change in its organization in the last 25 years - outside of the

gradual but steady decline in LES membership - it would appear to be a sound assumption.

It is also reasonable to conclude that the LES leadership is and has been perfectly satisfied with the character of the LES organization as it is. Surely more members are wanted that don't disagree with the LES agenda and character. The motive of the LES leadership appears to get someone else's money to pursue the agenda and a larger constituency to provide it more political clout to effectively pursue it.

Confounding this motive is the agenda that does not provide the "big tent" for a larger constituency receptive enough to pay an amount dues. This has resulted in the formation of the Louisiana Society of Professional Engineers in Civil Service with 350 dues-paying members with another 100 life members to effectively address issues important to engineers in state government. These are issues that the LES leadership would consider low priority or would outright oppose. Industry compensates its employed engineers well above the scale of the employed engineers in the LES constituency. This seems to keep the substantial majority of them from sharing the view of independent professionalism that leads to registration and participation in professional organizations. They become what industry wants, *company men* supporting the company's agenda. This keeps them, as a group, from having the common interests that would precipitate the independence to form an organization or purse influence in the LES leadership.

As a member of the LES, I may disagree with a small portion of the ongoing *consensus* for its past, present and future agenda, see the character of its organization as seriously flawed and see its potential as hugely untapped based on its stated goals and the character of its individual members. Notwithstanding the current agenda and character of the LES organization, I pose the following rhetorical questions in the belief that they identify real opportunities to improve the organizational quality - character - of the LES. When are the leaders of the LES going to

...effectively engage the LES membership in the current, relevant issues while they are issues instead of informing it of the results after they have been decided without its understanding or participation?

...regularly and personally seek out and ask of *every* member to participate in society functions, and recommend new or different programs, priorities or issues relevant to them? (Experience suggests a 99% no response but a 1.00% perception that what each member thinks counts - even if it doesn't.)

...develop and implement a leadership paradigm of individual courage of conviction to express diverse opinions openly and freely on undecided issues to engage the individual member in finding a political center concerning issues and thereby building a *legitimate* consensus outside of the LES governing oligarchy? (The elected and practice division officers, both chapter and state, would have to make 15 contacts for a 100% coverage of the membership. This would be a small effort compared to the duties they have.)

...become more than tolerant of - but receptive to - opinions openly expressed in the membership that may disagree *the* agenda? (The LES leadership is overtly hostile to openly expressed, diverse opinions not consistent with its agenda. This oppressive behavior spawns a reaction that gives the now smaller LES membership its more homogeneous and compliant appearance.)



Baton Rouge EXPO '98

**April 21 and 22, 1998
11:00 AM - 8:00 PM
Baton Rouge Centroplex**

The Baton Rouge Section of the
International Society for Measurement and
Control invites you to experience this
exclusive industrial event...

**Free Kickoff Luncheon - April 21, at 11:30 AM
Speaker: Dale Givens, Secretary of the DEQ**

**Call 800-225-0899
for more information on
the ISA tradeshow
and seminars.**

KERING TO COMMIT TO TAKE ON THIS AWESOME RESPONSIBILITY AND WANT TO KNOW MORE, CALL THE CEC/L OFFICE FOR A COPY OF THE ACEC OFFICERS' GUIDANCE MANUAL. DEADLINE FOR OFFICER NOMINATIONS IS SEPTEMBER 15, 1998, ALTHOUGH STAN STRONGLY ENCOURAGES EARLY SUBMISSIONS.



IT'S IN THE MAIL!

The CEC/L Annual Meeting brochure is at the printer and will be in the mail to you very shortly. THE ANNUAL WHAT??? THE CEC/L ANNUAL MEETING WHICH IS SCHEDULED TO OCCUR ON JUNE 26-28, 1998 AT THE GRAND CASINO BILOXI BAYVIEW HOTEL AND CONVENTION CENTER. This will be a brand new facility, according to JOE HARMAN who heads up the Planning

Committee. Harman has worked diligently to offer you a very attractive convention package at a most reasonable price. Here are some of the details:

FRIDAY AFTERNOON, JUNE 26TH

- 4:00 P.M. - 6:00 P.M.
Check-In and Registration
- 7:00 P.M. - 9:00 P.M.
Opening Reception for Members, Spouses, and Guests
- 10:00 P.M.
The Biloxi Grand Theatre (complimentary tickets provided)

SATURDAY MORNING, JUNE 27TH

- 7:00 A.M. - 9:00 A.M.
Registration
Breakfast Buffet for Members, Spouses and Guests
- 9:15 A.M. - 11:45 A.M.

Continuing Education Seminar "RISK MANAGEMENT SEMINAR"

Presented by Alexander & Sanders Insurance Agency, Inc., Baton Rouge, LA

- "Insurance": A general overview of Professional Liability and other Property and Casualty Insurance Coverages specific to engineering firms.
- "Dirty Words and Dirty Clauses": Client contracts are often loaded with uninsurable words and clauses. Selected words and clauses will be reviewed that could place more risk and burden on an engineering practice.
- 8:45 A.M. - 11:45 A.M.
Free time for Spouses and Guests or Optional Tour of

the Arts of Ocean Springs - Touring the Walter Anderson Museum and Shopping in Downtown Ocean Springs.

After a friendly greeting from our tour guide, we'll board our private motor coach for a drive by scenic Biloxi Small Craft Harbor and the legendary Church of the Redeemer, past beautiful Deer Island to historic Biloxi Bay. Here we'll cross over the sparkling waters into Ocean Springs, a city whose quiet tree-lined streets and serene atmosphere hide a history that goes back more than 300 years.

Our first stop will be the Walter Anderson Museum for a tour with the curator, who will lead us through the works of the Coast's internationally renowned watercolorist, Walter Anderson. Not only will we see a large col-

Continued on page 9

GO FOR BROKE! GO FOR YOUR BROKER!

There is a popular slang expression, "Go for Broke!" meaning to make a maximum effort. As we approach the downhill run on our drive to raise funds for the construction of the new **LOUISIANA ENGINEERING CENTER** one of our members said he would like to make a gift of stock to the fund, and asked how this might be done.

We have made arrangements with a broker so that you or your broker need only communicate with:

Shaun C. Viguerie

First Vice President

J. C. Bradford & Co.

909 Poydras Street, Ste. 1850, New Orleans, LA 70112

Telephone: (504) 584-5611 • Toll Free: 1-800-347-4522 • Fax: (504) 584-5678

and advise him of the name of the donor and the number of shares of which stock you wish to give to the:

LOUISIANA ENGINEERING FOUNDATION

a 501 (c)(3) Organization

Tax I.D. 72-0868899

Your gift will be promptly acknowledged by a letter from the Louisiana Engineering Foundation and the donation will be recorded in the new building.

This is an opportunity to make your contribution to a worthy effort for a fine profession, possibly reduce your taxes and enhance your financial situation. Consult your accountant on this. Think about it! **GO FOR BROKE!** Do it!

Waldemar S. Nelson, P.E., President
Louisiana Engineering Foundation

lection of his paintings and sculptures, we'll also view the "little room" painted by the artist - now valued at six million dollars!

Next we'll travel to downtown Ocean Springs for shopping. Downtown Ocean Springs has many wonderful specialty stores and bakeries/restaurants.

**SATURDAY NOON,
JUNE 27TH**

11:45 A.M. - 12:15 P.M.
Cocktails for
Members, Spouses
and Guests
(Cash Bar)

12:15 P.M. - 1:30 P.M.
Lunch for CEC/L
Members, Spouses,
and Guests.
(Entertainment
during Lunch will
be provided by
Jethro - Comedian)

**SATURDAY AFTERNOON,
JUNE 27TH**

Free time for
Members, Spouses,
And Guests

**SATURDAY EVENING,
JUNE 27TH**

6:30 P.M. - 10:00 P.M.
Cocktails for
Members, Spouses,
and Guests
(Cash Bar)

7:30 P.M. - 10:00 P.M.
Annual Meeting
Awards Banquet
for Members,
Spouses, and
Guests.

**SUNDAY MORNING,
JUNE 28TH**

7:00 A.M. - 9:00 A.M.
Breakfast Buffet for
Members, Spouses,
and Guests.

9:00 A.M. - 10:30 A.M.

Board of
Governors Meeting
(All Members Invited)

9:00 A.M. - 10:30 A.M.
Free Time for
Spouses and
Guests

10:30 A.M. - 11:00 A.M.
Check-Out

All golfers! Bring your clubs!
Gerald Dubroc is coordinating
the golfing activities for a tee off
at a course near the Grand
Casino Biloxi. Contact Gerald at
(318) 989-4545 or fax him at
(318) 989-4546 for more infor-
mation.

The REGISTRATION FEE is
\$170.00 per person and includes
all events and meals except
tours which are optional. All
attendees including spouses
and guests must register.

HOTEL INFORMATION

The Grand Casino Biloxi
Bayview Hotel and Convention
Center is located at 280 Beach
Boulevard in Biloxi, Mississippi

on the North side of U.S. Hwy
90. If you are arriving via
Interstate 110 driving South
toward U.S. Hwy. 90, take the
EXIT to Ocean Springs.
Mississippi at U.S. Hwy. 90.

The special hotel rate is
\$95.00 (single or double) per
room per night plus 10% tax.
Please call the hotel at 1-800-
354-2450 to make your reserva-
tions as soon as possible but no
later than May 27th. Rooms are
limited! (Tell the hotel people
you will be with the Consulting
Engineers Council of
Louisiana group). Check-in time
is 4:00 P.M. and check-out time
is 11:00 A.M. If you desire to
come early, rooms will be avail-
able for Thursday night, June
25th.

Continued on page 17



Taking care of your water and wastewater needs.

ENVIRONMENTAL TECHNICAL SALES, INC.

Ronnie Hebert, P.E.

7731 Office Park Boulevard • Baton Rouge, Louisiana 70809

Phone (504) 295-1200 • Fax (504) 295-1800

**Water • • Wastewater • • Sludge • • Air
Equipment — Systems — Solutions**



SOCIETY NEWS • SOCIETY NEWS

NEW MEMBERS

Baton Rouge Chapter

Jason R. ElKoubi
Fred Denny, P.E.
Baoshan Huang
M. Ernest Gammon, Jr., P.E.
Amelia Vincent
Christopher K. Carver
Craig H. Corie, P.E.
Robert L. Cangelosi, Jr., P.E.
James N. Garrett, III, P.E.
Chad C. Vosburg, P.E.
Rodney A. Colletti, P.E.

Bayou Chapter

Ronald J. Shaw, P.E.
Steve Gilbreath, E.I.
Kevin Parfait, E. I.

Lafayette Chapter

Joel J. Miller, E.I.
Ian B. Trahan, E.I.
Jessica L. Maloney
Blake Jude Landry
Michael Talley, P.E.
Tracie Smith, P.E.

Lake Charles Chapter

James L. Vinson, E.I.

Dr. Omar Barkat, P.E.
Daniel Ned Harper, E.I.
Terry M. Haggard, E.I.

Monroe Chapter

Frank J. Gladney, P.E.

New Orleans Chapter

Clifton A. Snow, Jr., P.E.
George V. Gsell, P.E.
F. Darrell comstock
Allen Latour, E.I.
Julia A. Covington, P.E.
Gregory D. Pierce, P.E.
John Rhoads
Kent L. Gerhardt, P.E.
Robert E. Leslie, Jr., P.E.
Laren M. Tushim, E.I.

Shreveport Chapter

Travis A. Sturdivant, P.L.S.
Lyn B. Irish, Jr., P.E.
Andrew Lemons
William R. Price, P.E.
Jason E. Pierson, P.E.
Johanna King, E.I.

✦ Alexandria Chapter ✦

by M. L. Virden, IV, P.E.
Alexandria Chapter President

The March Monthly Meeting was held on March 18, 1998 at the Louisiana Convention Centre in Alexandria. The guest speakers were Dale Hunn, with the LES Centennial Planning Committee and Randy Tannehill, Mayoral Candidate for the City of Pineville, Louisiana.

Mr. Hunn gave the group a firsthand look at the activities being planned for the Centennial Celebration in May! He also discussed the history of the Louisiana Engineering Society, including circulating some of the original minutes from the first meetings. As part of our contribution to the LES Centennial Celebration, the Alexandria Chapter presented Mr. Hunn with the LES Centennial Celebration Banner used in our E-Week Banquet.

Mr. Tannehill spoke to the group of his efforts in seeking election as the next Mayor of Pineville. He outlined his goals for the City and his strategy for achieving these goals, if elected. One of the goals is the construction of a new Huey P. Long Hospital, which will provide numerous construction related jobs now and better healthcare in the future.

The Alexandria Chapter wishes to congratulate the Alexandria Country Day team for their accomplishments in the State MATHCOUNTS Competition held here on March 28, 1998. The Country Day team, composed of Mathletes Drew Pulver, Stephanie Yan, Miguel Garcia, Andy Sams and Coach Ralph Kees, placed third in the competition, which is an all-time high for Alexandria.

✦ Baton Rouge Chapter ✦

by Philip K. Meyers, P.E.
Baton Rouge Chapter President

In March the Baton Rouge Chapter newsletter published a draft of a proposed Act that will probably be introduced at the Special Session Monday, March 23, 1998. If this legislation is successful, the Secretary of the Louisiana Department of Transportation and Development (LaDOTD) will have "sole discretion" in determining which projects may be awarded to design-build teams.

This was brought to the membership's attention so each person could decide how they stood on this issue. If this Act clears Committee, and that seems very likely if the committee chairman Mr. Juba Diez introduces the bill, then it will probably reach the floor for vote in one week. There is very little time to react if you oppose this law. When asked, proponents of this measure state the main reason for driving this legislation is that it will cut down the amount of time it takes to complete highway projects.

The following thoughts were raised for consideration when you decide your position on this issue.

- Is the Public's Interest best served if the Contractor is your client or if the Public Agency is your client.

✦ CALENDAR OF EVENTS ✦

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Engineer* to: Editor, 8126 One Calais, Suite 1-A, Baton Rouge, LA 70809.

April, 1998

- 1** Election of Chapter officers, Practice Division chairs, & Committee appointments begin

May, 1998

- 8** Chapter Officers, Practice Division Chairs, and Committee appointments due to State Office
14-17 MATHCOUNTS National Competition - Washington, D.C.
27-30 LES Statewide Centennial Meeting - New Orleans

- It appears that large national consulting firms as well as large construction companies are in favor of this proposal while small consulting firms as well as small construction companies are opposed to this proposal. How will your present job or company fair under this legislation keeping in mind that most consultants are not large enough to be Prime on a construction project nor have the ability to acquire the bonding necessary?
- What are your feelings about working as a sub to a contractor?
- What are your feelings about joint ventures with contractors?
- As drafted you and the contractor will construct the project for a "stipulated sum certain". What will your liability be if the project goes over budget?
- This Act would allow the LaDOTD unlimited latitude in which to create these rules.
- The proposed Act, as drafted, will allow the LaDOTD to circumvent the competitive bid laws.
- Buildings are included in this Act. How will the architects eventually be affected by this legislation?

The Chapter newsletter followed this article with a current list of Legislators from our area with their addresses and phone numbers.

♣ Bayou Chapter ♣

No Report

♣ Lafayette Chapter ♣

No Report

♣ Lake Charles Chapter ♣

No Report

♣ Monroe Chapter ♣

*by Stanton Huey, Jr.
Monroe Chapter President*

It is certainly an honor to be president of the Monroe Chapter. On Saturday, February 14, 1998, James Henry and David Leslie of Denmon Engineering Co. and I picked up litter on Slack Street in West Monroe. The Monroe Chapter is responsible for keeping this street litter free. Doctor Raymond L. Sterling, Director, Trenchless Technology Center CEFT Professor of Civil Engineering at Louisiana Tech University, gave a talk on Trenchless Technology at the February meeting.

On Saturday, February 21, 1998, our local chapter held the Annual MATHCOUNTS Competition from 8:30 a.m. until noon at Ouachita Junior High School. This is our biggest event of the year. Doctor Leslie K. Guice brought the following four civil engineering students from Louisiana Tech University to help him grade the tests: Brandon Aillet, J.J. Goudeaux, Brian Miller, and Kelly Zart. The sponsors were: Architecture Plus, Century Telephone, and Pizza Hut. Pizza Hut donated thirty-two pizzas, a large number of cup holders, and a sack of balloons. Louisiana Tech University's Civil Engineering Department donated a number of pad folders with Tech's insignia on them. These pad folders were given to the top ten competitors. Each

MATHCOUNTS student and coach received a cup holder. The top four schools and top four individuals received trophies.

Dale T. Hunn, P.E. a vice president and project manager of Waldemar S. Nelson and Company, Inc. in New Orleans spoke at the March meeting. He gave a history and background of the Louisiana Engineering Society. He also discussed the highlights and activities of the upcoming Louisiana Engineering Society Centennial.

♣ New Orleans Chapter ♣

No Report

♣ Shreveport Chapter ♣

*by Don Durr Jr., P.E.
Shreveport Chapter President*

Engineers' Week was a success for the Shreveport Chapter. Nearly every goal set by the planning committee was reached. The officers were all pleased by the membership involvement and participation.

This was the first year to organize the Discover "E" program in Shreveport-Bossier. At least one school was visited every day during Engineers' Week with ten engineers visiting 13 schools and speaking to over 500 students. The programs ranged from coloring books (Not All Engineers Drive Trains) for first graders to videos for middle school. The climax of Discover "E" was when several local members helped with Sci-Port Discovery Center's "Build a Better Bridge" competition.

The Chapter had another successful year in MATHCOUNTS, and we have not seen the final results yet. Fifteen schools and over 70 students participated in the local MATHCOUNTS competition this year. The top three teams were: Caddo Middle Magnet, Herndon Magnet, and Youree Drive Middle School. These teams participated in the State competition on March 27 in Alexandria. For the first time, a student from Shreveport, Kyle Lai from Herndon Magnet, placed first in the State and will be going to Washington in May.

The E-Week Banquet was a success as the attendance exceeded the century mark for the first time in five years. Teddy Allen from The Times spoke to 105 engineers and guests. The Chapter was honored to have Shreveport Mayor "Bo" Williams in attendance. The banquet and E-Week was truly a success.

The Second Annual Family Day at Hamel's Amusement Park was jointly held with ASCE and LSPS on April 18. This was a time for members to meet and show off their families, children, and grandchildren.

The Chapter will close out a successful year on May 13 as the LES President-Elect, John Plaisance, is scheduled to speak at our final Luncheon meeting.



Plan to attend this once-in-a-lifetime event and celebrate the 100th anniversary of the founding of the Louisiana Engineering Society. The theme of our Centennial Meeting is "A Perspective on the Past, Present and Future of the Engineering Profession in Louisiana". Activities focused on the theme will include a ground breaking ceremony for the new Louisiana Engineering Center in Baton Rouge, a seminar with four prominent engineers speaking on the development of the profession during the past century, a roundtable discussion on the future of engineering education in Louisiana, and seminars on Continuing Professional Development, Consensus Standards, and on Engineering Professionalism and Ethics in Society Today. There will also be an Order of the Engineer ceremony at the conclusion of the General Membership Meeting.

The NSPE Southwest Region Meeting will be held in conjunction with the LES Centennial. NSPE activities include a welcome from the President of NSPE, meetings on the New Education/Licensure Model and Membership Recruitment and Retention. Reports from the State Presidents in the SW Region will be presented.

This meeting will be a celebration of the glorious past, present and future of LES. Some fun-filled activities are planned for all attendees. There will be an evening riverboat cruise, a gala banquet at the Plimssol Club overlooking the French Quarter, material will be collected for our time capsule, a 1950-style engineer's office and drafting room will be recreated for your viewing pleasure, and a picnic complete with games, music and a crawfish boil. Bring your comfortable clothes for the picnic!

All engineers and their spouses/guests are invited to help celebrate the 100th anniversary of the Louisiana Engineering Society.

Centennial Meeting Agenda

Wednesday, May 27

- 8:30 a.m. Golf - Belle Terre Country Club LaPlace, LA*
- 10:00 a.m. Ground Breaking Ceremony, Louisiana Engineering Center*
9643 Brookline Ave., Baton Rouge, LA
- 12:00 p.m. Exhibit Hall, Registration Desk and Display Area Open
- 1:00 p.m. Professional Tour - Sewerage and Water Board of New Orleans Drainage
Pumping Station and Power Plant. Bus transportation is required and will
be provided at the Hilton
- 1:00 p.m. Young Engineers Committee meeting
- 2:30 p.m. Long Range Planning Committee meeting
- 3:00 p.m. Public Relations Committee meeting
Membership Committee meeting
- 4:00 p.m. Jazz Social in Exhibit Hall
- 5:15 p.m. Depart Hotel for Riverboat Dinner Cruise

*Maps to these events and the Order Of The Engineer ceremony application form will be in the April issue of the *Louisiana Engineer* magazine.

Thursday, May 28

- 7:30 a.m. Exhibit Hall, Registration Desk and Display Area Open
- 7:30 a.m. Continental Breakfast in the Exhibit Hall
- 8:00 - 9:30 a.m. Seminar - "A Perspective on the Past, Present and Future of The Engineering Profession in Louisiana"
- 9:30 - 11:00 a.m. Roundtable Engineering Deans, "Future of Engineering Education in Louisiana"
- 11:00 - 11:45 a.m. PEG Meeting
PEI Meeting
Legislative Committee Meeting
- 11:45 - 12:30 p.m. Buffet Lunch in the Exhibit Hall
- 12:30 - 1:15 p.m. LES General Membership Meeting, Welcome by NSPE President, Kenneth B. Walch P.E., Order of the Engineer Induction Ceremony
- 1:15 p.m. PEPP Meeting
Scholarship Committee Meeting
- 1:15 - 1:45 p.m. SW Region Mission and NSPE Vision, Dan D. Clinton Jr., P.E.
- 1:45 - 2:15 p.m. New Education/Licensure Model, Keith King, P.E., NSPE, SW Region
- 2:15 - 3:15 p.m. Seminar "Continuing Professional Development" H. Glen Kent, P.L.S. Executive Secretary, LSBRPELS
- 3:15 - 4:15 p.m. Seminar "Engineering Professionalism and Ethics in Society Today" Prof. William J. Lannes, III, P.E.
- 4:15 - 5:15 p.m. Membership Recruitment and Retention Lee Allison, P.E., NSPE SW Region
- 4:30 p.m. Exhibit Hall, Display Area and Registration Desk Close
- 6:00 p.m. Installation of Officers Banquet Keynote speaker, Governor M. J. "Mike" Foster (Invited)

Friday, May 29

- 7:30 a.m. Exhibit Hall, Registration Desk and Display Area Open
- 7:30 a.m. Continental Breakfast available in the Exhibit Hall
- 7:30 a.m. LES Board of Direction Meeting
- 9:00 - 10:45 a.m. Seminar "Consensus Standards" by ASTM, API and ASHRAE
- 9:00 - 10:45 a.m. NSPE SW Region-Upcoming Tulsa Board Meeting items, Dan D. Clinton Jr., P.E.
- 11:00 - 12:00 p.m. State Society Reports, State Presidents in SW Region
- 11:15 - 12:00 p.m. Time Capsule Event
- 12:00 p.m. Exhibit Hall Closes
- 12:00 p.m. Picnic, crawfish boil and social
- Evening On Your Own

Saturday, May 30

- Morning/Afternoon New Orleans Area Tours On Your Own

LES Centennial Celebration

May 27 – 29, 1998

All participants in the Thursday & Friday programs will receive up to 6 hours of Continuing Education Credits. For those registered in other states, attendance may be credited towards continuing education requirements. Maps to all events will be printed in the April issue of the *Louisiana Engineer* magazine. Please call the **LES** State Office for further information.

You must register to attend any event or session

Registrant's Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Telephone: (____) _____ Fax: (____) _____

Spouse/Guest Name: _____

IMPORTANT: Complete this registration form and return to LES with payment by the registration deadline of *April 30, 1998* to receive pre-registration discount. Registration fees are required for all attendees.

PLEASE NOTE: REFUNDS WILL BE MADE ONLY IF CANCELLATION IS RECEIVED BY MAY 15, 1998.

REGISTRATION FEES	NO.	COST	TOTAL		NO.	COST	TOTAL
Pre- Registration	_____	\$ 50	_____	Golf Fee	_____	\$ 45	_____
(Includes all Meetings, Exhibit Hall, Social Hour, Seminars, Buffet Lunch & Continental Breakfast)				Professional Tour Transportation fee	_____	\$ 10	_____
				Riverboat Dinner Cruise	_____	\$ 35	_____
				Optional transportation fee	_____	\$ 10	_____
Registration after 4/30/98	_____	\$ 60	_____	Installation Banquet	_____	\$ 30	_____
				_____ check for Heart Healthy Meal			
Spouses		N/C		Optional transportation fee	_____	\$ 10	_____
				Picnic & Crawfish Boil	_____	\$ 20	_____
Student Registration	_____	\$ 15	_____	Children under 12 yrs	_____	\$ 5	_____
				Order of the Engineer	_____	\$ 15	_____
Commemorative Centennial Book	_____	\$ 45	_____	(see application form in April <i>Louisiana Engineer</i>)			
				TOTAL FEES REMITTED	_____	\$	_____

_____ My check is enclosed made payable to LES or bill my: _____ VISA _____ MasterCard

Signature: _____ Account # _____ Exp. Date: _____

PLEASE COMPLETE AND MAIL OR FAX THIS FORM BY APRIL 30, 1998 TO:

LOUISIANA ENGINEERING SOCIETY
8126 ONE CALAIS #1A, BATON ROUGE, LA 70809
PHONE (504) 766-2028 FAX (504) 766-2038

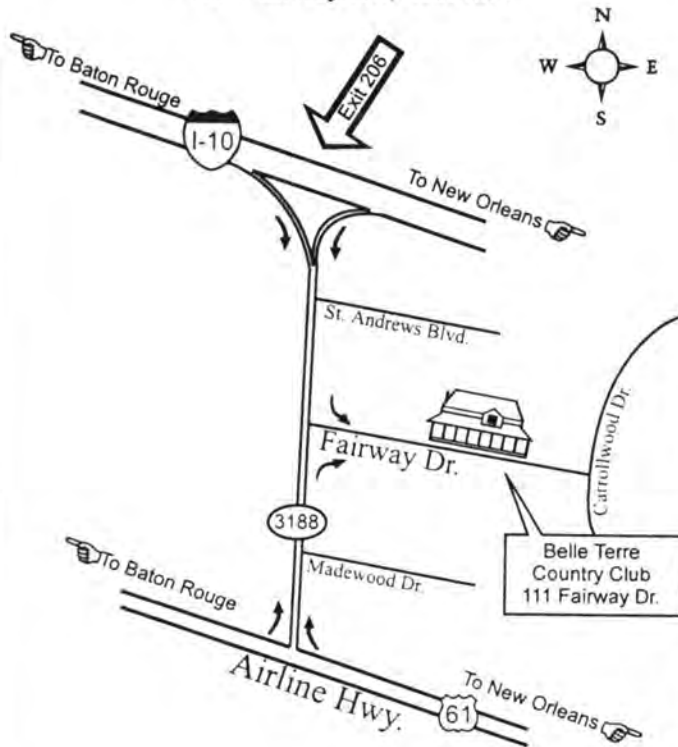
HOTEL ACCOMMODATIONS

New Orleans Airport Hilton, 901 Airline Highway, Kenner, LA 70062

For reservations call: (504) 469-5000 or 1-800-872-5914

Special Room Rate of \$90.00 for single or double occupancy. Must state "LES Centennial Meeting" to get
REGISTER EARLY! Hotel reservations must be made by *April 30, 1998*.

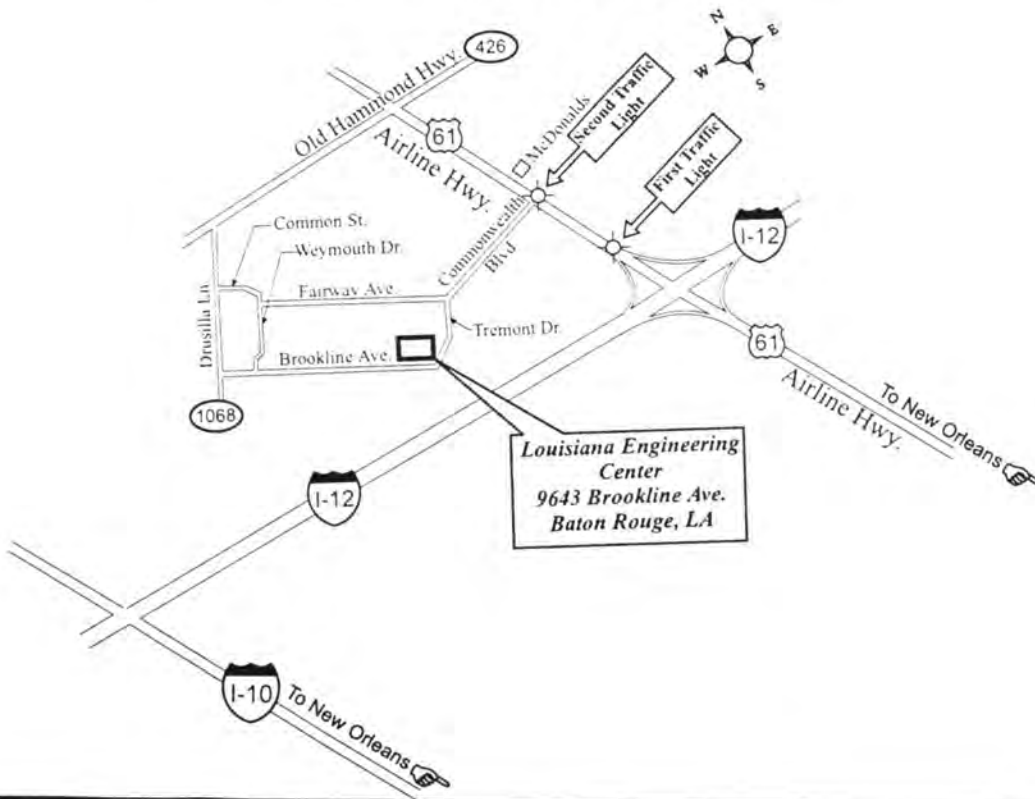
Belle Terre Country Club
111 Fairway Dr., LaPlace



New Orleans Airport Hilton
901 Airline Hwy. Kenner



Louisiana Engineering Center Groundbreaking Site
9643 Brookline Ave., Baton Rouge



ORDER OF THE ENGINEER

The idea of the Order of the Engineer, spawned from the Canadian "Ritual of the Calling of an Engineer". This was developed to instill a sense of high ethical standards in young engineers. The conditions these inductee's promise to follow, are the codes of ethics which were adopted by the Professional Societies of the time. The inductions were formal, personal events, during which the young engineer would take an oath, which has been compared to the Hippocratic Oath that young doctors take. However, the exact details of the Canadian ceremony are not known due to text copyrights, and the wish that the content is "neither for the public nor the press."

The first Iron Ring Ceremony was then held in 1925, at the University of Toronto, with the rumor that the rings were created from the remains of the Quebec Bridge. The Quebec Bridge, whose 1,800 foot cantilever structure collapsed in 1907, was a source of embarrassment to the design engineers. So, the rings' purpose was to serve as a reminder that engineers are not infallible, and that there are consequences for their failures. Also, that they must always take care in their designs as well as persist in the pursuit of excellence.

With the same goals in mind, Homer Borton and Brooks Earnest began to formulate what would become Order of the Engineer. Several years later, a renewed desire to assert more positive values in young engineers, gave Borton and Earnest the push they needed. On

June 4, 1970, the first American "steel" ring ceremony took place with some 170 students and faculty members participating.

With the Canadians blessing that the American's "steel ring" ceremony didn't infringe on their copyright's for "The Ritual of the Calling of the Engineer", the Order of the Engineer was born. Today the ceremony has taken place in more than 30 states, with tens of thousands of inductees.

There will be a ceremony at the LES Centennial on May 28. Please be sure to stop by the Registration desk to fill out an application.

Ⓜ **BELLSOUTH Mobility**®

ATTENTION LES MEMBERS

New Service for Members!

Louisiana Engineering Society and

BellSouth Mobility

Team Up With A

Corporate Cellular Plan

FOR A LIMITED TIME ONLY

\$16.00/Month

30¢/Minute

HOW DO I SIGN UP?

For membership verification purposes you must contact **Nicole Blanco** or **Blane Brignac**, our BellSouth Mobility Representatives to be eligible for this offer.

Certain credit requirements and contract restrictions apply.

For Greater Baton Rouge area, please call **Nicole Blanco at (504)978-1900**.

For Ascension Parish area, please call **Blane Brignac at (504)644-0599**.

For Lafayette, Hammond, New Orleans and surrounding areas, please call either of the above.

Member Placement Service

Participation in the LES Member Placement Service program is offered at NO CHARGE to members in good standing (current year dues paid). Qualified members seeking employment in engineering positions may submit a "positions wanted ad" of 50 words or less. Ad must contain the following: position desired, brief description of experience, years of experience, degree (specialty or major, name and location of school), license type, and relocation status (if desired). A code number will be assigned to your ad in order to protect the confidentiality of your search for employment. NOTE: DO NOT SEND RESUMES! Only ads of 50 words or less, containing the information requested, will be accepted.

Submit ads to: Louisiana Engineer, ATTN Classified/MPS, 8126 One Calais, #1-A, Baton Rouge, LA 70809. For additional information, call the LES office at (504)766-2028 You may fax your ad to LES at (504)766-2038.

Employer: If you are interested in speaking with any of these or other LES member candidates seeking employment, please complete this form and mail to LES, 8126 One Calais, #1A, Baton Rouge, LA 70809 or fax to (504) 766-2038.

Name: _____

Company: _____

Title: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ Fax: _____

Ad number(s): _____

LES will contact the member candidate to inform him/her of your interest and will be given the name and phone number of the person from your company that desires an interview or discussion. The member candidate is responsible for contacting the company directly if he/she chooses. LES does not guarantee that the company will be contacted by the candidate or that the candidate will obtain employment as a result of this service.

I understand that my company will be charged a \$75 administrative service fee upon confirmation that a qualified candidate has secured employment with my company through this Service.

Name (please print): _____

Signature: _____ Date: _____

PROJECT MANAGER

Duplantis Engineering, Inc. seeks independent, highly motivated individual for the position of project manager. The candidate should possess the following:

- B.S. in Civil Engineering
- Professional engineering license in Civil Engineering or ability to obtain P.E. within one year.
- Experience in the areas of site development and public works engineering within a design firm for a minimum of 3 years.

If you meet these qualifications, please forward your resume and salary history in confidence to:

Duplantis Engineering, Inc.
Attn: David L. Duplantis, P.E.
204 East Seventh Street
Thibodaux, LA 70301

1998 CEC/L ANNUAL MEETING REGISTRATION FORM

Member's Name _____

Spouse/Guest Name _____

Firm _____

Firm Address _____

City/State/Zip _____

Telephone _____ Fax _____

	Fees	Amount
Member Registration _____	@ \$170.00	\$ _____
Spouse/Guest Registration _____	@ \$170.00	\$ _____
Additional Family Member Registration (18 Years and Older) _____	@ \$100.00	\$ _____
Non-Member Registration _____	@ \$300.00	\$ _____
Morning Tour per Person _____	@ \$ 25.00	\$ _____
Non-Member Registration for Risk Management Seminar and Lunch Only _____	@ \$ 55.00	\$ _____
CASH ENCLOSED (CHECK) _____		\$ _____

Mail to: Warren J. Wilder, Executive Director
Consulting Engineers Council of Louisiana
P.O. Box 1549 • Baton Rouge, LA 70821-1549 • Telephone: (504) 767-7822 • Fax: (504) 767-7811

Continued on page 18

★ BALLOT ★

BALLOT TO ELECT LES MEMBERS TO ENGINEERS SELECTION BOARD

Act 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 Contracts. 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 contracts.

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, 1998, and one ending December 31, 1998.

The LES Nominating Committee nominates James N. Moore, P.E., Pineville, LA, for the June 30 position and Paul D. Fryer, P.E., West Monroe, for the December 31 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 member or firm of which a member is an associate, 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, 8126 One Calais, #1A, Baton Rouge, LA, 70809, by **May 30, 1998**. Late ballots will not be accepted.
2. Make sure your name and address is 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, 1998 - June 30, 1999)

☐ James N. Moore, P.E., Pineville, LA

☐ For write-in candidate

POSITION TWO (Term January 1, 1999 - December 31, 1999)

☐ Paul D. Fryer, P.E., West Monroe, LA

☐ For write-in candidate

CONTRACT LANGUAGE AVAILABLE

An Act was signed into law by Governor Foster on June 17, 1997 in which CEC/L members and the entire design community have a substantial interest.

During the 1997 regular session, the Louisiana Association of Business and Industry successfully lobbied the passage of a bill that re-establishes a principal's immunity from general liability for on-the-job injuries to its contractor's employees, if those employees are performing work essential to the principal's ability to generate its products or services. Workers' compensation is again the exclusive remedy for such injuries. However, it is extremely important to know what the new law requires you to do in order to obtain its protection, so says James E. Patterson, Director of LABI's Employee Relations Council. The Act overturns the adverse Louisiana Supreme

Court decision in *Kirkland v. Riverwood International* (September, 1996) which, for all intents and purposes, abolished principals' statutory employer immunity.

Act 315 returned to the principal the right to assert this immunity, but only if it is stipulated in a written contract that the principal is the statutory employer for the contractor's direct and statutory employees. Please note that after June 17, 1997, principals will not be immune from liability if such language is not placed in a written contract with the contractor.

In late 1997, the CEC/L Board of Governors authorized CEC/L legal counsel to proffer his opinion on the subject matter. In a response letter, attorney Gray Sexton makes the following observations:

"First, the Act amends a provision in the Louisiana Workers' Compensation Act to provide that an injured worker can

Continued on page 19

SERVING DESIGN PROFESSIONALS IN PRIVATE PRACTICE

PROFESSIONAL LIABILITY INSURANCE

LOSS PREVENTION - RISK MANAGEMENT ASSISTANCE

INDUSTRIAL · PUBLIC WORKS
PETROCHEMICAL · COMMERCIAL
ENVIRONMENTAL · GOVERNMENTAL
AND MOST OTHER PROJECT TYPES

SERVING LOUISIANA
ENGINEERS · ARCHITECTS · SURVEYORS
FOR OVER TWENTY-TWO YEARS

AS
INSURANCE
SPECIALISTS

ALEXANDER & SANDERS

9613 BROOKLINE · BATON ROUGE · 70809
504/924-1371

recover workers' compensation benefits for injuries on the job from either the "special employer" or the "general employer" or both. A "special employer" is one which "borrows" the employee and directs and controls the employee; the "general employer" is the employer from whom the employee actually receives a paycheck. This provision of the Act seems to apply to those situations when an employee from a temporary agency is hired. If an engineering firm were to hire a temporary employee, it would be a "special employer" of that employee and would be liable for workers' compensation benefits to the same extent that it would to its employees. However, the law provides that the special employer and the general employer may provide for contribution and payment between themselves. Thus, the special and general employers can provide, by contract, that

the general employer is ultimately responsible for the workers' compensation benefits to the temporary employee whether by indemnification or otherwise. I would recommend to any engineering firm that hires temporary employees (even clerical employees) that they have a contract with the temporary service (general employer) which states that the general employer is the party ultimately responsible for the workers' compensation benefits claimed by the employee and that the general employer will indemnify the special employer for any benefits that it is required to pay by law.

The benefit of this law is intended to provide that the temporary employee cannot make a claim for tort damages against the special employer. Any injury suffered by the employee would be compensable by the special employer only under the workers' com-

pensation act. Whether or not the Courts will hold that a special employer that did not pay any compensation benefits (because the general employer paid them) will be immune from a tort suit remains to be seen.

Second, the Act amends La. R.S. 23:1061 (also part of the Louisiana Workers' Compensation Act). This amendment provides that when a "principal" undertakes to execute any work which is part of his trade or business and contracts with another ("Contractor") to perform all or part of that work, the Principal shall be liable to an injured worker of Contractor for only compensation benefits and not tort liability.

"Part of his trade or business" is defined to mean an integral part of or essential to the ability of the principal to generate the individual principal's goods, products or services.

A "statutory employer" relationship is deemed by law to

exist whenever the services provided by the immediate employer (employer of the worker) are contemplated or included in a contract between the principal and anyone who is not the immediate employer. Otherwise, there must be a written statement in the contract between the principal and the contractor which states that the principal is the statutory employer. When the Contract recognizes a statutory employer relationship, there will be a rebuttable presumption of a statutory employer relationship between the Principal and the Contractor's employees; such presumption can be overcome by a claimant only with a showing that the work was not an integral part of or essential to the ability of the principal to generate that principal's goods, products or services.

Because this law is meant to protect Principals, I recommend that engineers drafting contracts

Continued on page 20

85 Years 3 Generations 1 Company—

T. Baker Smith & Son, Inc.

Since 1913, the Smith family and their family of employees have provided professional civil engineering, surveying and environmental services to a wide range of clients including the oil and gas industry, industrial and private developers, and government agencies.

For 85 years, three generations of engineers have been working hard to turn great ideas into reality.



(504) 868-1050 • 412 South Van Avenue Houma, LA
Visit our Web Site at <http://tbsmith.com>



*T. Baker Smith, P.E., P.L.S.
1889 - 1962*

*Wm. Clifford Smith, P.E., P.L.S.
PRESIDENT*

*Kenneth Wm. Smith, P.E., P.L.S.
EXECUTIVE VICE PRESIDENT*

between Owners and Contractors provide in those contracts that the Owner is the "statutory employer" of all the employees of the Contractor - both direct and statutory. This language would insure a rebuttable presumption in Owner's favor that it is a statutory employer and therefore its only liability would be for workers' compensation benefits to those employees of Contractor and Subcontractors injured on the job.

In addition, the Contract should also provide for indemnification to the Owner by the Contractor in that the Contractor will hold the Owner harmless and indemnify it for any workers' compensation benefits for which the Owner would be responsible as a result of this statutory employer liability.

With regard to a contract between the Owner and Engineer, as designer or consultant, I would also recommend such a provision. I have some concerns about whether the law would operate in that situation (the hiring of a professional for professional services when the Owner is not an engineer) but until there is some clarification of the law, I see no reason not to include such a provision in the contract.

If an engineer is involved in a Design-Build Contract, this language should be included in the contract with the Owner (to protect the Owner) as well as all subcontracts on the project (to protect the Design-Build entity from claims of subcontractor employees).

In the event that an Engineer is hired by a Contractor to work

on a project, the Engineer's employees may be subject to being limited to only workers' compensation remedies from the Owner or Contractor if such a provision is included in the contract between the Contractor and Owner or between the Contractor and Engineer and if other conditions of the law are met.

The purpose of the new law, as I understand, is to limit the liability of Owners and non-employers of workers on the job because it provides that the injured worker can only recover under the workers' compensation act and not the more expensive tort law. However, in order for this to work, it is imperative that all contracts within the contemplation of this law, provide a written clause providing an acknowledgment between the parties of

the relationship and, if necessary, an indemnification provision."

If you have any questions or want a copy of Gray's suggested language, call CEC/L at (504) 767-7822 or fax your request to (504) 767-7811.

CALENDAR OF EVENTS

May, 1998

- 3-6 ACEC Annual Convention
Waikoloa Village, Hawaii
- 19 AIAL/CEC/L Liaison Committee Meeting
Baton Rouge, LA
- 21 CEC/L Executive Committee Meeting
Baton Rouge, LA
- 27-30 Louisiana Engineering Society Centennial Meeting, New Orleans, LA

June, 1998

- 26-28 CEC/L Annual Meeting
Grand Casino Resort, Biloxi, Mississippi

PROFESSIONAL LISTINGS

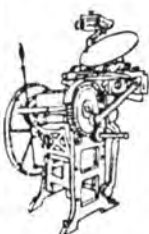
Your Ad Here

Your Ad Here

BRAMMER ENGINEERING INC.

Serving the Oil & Gas Industry since 1968

333 Texas Street, Suite 1425 Office Phone (318) 429-2345
Shreveport, LA 71101-5323 FAX No. (318) 429-2340



PRINTING INCORPORATED

3019 PLANK ROAD (504) 357-5961
BATON ROUGE, LOUISIANA 70805

FAX 355-2178



PROFESSIONAL TECHNICAL SUPPORT SERVICES, INC.

Scott M. Bergeron, P.E.
President

P.O. Box 3414
Baton Rouge, LA 70821
Corp. (504) 293-0136
FAX (504) 293-0196

Atlanta • Houston • Jacksonville • Pittsburgh



James E. Bowie, Jr., Ph.D., P.E.

President

103 Charbonnet Road
Duson, LA 70529 U.S.A.

Phone 318 988-2360
Fax 318 981-7922

Baton Rouge, LA (504) 928-7848
McLean, VA (703) 734-9093
Pensacola, FL (904) 968-3799

email - meyer@afmeyer.com

A.F. Meyer & Associates, Inc.

Environment, Safety and Health;
Pollution Prevention, Hazardous Material Management,
Optimum Value Pollution Prevention for Navy and
Merchant Marine Applications

See our Home Page at <http://www.afmeyer.com>

Notary Public
Professional Engineer



Admitted in
Louisiana and
Mississippi

PERRY J. ROUSSEL, JR.

Attorney and Counselor at Law
1710 Canines Drive
LaPlace, LA 70068

Roussel and Roussel
Located on Belle Terre Blvd.

FAX (504) 651-6592
Telephone (504) 651-6591

GULF STATES ENGINEERING CO., INC.

201 HARBOR CIRCLE
NEW ORLEANS, LA 70126

504-243-5500 FAX 504-243-5508

PUMPS • COMPRESSORS • BLOWERS
WATER AND WASTEWATER EQUIPMENT



Delta Process Equipment, Inc.

P.O. Box 969 • 8275 Florida Blvd.
Denham Springs, LA 70727-0969
(504) 665-1666
(504) 665-1835 Fax

Pumps • Compressors • Steam Turbines • Blowers
Wastewater Treatment Equipment • Filers • Mixers

SUNSTRAND
KONTRO
GORMAN RUPP
COPPUS-MURRAY
SUTTORILL
LEISTRITZ
KINNEY
DOLLINGER
SAUDER

SUMMIT CONSULTING GROUP, INC.

ENERGY AND ELECTRIC UTILITY CONSULTANTS

- > industrial & Electric Utility planning
- > industrial plant energy cost reduction
- > engineering / economic decision analysis
- > management consulting
- > strategic business planning

Ben Claassen, Jr., P.E., PhD (504) 833-3932



Sea Water Conversion Equipment
Pharmaceutical Distilling Plants
Marine Heat Exchangers and Pumps
Reverse Osmosis Systems

MECHANICAL EQUIPMENT COMPANY, INC.
861 CARONDELET STREET, NEW ORLEANS, LA 70130 U.S.A.

PHONE: (504) 523-7271
TELEFAX: (504) 525-4846

TELEX: 460165

WALDEMAR S. NELSON AND COMPANYINCORPORATED
ENGINEERS AND ARCHITECTS1200 ST. CHARLES AVENUE
NEW ORLEANS, LA 70130TELEPHONE: (504) 523-5281
FACSIMILE: (504) 523-4587
TELEX: 384351 NELSONGCOMPLETE ENGINEERING AND PROJECT MANAGEMENT SERVICES
50 YEARS OF EXPERIENCE SERVING INDUSTRY

- SITE PLANNING / PERMITTING
- CHEMICAL / PROCESS / PETROLEUM
- CIVIL / STRUCTURAL
- ELECTRICAL / ELECTRONIC
- ENVIRONMENTAL / SANITARY
- INSTRUMENTATION / CONTROLS
- CONSTRUCTION MANAGEMENT
- MONITORING / MODELING
- MECHANICAL
- PIPELINE
- MINING
- HVAC
- ARCHITECTURE
- ASBESTOS

**Parsons
Brinckerhoff
Quade &
Douglas, Inc.**3801 Canal Street
Suite 225
New Orleans, LA 70119-6071
504-488-1158
Fax: 504-488-3202
mcdaniel@pbworld.com**BALAR**
ENGINEERS • SURVEYORS
CIVIL • STRUCTURAL • ENVIRONMENTAL

STEVEN W. BROWN, P.E.

BALAR ASSOCIATES, INC.
631 MILAM STREET, SUITE 200
SHREVEPORT, LA 71101PHONE (318) 221-8312
FAX (318) 424-6508
E-MAIL: swbalar@softdisk.com**SJB GROUP**
INCORPORATEDSJB Engineering
SJB Industrial Services
SJB Land Surveying
SJB Information Solutions
SJB WorkcorpsP.O. Box 1751
Baton Rouge, LA
70821-1751
(504) 769-3400
Fax (504) 769-3596
www.sjbgroupp.com
Gonzales, LA (504) 644-7900
Natchez, MS (601) 442-4040**LOURIE CONSULTANTS**geotechnical and geoenvironmental
consulting services

...quality measured in the client's terms

3924 Haddon Street
Metairie, Louisiana 70002-3011
WWW: http://users.aol.com/lor1pg1.htm
Tel: (504) 887-5531; Fax: (504) 888-1994
E-mail: Lcon1@aol.com**CDM** environmental engineers, scientists,
planners, & management consultants**CAMP DRESSER & McKEE INC.**3445 North Causeway Boulevard, Suite 600
Metairie, Louisiana 70002
504 832-7272500 Laurel Street, 4th Floor
Baton Rouge, Louisiana 70801
(504) 387-3822

offices nationwide

**MONTGOMERY WATSON**Municipal Operations
3501 N. Causeway Blvd.
Suite 400
Metairie, LA 70002
Tel: 504-835-4252
Fax: 504-835-0009Industrial Hazardous Waste
Operations
107 Mallard St., Suite D
St. Rose, LA 70087
Tel: 504-466-3956
Fax: 504-468-9203

Serving the World's Environmental Needs

ERM-Southwest, Inc.
ENVIRONMENTAL
CONSULTING
ENGINEERS &
SCIENTISTS

ERM

ATCHLEY & ATCHLEY, INC.CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
PLANNERS412 La Salle Street
Shreveport, Louisiana 71107
PH. (318) 222-5821 FAX (318) 227-2233
E-Mail: atchley@ark-la-tex.comCORPORATE OFFICE
17170 PERKINS ROAD
BATON ROUGE, LA 70810
(504) 755-1000
FAX: (504) 751-2010YOUR FULL SERVICE
ENVIRONMENTAL
CONSULTANT**LAMY J. CHOPIN, JR., P.E.**

Engineered Solutions to Regulatory Issues

Baton Rouge • Lake Charles • Shreveport • Beaumont-Port Arthur • Austin

**LOUIS J. CAPOZZOLI & ASSOCIATES, INC.**
Geotechnical EngineersEngineering Consultation
Laboratory and Field Testing
Land and Marine Site Explorations10555 Airline Highway Baton Rouge, LA 70816-4199
Telephone (504) 293-2460 Fax (504) 293-2463**Alliance, Inc.**Architecture • Engineering • Planning
Airport Consulting • SurveyingPetroleum Sq., Suite 100 1324 N. Hearne Ave.
Shreveport, LA 71107 Fax: (318) 221-7635
Phone (318) 221-7501**WINK, INCORPORATED**WINK ENGINEERING
W/E PROFESSIONAL SURVEYS
WINK ARCHITECTURAL
OCEANIC ENGINEERING4949 Bullard Ave. • New Orleans, LA 70128-3147
Office: (504) 246-7924 Fax: (504) 246-8759

internet: wink@comm.net e-mail: wink@winkinc.com

**Meyer, Meyer, LaCroix & Hixson, Inc.**
Consulting Engineers & Land SurveyorsAlexandria Baton Rouge Ruston
318-448-0888 504-756-1447 318-255-7236**W. Thomas Turner, P.E.**
President & Chief Executive Officer3867
Plaza Tower
Drive
Suite 240Baton Rouge,
Louisiana
70816Telephone
504-293-6700Fax
504-293-6709**TURNER &
ASSOCIATES, INC.**
Environmental Consultants & Engineers**professional engineering
consultants corporation**

Consulting Engineers

1450 Seaboard Drive
Baton Rouge, La. 70810 (504) 769-2810**TQM Systems®**
Making Quality a Reality12382 Mollylea Drive
Baton Rouge, LA 70815-6616
Phone: 504-273-4972 Fax: 504-273-4979M.M. "Mickey" Christensen, P.E.
President IRCA Lead Auditor # A003773
RAB Lead Auditor # Q01741**FORTE AND TABLADA, INC.**
CONSULTING ENGINEERSOFFICE (504) 927-9321 • FAX (504) 927-9326
P.O. BOX 64844 • BATON ROUGE, LA. 70896
9107 INTERLINE AVE. • BATON ROUGE, LA. 70809**BROWN & BUTLER, INC.**

Consulting Engineers and Land Surveyors

General Civil Engineering & Land Surveying

8335 KELWOOD AVE. - SUITE D
BATON ROUGE, LA 70806-4804PH. 504/ 924-0235
FAX. 504/926-1687
EMAIL: brwnbutler@aol.com**THE MEYER GROUP****Meyer and Associates, Inc.**
Engineers • Planners
Vernon F. Meyer and Associates, Inc.
Surveyors
The Meyer Group, Inc.
Project & Construction Management503 Cities Service Hwy. • P.O. Box 2149 • Sulphur, Louisiana 70664 • (318) 625-8353
5325 Mounes Street, Suite 102 • New Orleans, Louisiana 70123 • (504) 733-3770**mader-miers**
ENGINEERING INC.3909 W. CONGRESS ST.
SUITE 101
LAFAYETTE, LA 70506LAFAYETTE (318) 989-8047
CROWLEY (318) 788-3247
FAX (318) 988-3219



SALMON & ASSOCIATES, INC.

Consulting Engineers serving the
Chemical, Petrochemical,
Petroleum and Metallurgical Industry

626 HIGHLANDIA
BATON ROUGE, LA 70810
(504) 752-7250

Office Ph. (504) 868-1050
N.O. Ph. (504) 586-8222
Home Ph. (504) 872-6003
FAX Ph. (504) 868-5843

T. BAKER SMITH & SON, INC.

CIVIL ENGINEERS & SURVEYORS
LAND - OFFSHORE - HYDROGRAPHIC
ENVIRONMENTAL RESEARCH

412 South Van Ave.
P.O. Box 2266
Houma, LA 70361

WM. CLIFFORD SMITH, P.E., L.S.
President



CH2M HILL
1515 Poydras Street
Suite 2110
New Orleans, LA 70112-3723
(504) 593-9421
FAX (504) 593-9460



WALK HAYDEL

A DAMES & MOORE GROUP COMPANY

- Project Managers
- Construction Managers
- Engineers
- Environmental Consultants

600 Carondelet Street
New Orleans, LA 70130-3587
Tel: (504) 586-8111 Fax: (504) 522-0554

LaBauve and Company Engineers, Inc.

A Professional Engineering Corporation

3640 BAYOU RAPIDES ROAD
ALEXANDRIA, LA 71303 PHONE: (318) 445-8910



CSRS

CHENEVERT • SONGY • RODI • SODERBERG
An Engineering/Architectural Corporation
6767 Perkins Road, Suite 200 • Baton Rouge, LA 70810
Phone (504) 769-0546 • Fax (504) 767-0060

Norman J. Chenevert, AIA Michael B. Songy, P.E., P.L.S.
Ronald J. Rodi, P.E. Curtis D. Soderberg, AIA

COYLE ENGINEERING CO., INC.



CHARLES G. COYLE, P.E.

P.O. BOX 6177
BOSSIER CITY, LOUISIANA 71117

3925 BENTON RD.
PHONE (318) 746-8987

DAVID VOLKERT & ASSOCIATES, INC.

Engineers • Architects • Planners

Patrick Wilson, P.E.
Vice President

3801 Canal Street • Suite 402
P.O. Box 791115
New Orleans, LA 70179-1115

(504) 486-6312
FAX (504) 486-6066

Office (504) 632-5596
Fax (504) 632-5628

Res. (504) 632-5646

J. W. P., INC.

J. Wayne Plaisance, Inc.
Civil Engineers • Land Surveyors

JOHN J. PLAISANCE, II
President

Post Office Drawer 730
Galliano, Louisiana 70354

Aillet, Fenner, Jolly & McClelland, Inc.
Consulting Civil, Electrical, Environmental & Structural Engineers
Robert D. Fenner, Joseph M. Walker, J. Wayne Roberson,
Gary W. Fenner, Kenneth V. Hill

Planning feasibility studies, land surveys, design, plans and specifications and construction inspection for bridges, streets and highways, airfields, water systems, sewage treatment and disposal, drainage, military construction, land development, and structural and foundation systems

1055 Louisiana Avenue
Shreveport, Louisiana 71101
Phone: 318-425-7452

423 Homer Road, Suite A
Minden, Louisiana 71055
Phone: 318-377-9700

MODJESKI AND MASTERS

CONSULTING ENGINEERS

Bridges • Highways • Structures
Mass Transit • Special Foundations
Reports Inspections Design
Inspection of Construction

1055 St. Charles Ave., New Orleans, La. 70130
(504) 524-4344

3645 Williams Boulevard
Suite 206
Kenner, LA 70065-3464
504 443 3437



Engineers, Architects
and Planners

Ford, Bacon & Davis • CONSULTING
INCORPORATED



- ENGINEERING
- PROCUREMENT
- CONSTRUCTION

100 YEARS OF ENGINEERED SOLUTIONS

4001 Jackson St. 318/323-9000
Monroe, LA 71202 Fax 318/361-0962



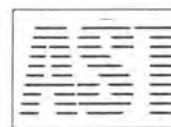
ARCHITECTS ENGINEERS PLANNERS

Comprehensive Services in

- Highway Traffic & Drainage
- Bridges & Structural
- Environmental Site Planning
- Aviation

HNTB Corporation

8281 Goodwood Blvd., Suite J • Baton Rouge, LA 70806
(504) 927-8492 • (504) 927-8455 Fax



ASSAF,
SIMONEAUX,
TAUZIN
& ASSOCIATES, INC.

consulting engineers

8417 Kelwood Avenue Phone: 504/926-5600
Baton Rouge, Louisiana 70806 Fax: 504/926-5620



& ASSOCIATES, INCORPORATED
(REGISTERED ENGINEERS & LAND SURVEYORS)

400 East Kaliste Saloom Road
Suite 1100
P.O. Box 52115
Lafayette, LA 70505-2115

(318) 232-5182
LA WATTS (800) 737-5182
FAX (318) 237-7132

Lloyd G. Hoover, P.E.
District Manager
Alexandria, Baton Rouge,
Monroe, Shreveport, Texarkana



7272 Greenwood Road 71119
P.O. Box 19220
Shreveport, Louisiana 71149-0220
(318) 636-3673
(318) 636-3723 Fax

1-888-27DRIVE
(504) 755-2255
Fax (504) 755-2266



Adjustable Speed Drives - Systems Integration

QUALITY DRIVES & SYSTEMS, INC.

<http://www.qualitydrives.com>

info@qualitydrives.com

BURK - KLEINPETER, INC

ENGINEERS
ARCHITECTS PLANNERS
ENVIRONMENTAL SCIENTISTS

4176 CANAL STREET
NEW ORLEANS, LA 70119-5994

TEL (504) 486-5901 FAX (504) 488-1714

Denmon Engineering Company, Inc.

1973-1998

25 Years of
Quality
Engineering
and Surveying
Services

Engineers and Surveyors
PO Box 8460
Monroe, Louisiana 71211-8460
(318) 388-1422 phone
(318) 361-5036 fax

AREA CODE 318
433-0561

D. W. JESSEN & ASSOCIATES
CIVIL & CONSULTING ENGINEERS

440 KIRBY ST.
D. WALTER JESSEN, JR LAKE CHARLES, LA

103 PICCIOLA PARKWAY
P.O. BOX 687
DUT OFF. LA 70345
(504) 832-5786
(504) 832-2407 FAX



PICCIOLA & ASSOCIATES, INC.

CONSULTING ENGINEERS & SURVEYORS

MARCO J. PICCIOLA, II, P.E., L.S.

gregory c. rigamer & associates, inc. professional consulting services

3230 W. Esplanade, Suite A
Metairie, LA 70002 (504) 836-6166

Michael W. Flores, P.E., P.L.S.

André DeHaan, P.E.



CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS • CONSULTANTS



Jim D. Koontz & Associates, Inc.

P. O. Box 1054

Hobbs, New Mexico 88240

Ph 505 392 7676

Fx 505 392 7602

Jim D. Koontz, P.E.
President



ALBERT • GARAUDY AND ASSOCIATES, INC. ENGINEERS

Multi-Discipline Project Consulting Engineers

■ Oil & Gas ■ Petrochemical ■ Refining

3500 North Causeway Blvd. Ste. 600, Metairie LA 70002
PHONE 504-846-6400 FAX 504-838-8955
EMAIL hostmaster@aga-engineers.com

MOHR & ASSOCIATES, INC. Consulting Civil Engineers & Land Surveyors

6025 Buncomb Road
Shreveport, Louisiana 71129
Telephone: 318/686-7190



JAMES D. MOHR
PROFESSIONAL ENGINEER
PROFESSIONAL LAND SURVEYOR



Gulf South Engineers, Inc.

1700 GRAND CARLOU RD.
HOUMA, LA 70303-8076
(504) 876-8380
FAX (504) 876-0821

3925 N. I-10 SERVICE RD WEST
SUITE 201B
METAIRIE, LOUISIANA 70002-6831
(504) 454-1710
FAX (504) 454-1781

ENGINEERS • ARCHITECTS • PLANNERS • SURVEYORS



STE

SOIL TESTING ENGINEERS, INC.

GEOTECHNICAL, ENVIRONMENTAL & MATERIALS
CONSULTANTS

316 HIGHLANDIA DRIVE
BATON ROUGE, LA 70810
(504) 752-4790
FAX 752-4878

4100 LOUISIANA AVENUE
LAKE CHARLES, LA 70605
(318) 474-1340
FAX 477-7702



CONSULTING ENGINEERS
SERVING THE PETRO-
CHEMICAL AND OIL & GAS
INDUSTRIES

OFFICE (504) 835-2577
FAX (504) 837-5824

3330 WEST ESPLANADE AVE. • SUITE 300 • METAIRIE, LOUISIANA 70002

PETROLEUM ENGINEERS INTERNATIONAL, INC.

Drilling Completion & Workover Programs
Office and Field Supervision
Property Management - Total Operations
Turnkey Operations
Reservoir Engineers
Industry Training Schools

P.O. Box 52588

Lafayette, Louisiana 70505 (318) 233-5346



HOUSTON

17625 El Camino Real, Suite 412
Houston, TX 77058
1 (800) 737-0591

Web Site: www.knighthawk.com

Providing solutions in

- Design
- Analysis
- Pipe Stress
- Vibration Analysis
- Field Services
- Troubleshooting

of static and rotating equipment

BATON ROUGE

10985 N. Harrell's Ferry Rd.,
Suite 228
Baton Rouge, LA 70816
(504) 767-0591

EUSTIS ENGINEERING GEOTECHNICAL ENGINEERS

CONSTRUCTION QUALITY CONTROL
AND MATERIALS TESTING
MONITORING WELL INSTALLATION
(504) 834-0157



3011 28TH STREET

METAIRIE, LA 70002

George J. Mahl, III, P.E.

Telephone (504) 733-8050
Fax (504) 733-8052

m Mahl & Associates, Inc.
CONSULTING ENGINEERS
5817 Citrus Blvd., New Orleans, LA 70123



SERVING
CLIENTS
WORLDWIDE

Geotechnical Engineering and Materials Testing
Cone Penetrometer Testing
Drilling, Monitor Wells
Marine Geosciences
Marine Surveys

LAKE CHARLES, LOUISIANA
(318) 439-1731



LANIER & ASSOCIATES CONSULTING ENGINEERS, INC.

INDUSTRIAL • MARINE • ENVIRONMENTAL
NEW ORLEANS, LA HOUSTON, TX

Woodward-Clyde

Engineering & sciences applied to the earth and its environment

Ara Arman, P.E.

Vice President and Principal

Professor Emeritus

Louisiana State University

Internet: axarman@wcc.com

Woodward-Clyde International-Americas

2822 O'Neal Lane • Baton Rouge, Louisiana 70816
504-751-1873 • Fax 504-753-3616



Delta Process Equipment, Inc.

P.O. Box 969 • 8275 Florida Blvd.
Denham Springs, LA 70727-0969
Ph. (504) 665-1666
Fax (504) 665-1855

Pumps • Compressors • Steam Turbines • Blowers
Wastewater Treatment Equipment • Filters • Mixers

SUNDSTRAND
KONTO
GORMAN RUPP
COPPUS MURRAY
SUTOWBLIT
LEISTRITZ
KINNEY
DOLLINGER



LINFIELD, HUNTER & JUNIUS, INC.
CONSULTING ENGINEERS AND ARCHITECTS

3500 North Causeway Blvd. / Suite 200
Metairie, Louisiana 70002
(504) 837-1666 / (504) 835-9933 fax

LE LIVINGSTON ENGINEERS, INC.

Professional Design Engineers
for 36 years.

Post Office Box 1865 318/527-3806
Lake Charles, Louisiana 70602 FAX: 318/625-8213



Lazenby & Associates, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS

JERRY G. LAZENBY, P.E., P.L.S.

FOY B. GADBERRY, P.E.

PAUL D. FRYER, P.E.

2000 North 7th Street • P.O. Box 728 • West Monroe, LA 71271-0728 • 318/387-2710
FAX 318/387-2718



Civil/Structural Engineers

9229 Bluebonnet Boulevard
Baton Rouge, LA 70810
504-765-7400
FAX 504-765-7244

**BADEAUX
ENGINEERS
INCORPORATED**
CONSULTING STRUCTURAL
AND CIVIL ENGINEERS
115 EAST SIXTH STREET 70301
POST OFFICE BOX 1056 70302
504-442-2317 THIBODAUX, LA

"A Perspective on the Past, Present and Future of the
Engineering Profession in Louisiana"



Gallier Hall

**1998
CENTENNIAL
MEETING**

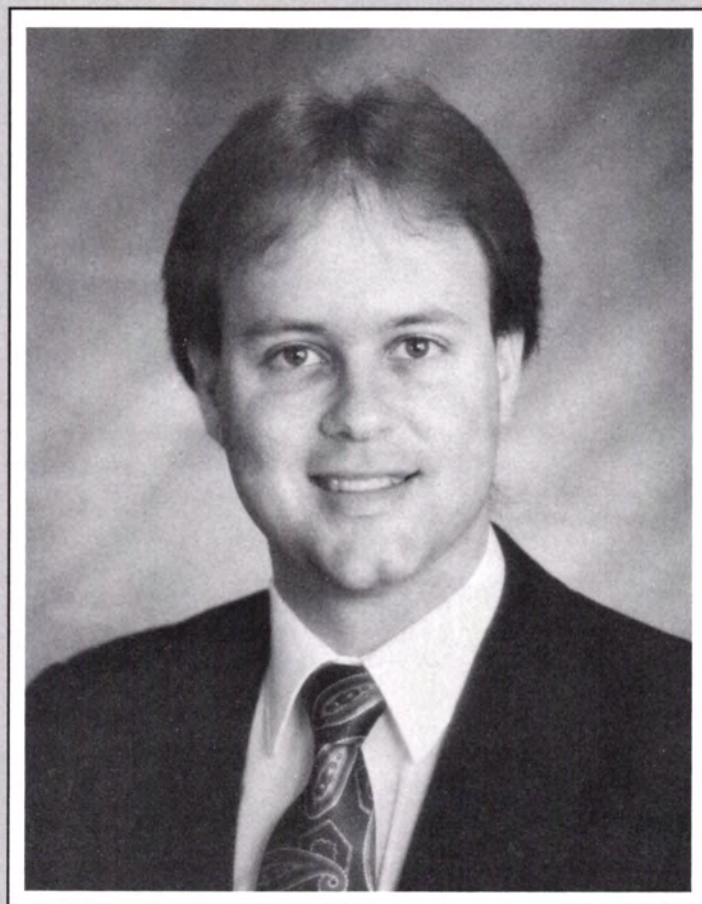
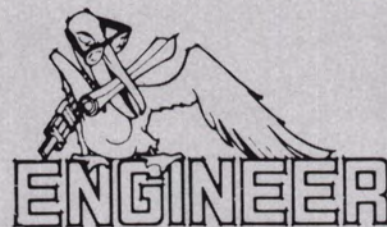


Louisiana Engineering Center

*May 27-29, 1998
New Orleans Airport Hilton**



JUNE, 1998
LOUISIANA



John Plaisance, II, P.E.

Louisiana Engineering Society
1998-99 President

Inside This Issue . . .

- ❖ 100th Annual Meeting Highlights — *see page 8*
- ❖ LES 1998/99 Board of Direction — *see page 12*
- ❖ Ground Breaking Ceremony — *see page 19*



Don't assume open cut is less expensive than Insituform.

Today, Insituform is an affordable choice for day-to-day sewer rehabilitation.



Of course Insituform is *less disruptive* than digging up and replacing old sewers. But did you know it's often *less expensive*, too?

Drawing on our 27 years in the pipe rehabilitation business, we have expanded the range of problems we can solve and lowered our costs. The result: you can now rehabilitate more pipe for your dollar than ever before.

What's more, when you choose Insituform, you still get the most reliable products on the market, with a proven 50-year design life. You get experienced pipe rehabilitation professionals who take complete responsibility for your solution.

Now it all just costs less.

So why dig?

Call Insituform today. **800-234-2992**

www.insituform.com



Insituform
Technologies, Inc.

Managing Editor
Brenda W. Gajan

Publishing Consultant
Printing Incorporated

Vision Statement

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

Mission Statement

The Louisiana Engineering Society is dedicated to the advancement of the engineering profession by pursuing 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 by a professional engineer 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.



LOUISIANA ENGINEERING SOCIETY
8126 ONE CALAIS, SUITE 1-A, BATON ROUGE, LA 70809
TELEPHONE (504) 766-2028 • FAX(504) 766-2038
E-mail - les@communique.net.
Home Page - <http://www.les-state.org>

In This Issue

Presidential Privilege	4
The Spec Sheet	5
Society News	6
100th Annual Meeting	8
Mathcounts	10
LES 1998/99 Board of Direction	12
CEC/L Engineers Selection Board Ballot	15
Engineering Center Ground Breaking Ceremonies	19
Professional Listings	20

Advertising Rates

Size	Width	Depth	Cost per issue *	Cost per year
Full page	7"	10"	\$210	\$1008
2/3 page	4 3/4 "	10"	\$168	\$806
1/2 page horiz.	7"	5"	\$137	\$658
1/2 page vert.	4 3/4 "	7 1/2 "	\$137	\$658
1/4 page horiz.	7"	2 1/2 "	\$105	\$504
1/4 page vert.	3 1/2 "	5"	\$105	\$504
Professional Listings	2 1/2 "	1 3/8 "	\$32	\$154

- 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 contract 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 six times annually; February, April, June, August, October and December.

LES OFFICERS AND BOARD

President
John J. Plaisance, II, P.E.
(504) 632-5596

First Vice President
Theodore H. Thompson, P.E.
(318) 439-4552

Second Vice President
Steve W. Brown, P.E.
(318) 221-8312

Secretary-Treasurer
John W. "Billy" Moore, P.E.
(504) 756-1447

NSPE Director
Bobby E. Price, Ph.D., P.E.
(318) 257-3546

STATE DIRECTORS
Philip K. Meyers, P.E.
(504) 927-5588
Ali M. Mustapha, P.E.
(318) 673-6035
Dale LeBlanc, P.E.
(318) 989-4545
Paul Fryer, P.E.
(318) 387-2710

PAST PRESIDENT
Ronald J. Rodi, P.E.
(504) 769-0546

EXECUTIVE DIRECTOR
Brenda W. Gajan
(504) 766-2028

CHAPTER PRESIDENTS
Alexandria
Maurice (Marty) Paulk, P.E.
(318) 443-7291

Baton Rouge
Alan Krouse, P.E.
(504) 757-1111

Bayou
Ron J. Boudreaux, P.E.
(504) 560-2121

Lafayette
Darrell Hicks, P.E.
(318) 981-4665

Lake Charles

Monroe
Stanton E. Huey, Jr., P.E.
(318) 325-1791

New Orleans
Angela L. DeSoto, PE
(504) 862-2733

Shreveport
James A. Hagan, Jr., P.E.
(318) 221-8312

PRACTICE DIVISIONS

Construction
Roger Melancon, P.E.
(504) 892-6500

Education

Bobby E. Price, Ph.D., P.E.
(318) 257-3546

Government

James N. Moore, P.E.
(318) 473-7792

Industry

Tom Holtzclaw, P.E.
(318) 398-1031

Private Practice

Paul Fryer, P.E.
(318) 387-2710

COMMITTEE CHAIRMEN

Constitution & ByLaws
Dudley Hixson, P.E.
(318) 448-0888

Engineering Education
Kam Movassaghi, P.E.
(318) 482-6511

Ethics & Professional Conduct
Foy B. Gadberry, P.E.
(318) 387-2710

Honors & Awards
Robert A. Brossette, P.E.
(504) 576-7169

Inter-Society Relations
Richard Savoie, P.E.
(504) 379-1384

Legislative
Jack K. Laws, P.E.
(504) 749-3561

Liaison w/State Board of Registration
John J. Plaisance, P.E.
(504) 632-5596

Long Range Planning
Steve Brown, P.E.
(318) 221-8312

MATHCOUNTS
Kerry J. LaBauve, P.E.
(318) 445-8910

Membership
Ali M. Mustapha, P.E.
(318) 673-6035

Public Relations
Richard Savoie, P.E.
(504) 379-1384

Scholarship
Bodin Hugger, P.E.
(504) 461-0577

Young Engineers
Chris Richard, P.E.
(318) 232-5182

The LOUISIANA ENGINEER is the official publication of the Louisiana Engineering Society. The magazine is published in February, April, June, August, October and December. Subscription fee of \$24 yearly for engineers and non-engineers not living in the state of Louisiana. Two dollars of each LES member's annual dues is set aside for six issues of the LOUISIANA ENGINEER. Periodical postage paid at Baton Rouge, La. The Louisiana Engineering Society does not guarantee the accuracy of statements made or necessarily concur with opinions expressed in this publication. ISSN: (0024-6794)

POSTMASTER: Please send Change of Address Forms to LOUISIANA ENGINEERING SOCIETY, 8126 One Calais, Suite 1-A, Baton Rouge, La. 70809
Telephone 504/766-2028, FAX 504/766-2038



PRESIDENTIAL PRIVILEGE

John J. Plaisance, II, P.E. • President
Louisiana Engineering Society

Welcome to the start of LES' second century! We kicked the year off in spectacular fashion at the Centennial celebration in New Orleans. I would like to publicly thank Frank Gallagher and the rest of his committee for putting on the event. I would also like to recognize outgoing LES President Ron Rodi for the terrific job he has done in leading our society over the past year.

I may be the new president of the Louisiana Engineering Society, but I am no more important to our society than any of our members. It takes all of us to guide our society and our profession. We have brought our profession a long way in the last hundred years. Now, we take the first steps in guiding our profession over the next hundred years.

Our society was founded in part to allow engineers to pool their resources in procuring the books and tools that were necessary in 1898. My goal as president of your society is to bring us back to those roots - to dedicate ourselves to serving our members.

One problem we have yet to tackle is that we do not know what our members want us to do. We will use part of this year to survey our members - and some of our former members - to find out what we can do to help them. We need to find out what we can do to help them perform their jobs better, to serve our profession better, to serve our community better.

Membership in LES has been slowly dwindling since the downturn in our economy in the late 1980's. We have had excellent Membership chairmen over the last several years that have kept our membership from dropping too far. My goal this year is not to increase membership, but it is to better serve those members we do have. If we put together a good product, the engineering community will find us and will join us.

This year, your leaders will dedicate themselves to keeping open lines of communication with our members. Although we have made

attempts in the past, I feel that with today's technology, communication with and between our members should be easy to facilitate. Between the Internet facilities we have, our chapter newsletters, and our state journal, we have the ability to keep our members up to date on what we are doing. We also have the ability for our members to let us know what we should be doing and how well we are doing as leaders of our society.

Another important function for your leadership will be to take a lead in the evolution of professional development opportunities. As you know, beginning January 1, 1999, we will be required to spend the equivalent of 15 hours per year in improving our ability as engineers to serve the public. LES will take the lead in developing and distributing seminars, classes, and other learning opportunities for our members. Not only will we continue to offer these opportunities at our statewide meetings, but also we will offer regional seminars around the state. These seminars will be reasonably priced so that our members will not suffer too much sticker shock from the new regulations.

In short, I hope that we will grow as a group along with our growth as individuals. I also hope that we recognize the efforts of our peers along with their achievements.

As a side note, this will be the last edition of the *Louisiana Engineer* in its current form. We have concluded negotiations with the State Board of Registration and with the Louisiana Society of Professional Surveyors to join together and publish one journal for our professions. The first issue of this combined journal is due out in August. This new journal will have sections set aside for each of the three major contributors, as well as sections for groups such as Consulting Engineers Council of Louisiana. This is just one way we can work together as professionals for the common good.

Warren J. Wilder • CEC/L Executive Director
Consulting Engineers Section



THE PASSING OF GREATNESS

The entire engineering community in Louisiana mourns the passing of James L. Meyer, P.E., founder and recently retired from the firm of Meyer, Meyer, LaCroix & Hixson, Inc., Alexandria, LA. Jim died Saturday morning, May 30, 1998. He was a giant in more ways than one. His physical stature alone set him apart in any social or professional gathering. Standing a head above most, Jim always drew a crowd around him. However, he was a beacon, showing the way, if you will, to the next generation of engineers (and even his own generation), encouraging his peers to offer quality engineering and conduct beyond reproach. He epitomized the dignity and integrity that is synonymous with the engineering profession. He will probably be best remembered for his singular

efforts in the revitalization of the abandoned England Air Force Base which was ultimately turned over to the civilians in the Alexandria area. For years, he worked tirelessly through the Louisiana Engineering Society and the National Society of Professional Engineers to improve the practice of engineering in Louisiana. He served on numerous committees within the Societies and the Louisiana Engineering Foundation to promote the image of engineering. He also improved the image by simply offering his clients services which conformed to the NSPE and ACEC Codes of Ethics...and to his own code of uncompromising integrity and honesty. In March, 1976, shortly after the present firm was founded, Meyer, Meyer, LaCroix & Hixson, Inc. was inducted into the CEC/L membership. Recognizing the importance of LES and CEC/L, Jim remained as an active force in LES, and his brother, Arthur, devoted his boundless energy to CEC/L. In the latter part of 1976, Jim was appointed by the governor to serve as a member of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors. Jim was also a devoted father and husband, as well as an active parishioner in his church. He was a gentleman and a gentle man, an "engineer extraordinaire." His splendid character and unselfish efforts over the years will serve as a brilliant example to all professionals. To his wife, Joy, and their whole family, the entire CEC/L membership offers its most profound condolences.

Warren J. Wilder
Executive Director

person commission included a member appointed by the presiding officer of the Louisiana Engineering Society; however there was no representation from CEC/L. After several hours of attempting to talk with the bill's author, Rep. Pete Schneider, Slidell, I finally got Rep. William Daniel to introduce an amendment to include a member to represent CEC/L on the commission. The resolution was adopted as amended. We will also keep you up to speed on the activities of this commission.



CEC/L WELCOMES TWO NEW MEMBERS

The CEC/L Board of Governors and the Membership warmly welcomes two new members:

CBK SOILS ENGINEERING, INC.

2108 Enterprise Boulevard
Lake Charles, LA
Principal - Ronald H. Jones, P.E.
The firm and principal are qualified to offer services in the fields of geotechnical and environmental engineering.

DEAN TEKELL CONSULTING, L.L.C.

345 Doucet Road, Suite 226
Lafayette, LA
Principal - V.O. "Dean" Tekell, P.E.
The firm and principal are qualified to offer services in the fields of civil engineering (traffic and transportation), structural and municipal engineering. If you run into these guys, please make them welcome!

DESIGN-BUILD LEGISLATION - UPDATE

In the last issue of this magazine, I reported to you that Design-Build had raised its head in the First Extraordinary Session of the Louisiana Legislature in the form of a pilot program by the Louisiana Department of Transportation and Development (LDOTD). The original bill was, at best, vague and appeared to give the LDOTD a lot of power and discretion in promulgating a design-build program. CEC/L, LES, AGC and others opposed the

bill because of the open-ended appearance of the bill and the shared opinion that it was felt that the design-build process actually hurts the small firms. After all was said and done, the bill, HB 81 by Rep. "Juba" Diez, was finally enrolled amended as a pilot program of three projects, each project with a construction budget of not over \$500,000.00. The Department will be accountable to a joint committee of the House and Senate Transportation Committees. Design-Build has been, and still remains, a very con-

troversial topic with proponents and opponents in all organizations. This pilot program will give everyone a taste of the procedure. We will keep you informed on the outcome of the program.

On the last day of the Special Session, I discovered a newly introduced House Concurrent Resolution. HCR 76 would create a study commission to study the feasibility and advisability of privatizing the functions of the Department of Transportation and Development relating to the state's highway system. The 18-

Continued on page 15



SOCIETY NEWS • SOCIETY NEWS

NEW MEMBERS

Baton Rouge Chapter

Kurt Allen, E.I.
Yvette P. Weatherston, E.I.
Brian E. Smith, P.E.
Andree' E. Fakier
Stephanie L. Pace
Mark Hughes
Ross Cannraro
Benjamin S. Hammatt
Courtney J. Doucet
Bryan C. Jackson
Benjamin Fernandez
Travis A. Fox
John Anthony Hebert
Melissa Dillon
Emily S. Hebert
Sean Pfiffer
Brian L. Freese
Robert A. Wright, P.E.
Michael Scott Grand, P.E.
Melanie L. Perry
Rebecca Erwin

Bayou Chapter

Scott Bergeron, P.E.
Joseph J. Boudreaux, E.I.

Lafayette Chapter

Frank W. Titus, P.E.
Wilbur L. Allain, P.E.

Lake Charles Chapter

Harold C. Weiss, P.E.

Monroe Chapter

Ellis E. Alford, P.E.

Shreveport Chapter

Joe M. Walker, P.E.
Scott M. Hughes, E.I.
David L. Franz, P.E.
Michael S. Vercher, E.I.
Gary M. Clark, E.I.
Matthew O. Fleming
Henry P. Dodd, E.I.
David E. Kunz
Barbara E. Featherston, P.E.

✿ Alexandria Chapter ✿

by Marty Paulk, P.E.
Alexandria Chapter President

As the 1997 - 1998 year comes to a close, the Alexandria Chapter has been busy with the year end activities. On April 17th, the Chapter held its annual Golf Tournament and Crawfish Boil. The Golf Tournament, coordinated by Neil Klock, P.E., was held at the Alexandria Golf and Country Club. The format was a four man scramble, with five teams participating. The winning team was National Resource Conservation Service (NRCS), with a score of 59 on a par 72. Congratulations to team members Jimmy Moore, Steve Garner, Brad Sticker and Ralph Broome.

Following the Golf Tournament, the annual Crawfish Boil was held at the Dresser Industries picnic area. During the conduction of business at the boil, Chapter officers for 1998 - 1999 were elected. The new officers are: Marty Paulk, P.E. - President, Steve Gauthier, P.E. - 1st Vice President, Greg Whittington, P.E. - 2nd Vice President and Larry Smart, P.E. - Secretary/Treasurer. Thanks to Dresser Industries for the use of their facilities.

The May Monthly Meeting was held at the Louisiana Convention Centre in Alexandria. The guest speaker was Mr. Charles Saucier, with Louisiana State University at Alexandria. Mr. Saucier spoke to the group about the efforts to convert LSUA into a four-year university, the proposed four-year format and some of the changes that the conversion would require.

I am sad to announce that Mr. James L. Meyer, P.E., P.L.S., passed away on May 30, 1998. Jim was a leader and an excellent role model for everyone, including young engineers such as myself. He served Central Louisiana well and put the needs of his community ahead of his personal interests. Jim will be missed by everyone.

✿ Baton Rouge Chapter ✿

by Alan Krouse, P.E.
Baton Rouge Chapter President

The Annual Crawfish Boil was held May 16 and the following new officers were presented:

President	Alan D. Krouse, P.E.
1st Vice President	Tom Stephens, P.E., P.L.S.
2nd Vice President	Greg Sepeda, P.E.
Sec-Treasurer	Boyd Holmes, P.E.
Director	Darrell Jones, P.E.
Director	Buddy Porta, P.E.

I am looking forward to serving as the Chapter President and feel that the leadership Phil Meyers provided along with my talented group of Officers, my job will be enjoyable.

The past years accomplishments and events hosted by the Chapter include:

2nd Joint Engineering Conference

✿ CALENDAR OF EVENTS ✿

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Engineer*: Editor, 8126 One Calais, Suite 1-A, Baton Rouge, LA 70809.

July, 1998

- 1** Honors & Awards Nominations Begin
- 15** Chapter year-end financial statements due to the State Office
- 23-28** NSPE Annual Meeting, Tulsa, Oklahoma

September, 1998

- 11** LES Board of Direction Meeting, Alexandria, LA

Mathcounts Competition and Sponsor of State Mathcounts Champion Team.

Engineers Week Banquet where over \$5,000.00 in scholarships were presented by the Chapter, Auxiliary Chapter and Dr. and Mrs. Louis Capozzoli.

Golf Tournament for a LSU Professorship, which we hope to endow this year.

Christmas Party

This years program looks to be as challenging and before you know it we will be in Sandestin for the Annual Meeting. Is it too early to schedule a tee time?

♣ Bayou Chapter ♣

No Report

♣ Lafayette Chapter ♣

*by Darrell Hicks, P.E.
Lafayette Chapter President*

The Lafayette Chapter ended the year with a crawfish boil on May 15, with nearly 100 members and guests in attendance. As usual for Lafayette, a good time was had by all. LES was joined by ASCE and IEEE in hosting the event and each society was well represented.

Officers for the 1998/99 year were elected at the April meeting. The officers are as follows: Darrell Hicks, P.E. - President; Doug Dorsey, P.E. - 1st Vice President; Dana Montet, E.I. - 2nd Vice President; Chris Guidry, P.E. - Treasurer; and Craig Rogers - Secretary. We would like to thank Jeff Duplantis for his leadership as President during 1997/98.

We are already making plans for our monthly meetings starting in September and have a number of events and guest speakers already committed.

♣ Lake Charles Chapter ♣

No Report

♣ Monroe Chapter ♣

*by Stanton Huey, Jr.
Monroe Chapter President*

Our new State President, John J. Plaisance, II, P.E. will speak to us at our September 10, 1998 meeting. We will continue to pick up litter on Slack Street in West Monroe this summer. I would like for our Monroe chapter to consider organizing an endowment fund to help pay the tuition of a sophomore engineering student.

We have a new member, Ellis E. Alford, Jr. One of our members, Maxie J. Fowler, has passed away. Member Clifford Hatcher has retired. Nine of our members have dropped out. Ali Mustapha, State Membership Chairman, said that our chapter has met or exceeded the recruitment quotas set by the Membership Committee.

Dr. Bobby Price and I were at the Ground Breaking Ceremony in Baton Rouge on Wednesday morning, May 27, 1998. The following members of the Monroe Chapter were at the 1998 Centennial

Meeting in New Orleans: Kevin Crosby, Paul Fryer, Foy Gadberry, Dr. Leslie Guice, Thomas Holtzclaw, Dr. Bobby Price, Ryan Spillers, and I. The meeting was well organized and the seminars were both helpful and interesting. Dr. Guice spoke at the Round table of Engineering Deans as seminar #2 titled, "Future of Engineering Education in Louisiana".

Everyone seemed to enjoy the Dinner and Jazz Cruise on the Steamboat Natchez on Wednesday. We were entertained by the world renowned Dukes of Dixieland. Our Installation Banquet was held in the Plimsoll Club on top of the World Trade Center at the foot of Canal Street. Dr. Bobby Price entertained us on the bus trip from the World Trade Center to the Airport Hilton Hotel.

♣ New Orleans Chapter ♣

*by Angela DeSoto, P.E.
New Orleans Chapter President*

In April, the New Orleans Chapter held its election of officers in conjunction with the monthly meeting. The newly elected officers are Angela DeSoto, PE, President; Frank P. Gallagher, PE, First Vice-President/President-Elect; John Lawrence, EI, Second Vice-President; Bodin A. Hugger, PE, Secretary/Treasurer; Becky Johnson, PE, Director; and Keith M. Gonzales, EI, Director.

At that meeting Messrs. Andrew Thomas and Ben Meroney gave attendees some insights about testifying as a expert witness. Mr. Thomas, an oil and gas attorney, and Mr. Meroney, a patent and intellectual property attorney, commonly works closely with the engineering committee on cases. Through their careers, both have gained insight to what makes both a good and bad witness. Using Mr. Jim Rike, PE as a witness, both went through role playing examples of expert witness testimonies and taught us how to most effectively testify.

May 27-29, the New Orleans Chapter hosted the LES Centennial Celebration. Frank Gallagher, Chair of the Celebration, and his committee did an outstanding job putting together the event. A special thanks goes to Mr. Waldemar S. Nelson and his company, which provided support throughout the planning.

For those who missed the celebration, it was both informative and entertaining. Over 100 engineers from throughout the state participated in seminars and meetings across the three-day period. Topics included "Continuing Professional Development", "Consensus Standards", "A Perspective of the Past, Present, and Future of Engineering", and "Future of Engineering Education". Between talks, engineers took advantage of the exhibit hall with eighteen exhibitors. Adjacent to the exhibit hall, a 1950's office complete with engineering tools and furniture of the era and a vintage draftsman were open for viewing. Other activities included a riverboat jazz dinner cruise, the state installation banquet, and a crawfish boil.

♣ Shreveport Chapter ♣

No Report

LES 100th Annual Meeting Minutes

The May 28, 1998 LES General Membership Meeting was convened at 12:30 p.m. by President Ron Rodi in Kenner, LA. Fifty-four members and guests were present.

The Agenda was modified as follows: add #5 - USL Student Chapter, #9 - Report from Ken Walch, #10 - Announcements, and #11 - Adjournment. **Leon Hinson moved, seconded by Phil Meyers, to accept the agenda as modified, motion carried.**

The minutes of the May 29, 1997 General Membership Meeting was reviewed and a typographical error was corrected. **Ted Thompson moved, seconded by Bobby Price, to accept the May 29, 1997 minutes as corrected, motion carried.**

Ted Thompson reviewed the LES financial statement of 4/30/98, the LA Engineering Education Fund financial statement of 4/30/98, and the LES Practice Division financial statement of 4/30/98. The floor was opened for questions. **Ted Thompson moved, seconded by Curtis Mann, to accept the three financial statements.**

Ron Rodi reported that the USL Student Chapter was celebrating its 50th Anniversary and presented a plaque commemorating the event to Jim Bowie on behalf of the chapter. Mr. Bowie remarked on USL Student Chapter activities.

Ron Rodi reported on the Ground Breaking Ceremony which took place on May 27th, and stated that construction will begin on the new Engineering Center immediately with completion estimated by the end of the year. Ron thanked Mr. Waldemar Nelson for his leadership role in bringing this vision to fruition.

Ron Rodi reported that LES, under the leadership of John Plaisance, has been successful in negotiating with the State Board of Registration and LSPS to publish a combined magazine. The joint publication will begin with the August, 1998 issue and will be published quarterly. Ron will spearhead the effort to begin publishing this summer. The floor was opened for questions. Akbar Brinsmade requested that in the future, minutes of the general membership meeting be published in the *Louisiana Engineer*.

There were no old business items to discuss.

Ron introduced NSPE dignitaries; Dan Clinton, NSPE Southwest Regional Vice President, Bob Sylar, NSPE President Elect, and Ken Walch, NSPE President. Ken Walch spoke on behalf of NSPE and congratulated LES on 100 years of engineering achievement. The floor was opened for questions.

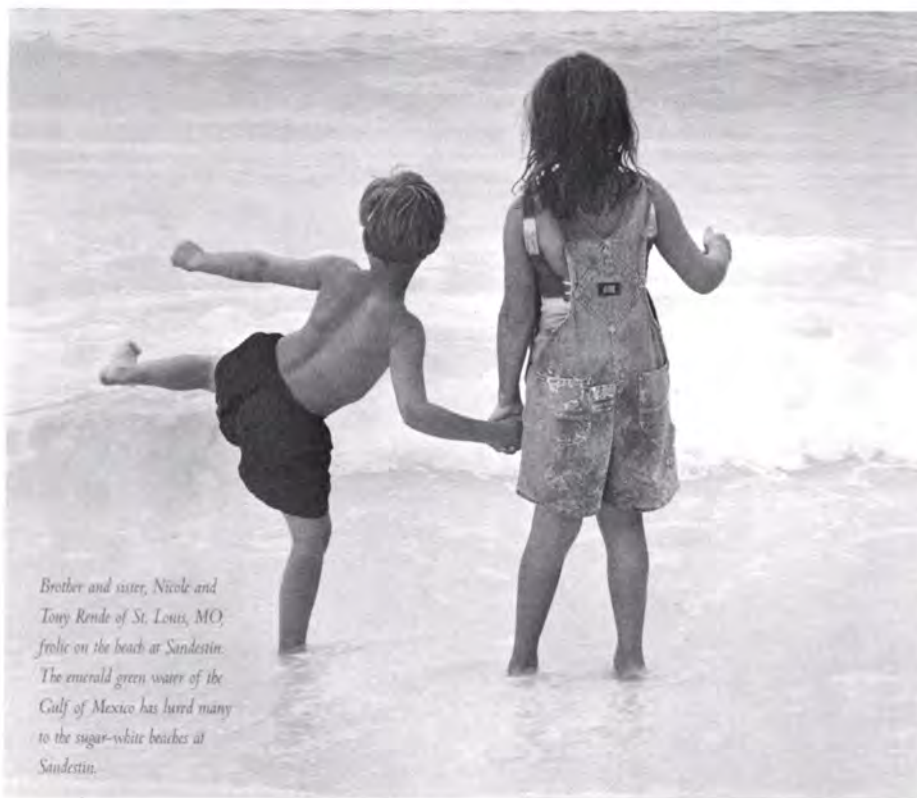
Ron Rodi thanked everyone for attending the 100th Annual Meeting and encouraged them to attend the many seminars and social activities planned for the remainder of the conference.

Ted Thompson moved, seconded by John Plaisance to adjourn the meeting, motion carried. The meeting adjourned at 2:00 p.m.

Highlights



Make Plans Now . . . 1999 Annual Meeting - June 20 - 24, Sandestin



Brother and sister, Nicole and Tony Rende of St. Louis, MO, frolic on the beach at Sandestin. The emerald green water of the Gulf of Mexico has lured many to the sugar-white beaches at Sandestin.



Taking care of your water and wastewater needs.

ENVIRONMENTAL TECHNICAL SALES, INC.

Ronnie Hebert, P.E.

7731 Office Park Boulevard • Baton Rouge, Louisiana 70809

Phone (504) 295-1200 • Fax (504) 295-1800

**Water • • Wastewater • • Sludge • • Air
Equipment — Systems — Solutions**



MATHCOUNTS

By *BRENDA GAJAN*

The 1998 State MATHCOUNTS competition was held at the Holiday Inn Convention Center in Alexandria on March 28th, hosted by LES and the Alexandria Chapter. The top three teams from each of the eight LES chapters as well as 5 individual winners from chapter competition, competed head to head, determined to become one of the top four Louisiana ambassadors to the national competition in Washington, D.C.

The mathletes were escorted through the exhibit hall which was filled with technical exhibits designed to show how mathematics are used in everyday engineering work. The day ended with a fish fry held at the Red River Amphitheater Pavilion. The students, teachers, parents, and guests found the day enjoyable as well as educational.

Congratulations to the following top Louisiana teams and individuals:

Top Ten Schools

1. Glasgow Middle School
2. Lake Castle Private School
3. Alexandria Country Day
4. Boyet Junior High
5. Herndon Magnet School
6. Gonzales Middle School
7. Caddo Middle Magnet
8. Episcopal High
9. Lake Castle Madisonville
10. Brame Junior High

Chapter

- Baton Rouge
- New Orleans
- Alexandria
- New Orleans
- Shreveport
- Baton Rouge
- Shreveport
- Baton Rouge
- New Orleans
- Alexandria

Top Ten Individuals

1. Kyle Tai
2. Matthew Wroten
3. Jason Turner
4. Edgar Xie
5. Raphael Mattamal
6. Megan Repar
7. Ravi Bamba
8. Edward Richmond
9. Darion Stofira
10. Andy Sams

School

- Herndon Magnet
- Glasgow Middle
- Brother Martin High
- Glasgow Middle
- Lake Castle Private
- L. J. Alleman
- Lake Castle Private
- Gonzales Middle
- Our Lady Queen of Heaven
- Alexandria Country Day

National Competition

The Louisiana MATHCOUNTS team arrived in Washington, D.C. on Thursday, May 14th, to participate in the 15th Annual National MATHCOUNTS competition. Members of the team were Matt Wroten and Edgar Xie from the Glasgow Middle School in Baton Rouge, Jason Turner from Brother Martin High in New Orleans and Kyle Tai from Herndon Magnet School near Shreveport. Coaching the team was Claudia Allums from Glasgow Middle School. The team had practiced on Wednesday and Saturday afternoons at the

Bluebonnet Library. This is the 11th time Coach Allums has served as state coach.

During the competition on Friday, the Louisiana team placed 14th out of 57 teams! The team worked well together, answering nine out of ten questions correctly on the difficult team round.

A highlight of the trip was a visit to Senator John Breaux's office after a limousine ride from the Omni Shoreham Hotel. The students were joined on the trip by Jim Hagan, who was the Shreveport MATHCOUNTS coordinator. Matt's parents, Mr. and Mrs. Ernie Wroten and Jason's parents, Dr. and Mrs. Turner with their son Michael also made the trip. The students wore red polo shirts during the competition which were donated by the Wroten's.

I would like to take this opportunity to sincerely thank the hundreds of volunteers who helped to make this years MATHCOUNTS program a huge success. Also, the Louisiana Engineering Society congratulates Coach Claudia Allums and the 1998 Louisiana Team for an excellent performance.

Next year's chapter competition will begin in early February. Now is the time for you to consider taking part in your community to make a difference in education in Louisiana by supporting the MATHCOUNTS program. As you help promote MATHCOUNTS, you help the teachers to demonstrate that mathematics is important, you help students by providing an avenue to gain recognition for their hard work, you help the community by developing a math literate work force and finally, you will have an opportunity to work with some of the best and brightest young people this state has to offer. If you lend your support to the MATHCOUNTS program, everyone will be a winner!



Left to Right - Jason Turner, Kyle Tai, Edgar Xie, Matt Wroten, and Claudia Allums.

SCOTT M. BRAME JUNIOR HIGH SCHOOL
4206 BAYOU STREET
ALEXANDRIA, LOUISIANA 71301

Scott M. Brame, Principal

April 13, 1998

Dear MathCounts Sponsor:

As a MathCounts coach I appreciate your sponsorship of the State MathCounts Competition of which we were a part this year. Our team began practicing last September, and they have worked diligently all year to prepare for the competition.

The material which MathCounts prepares gives the students a chance to solve problems in their unique way without doing it the teacher's way. The teacher sees the creativity and mathematical intuition of the students in a way which is not always apparent in a regular math class. MathCounts develops an appreciation in these students for the talents of others, it teaches them leadership and teamwork, and it teaches them that one has to work hard to accomplish a goal. It also teaches them sportsmanship when they compete with the best students in the state and see what others have been able to accomplish.

My students participated in the demonstrations, the boat building competition, and the fish fry, to which some of their parents came also. We enjoyed the entire weekend and thank you so much for your sponsorship of the event.

Sincerely,

Lillian Cutshall
Lillian Cutshall,
MathCounts coach,
Brame Junior High School

Thank You LES!

Cedar Creek School

BOARD OF DIRECTORS
EMERITUS
ROBERT D. GARNER
P. BEN JAMES, JR.
THOMAS E. JAMES
DR. JERRY C. JOHNSON
CHARLES A. HILLBORN

3450 Cedar Creek Drive
Mudlick, Louisiana 71270
Telephone 225-779-7797
Fax 225-779-7797

BOARD OF DIRECTORS
DR. C. LAWRENCE NEAL
THOMAS J. POLK
RONN HANCOCK
TERRY EMMES
FRANCIS JOHNSON
ANDREW HANSEN
LORRAINE JOHNSON

TOM CAUREY
PRINCIPAL

LOUISIANA Engineering Society members
5126 One Calais, #1A
Baton Rouge, LA 70809

Dear MathCounts Sponsor:

Thank you for supporting the MathCounts Program during 1997-98. We hope you will be able to support us next year as well. We would not have been able to host state competition without your support.

Sincerely,
Drew Hinton
MathCounts Participant

April 8, 1998

Dear Louisiana Engineering Society Members,
Thank you for sponsoring the Boyl MathCounts team's trip to state competition. Your donation helped provide some engineering exhibits, food (including a hot fry) and lodging. The engineering exhibits included an exhibit on (1) pressure and (2) tension, and (3) surveying. During the competition, it felt as if we were indeed at home.

Yonnie Patterson
Theresa L. Brown
Theresa L. Brown
Theresa L. Brown

Thanks again,
Boyl MathCounts

Cedar Creek School

BOARD OF DIRECTORS
EMERITUS
ROBERT D. GARNER
P. BEN JAMES, JR.
THOMAS E. JAMES
DR. JERRY C. JOHNSON
CHARLES A. HILLBORN

3450 Cedar Creek Drive
Mudlick, Louisiana 71270
Telephone 225-779-7797
Fax 225-779-7797

TOM CAUREY
PRINCIPAL

BOARD OF DIRECTORS
DR. C. LAWRENCE NEAL
THOMAS J. POLK
RONN HANCOCK
TERRY EMMES
FRANCIS JOHNSON
ANDREW HANSEN
LORRAINE JOHNSON

Louisiana Engineering Society Members: April 8, 1998
5126 One Calais, #1A
Baton Rouge, LA 70809

Dear MATHCOUNTS Sponsor:
Thank you for supporting the MATHCOUNTS program during the 1997 and 1998 season. I have been in a MATHCOUNTS class all year, and the Louisiana Engineering Society members have helped pay for our supplies. My team made it to the state competition. I hope you will consider supporting the program in the years to come.

Sincerely,
Lee Bridges
MATHCOUNTS participant

April 14, 1998

To whom it may concern,

We would like to thank you for your contributions to the Math Counts Program. Our team placed 2nd in the New Orleans Regional competition. We continued on to State competition in Alexandria. It is because of your support that we were able to compete in the Regional and the State competition. Sponsors like you help us participate in programs that expand our minds and possibly direct our futures. Thank you again for your support. The Lake Charles Madisonville team appreciates your involvement in the Math Counts Program.

Sincerely,
Aly Plunkett
Carmelita Brown
Dustin Brown
Allison Bank



LOUISIANA
ENGINEERING SOCIETY
1998-99
BOARD OF DIRECTION



PRESIDENT

John J. Plaisance, II, P.E.
President
J. Wayne Plaisance, Inc.
Galliano, LA



President-Elect

Theodore H. Thompson, P.E.
Civil Engineer
F. Miller & Sons, Inc.
Lake Charles, LA



SECOND VICE PRESIDENT

Steven W. Brown, P.E.
Vice President
Balar Associates, Inc.
Shreveport, LA



SECRETARY-TREASURER

John W. "Billy" Moore, P.E.
Vice President
Meyer, Meyer, LaCroix &
Hixson, Inc.
Baton Rouge, LA



NATIONAL DIRECTOR

Bobby E. Price, Ph.D., P.E.
Professor & Associate
Department Head
Louisiana Tech University
Ruston, LA



PAST PRESIDENT

Ronald J. Rodi, P.E.
Principal
Chenevert, Songy, Rodi,
Soderberg
Baton Rouge, LA



STATE DIRECTOR

Paul D. Fryer, P.E.
Project Manager
Lazenby & Associates, Inc.
West Monroe, LA



STATE DIRECTOR

Dale W. LeBlanc, P.E.
Vice President
Dubroc Engineering, Inc.
Lafayette, LA



STATE DIRECTOR

Philip K. Meyers, P.E.
Vice President
G.E.C., Inc.
Baton Rouge, LA



STATE DIRECTOR

Ali M. Mustapha, P.E.
Assistant City Engineer
City of Shreveport
Shreveport, LA



**ALEXANDRIA CHAPTER
PRESIDENT**

Maurice L. Paulk, P.E.,
Mechanical Engineer
Barron, Heinberg and Brocato
Alexandria, LA



**BATON ROUGE CHAPTER
PRESIDENT**

Alan D. Krouse, P.E.
President
Aaco Engineering, Inc.
Baton Rouge, LA



**BAYOU CHAPTER
PRESIDENT**

Ronald J. Boudreaux, P.E.
President
Ronald J. Boudreaux, P.E., Inc.
Houma, LA



**LAFAYETTE CHAPTER
PRESIDENT**

J. Darrell Hicks, P.E.
Associate
Thomasee & Associates, Inc.
Lafayette, LA



**LAKE CHARLES CHAPTER
PRESIDENT**

Not yet elected



**MONROE CHAPTER
PRESIDENT**

Stanton E. Huey, Jr., P.E.
Owner
S.E. Huey Company
Monroe, LA



**NEW ORLEANS
CHAPTER PRESIDENT**

Angela L. DeSoto, P.E.
Structural Engineer
Corps of Engineers
New Orleans, LA



**SHREVEPORT CHAPTER
PRESIDENT**

James A. Hagan, Jr., P.E.
Vice President
Balar Associates, Inc.
Shreveport, LA

CHAIRMEN, PRACTICE DIVISIONS



CONSTRUCTION

Roger D. Melancon, P.E.
Senior Vice President
Gulf Industries
Mandeville, LA



EDUCATION

Bobby E. Price, Ph.D., P.E.
Professor & Associate
Department Head
Louisiana Tech University
Ruston, LA



GOVERNMENT

James N. Moore, P.E.
State Design Engineer
USDA Natural Resources
Conservation Service
Alexandria, LA



INDUSTRY

Thomas L. Holtzclaw, P.E.
Manager of Business
Development
Ford, Bacon & Davis, LLC
Monroe, LA



PRIVATE PRACTICE

Paul D. Fryer, P.E.
Project Manager
Lazenby & Associates, Inc.
West Monroe, LA

UPS and your Association have an agreement.

Your rates will be significantly

lower

assuming it's okay if your urgent shipments get there
on time, guaranteed.

*In fact, here's how much
you'll save on your
express packages:*



10% across the U.S.



20% around the world

Just because you've got ridiculous deadlines to meet doesn't mean your shipping costs have to be equally absurd. Especially when you consider the deal the LOUISIANA ENGINEERING SOCIETY has with UPS. Once you enroll in the program, you'll receive an Association discount on our guaranteed, on-time express services — every time you ship*. Best of all, you'll receive your reduced rate automatically, whether you send one document or one hundred packages**. Anywhere across the U.S. or around the world. So the next time you need to get an important shipment out the door, choose UPS. We'll beat your drop-dead date for less.

Call 1-800-325-7000 to enroll today.



MOVING at the SPEED of BUSINESS.®

Call 1-800-PICK-UPS for guarantee and time-in-transit details. **Discounts only apply to published transportation rates on UPS Next Day Air* and UPS Worldwide Express shipments sent from the U.S. Discounts do not apply to additional charges. Offer cannot be combined with any other UPS discount. © 1998 United Parcel Service of America, Inc.

CAVEAT EMPTOR

IN MY LAST ARTICLE (APRIL, 1998 ISSUE), I REPORTED ABOUT ACT 315 OF THE 1997 REGULAR SESSION WHICH RETURNED TO THE PRINCIPAL THE RIGHT TO ASSERT PRINCIPALS' STATUTORY EMPLOYER IMMUNITY. I QUOTED AN OPINION ON THE MATTER BY ATTORNEY GRAY SEXTON, CEC/L'S LEGAL COUNSEL. I FINALLY INDICATED THAT COPIES OF MR. SEXTON'S SUGGESTED CONTRACT LANGUAGE WAS AVAILABLE FROM CEC/L. LET ME ASSERT THAT THIS IS SUGGESTED LANGUAGE ONLY. BEFORE YOU USE IT IN A CONTRACT, YOU REALLY NEED TO READ IT CAREFULLY AND CONSULT WITH YOUR OWN ATTORNEY. CEC/L DISCLAIMS ANY LIABILITY ASSOCIATED WITH DISSEMINATING THIS INFORMATION. IN PROPER CONTEXT, THE LANGUAGE OFFERED TO YOU IS A SUGGESTION ONLY. YOU AND YOUR ATTORNEY SHOULD HAVE THE FINAL SAY AS TO WHAT GOES INTO YOUR CONTRACTS!



CONGRATULATIONS!

Consulting Engineers Council of Louisiana offers a hearty congratulations to its fellow engineering organization, the Louisiana Engineering Society, on the occasion of the celebration of the 100th anniversary of its founding. That's a lot of years of loyal volunteer members and staffs working for the good of the profession and the membership.

The celebration kicked off with the Ground Breaking Ceremony to hail the beginning of construction of the Louisiana Engineering Center. Dignitaries, including Baton Rouge's Mayor, Tom Ed McHugh, representatives and staffs of the various organizations that will occupy offices in the Center, braved the heat to watch the golden bladed shovels break the dry earth on Brookline Avenue. Emcee Waldemar S. Nelson acknowl-

edged several individuals who have been instrumental in turning a dream into a reality. CONGRATULATIONS, LES, ON YOUR FIRST 100 YEARS. WE ALL LOOK FORWARD TO BEGINNING THE SECOND CENTURY!



DESIGN-BUILD LEGISLATION, F.Y.I.

Earlier in this article, I explained the final action on the Design-Build legislation which was amended several times before being passed in the Special Session of the Louisiana Legislature. For your information, I have decided to reprint it in its entirety.

ACT NO. 105

HOUSE BILL NO. 81
(DUPLICATE OF SENATE
BILL NO. 49)

BY REPRESENTATIVE DIEZ
AND SENATOR LANDRY
AND COAUTHORED BY REPRESENTATIVES DOWNER,
DEWITT, AND MCMAINS
AND SENATORS EWING,
DARDENNE, HAINKEL AND
BAGNERIS

AN ACT

To enact R.S. 48:250.2, relative to contracts; to provide for a pilot program for certain design-build contracts which are not subject to competitive bidding; and to provide for related matters.

Be it enacted by the Legislature of Louisiana: Section 1. R.S. 48:250.2 is hereby enacted to read as follows: Section 250.2. Design-build contracts; administration.

A. Notwithstanding any law to the contrary or the requirements of this Part, if the secretary determines in his discretion that it is in the best interest of the taxpayers, the Department of Transportation and Development may formulate, develop, and implement a pilot program to study the feasibility of combining the design and construction phas-

★ BALLOT ★

BALLOT TO ELECT CEC/L MEMBERS TO ENGINEERS SELECTION BOARD

Act 721 enacted from the successful passage of that bill in the 1975 Regular Session of the Louisiana added a new Part VII, Selection of Professional Services for Public Contracts. Implementation of the Act called for the establishment of three selection boards, the Engineers, Architects and Landscape Architects, from which state agency design contracts are awarded. The Act calls for the election of two selection board members by the Consulting Engineers Council of Louisiana in which all duly licensed engineers residing in Louisiana may vote for the positions to be filled. There are two terms of service being considered: The first begins July 1, 1998 and ends June 30, 1999. The other begins January 1, 1999 and ends December 31, 1999. PLEASE VOTE YOUR CHOICE AND RETURN YOUR BALLOT TO CEC/L P.O. BOX 1549, BATON ROUGE, LA 70821-1549. YOU MAY FAX YOUR BALLOT AT (504) 767-7811.

CEC/L BALLOT ENGINEERS SELECTION BOARD

1. Mark and return to CEC/L, P.O. Box 1549, Baton Rouge, LA, 70821, by **June 30, 1998**. Late ballots will not be accepted.
2. You may fax your ballot to CEC/L at (504) 767-7811.

Vote for One Candidate in Each Position

TERM 1 (July 1, 1998 - June 30, 1999)

☐ Elizabeth Robin, P.E., Baton Rouge, LA



For write-in candidate

TERM 2 (January 1, 1999 - December 31, 1999)

☐ Morgan M. Watson, P.E., Baton Rouge, LA



For write-in candidate

es of a transportation facility, including but not limited to highways, interchanges, bridges, or buildings into a single contract.

B. (1) The department shall adopt and promulgate rules in accordance with the Administrative Procedure Act for administering the pilot program for design-build contracts. Such procedures shall include but not be limited to:

(a) Prequalification requirements of competitors for design-build projects.

(b) Public announcement procedures for solicitation of interested design-build competitors.

(c) Scope of service requirements to be met by the successful design-builder.

Continued on page 16

(d) Requirements of letters of interest by competitors for the design-build contract.

(e) Criteria and procedures for choosing a short list from the interested competitors for requesting the submission of technical proposals.

(f) Requirements for bid proposals by competitors for design-build contracts.

(g) Composition and appointment by the secretary to the technical review committee grading and judging the technical proposals for ranking and recommendation to the chief engineer.

(h) Selection and process of award by the chief engineer and

execution of the design-build contract by the secretary for a stipulated sum certain.

(2) The department shall report to the Senate and House Committees on Transportation, Highways and Public Works annually on the status of any and all projects undertaken under this pilot program.

C. This pilot program shall be limited in duration to allow only three projects, at a cost not to exceed five hundred thousand dollars per project, to be performed under the design-build method.

D. There shall be no challenge by any legal process to the choice of the successful design-

er-builder other than for fraud, bias for pecuniary or personal reasons not related to the interest of the taxpayers, or arbitrary and capricious selection by the chief engineer. Once the designer-builder has been chosen and a contract or a stipulated sum certain executed, the price of the design-build contract shall not be increased other than for inflation as prescribed in the contract and for site or other conditions of which the designer-builder had no knowledge and should not have had knowledge as a reasonable possibility existing at the site or concerning the design and construction.

Approved by the Governor, May 5, 1998. A true copy of this act was certified by Secretary of State Fox McKeithen.

© **BELLSOUTH Mobility**®

ATTENTION LES MEMBERS

New Service for Members!

Louisiana Engineering Society and
BellSouth Mobility

Team Up With A

Corporate Cellular Plan

FOR A LIMITED TIME ONLY

\$16.00/Month

30¢/Minute

HOW DO I SIGN UP?

For membership verification purposes you must contact **Nicole Blanco** or **Blane Brignac**, our BellSouth Mobility Representatives to be eligible for this offer.

Certain credit requirements and contract restrictions apply.

For Greater Baton Rouge area, please call **Nicole Blanco at (504)978-1900**.

For Ascension Parish area, please call **Blane Brignac at (504)644-0599**.

For Lafayette, Hammond, New Orleans and surrounding areas, please call either of the above.

Master of Science in Engineering Management

If you would like to join the ranks of engineers with new skills to compete in a changing world, UNO can help. Our **Master of Science in Engineering Management** program can help you reach the next level. Here's what some recent graduates of the program are saying:



- "The curriculum enhanced my skills as a manager and forced me to think about the need to reevaluate some workplace methods and practices."

Joel A. Chatelain

*Director- Physical Plant
LSU Medical Center*

- "Most courses have been directly applicable to my work and I highly recommend this program."

Kern Witbner

*Functional Area Manager
NASA Stennis Space Center*

- "The professors at UNO really make the program worth it. They gave 100 percent to ensure that I learned as much as I possibly could about business and management."

Rodney Greenup, Jr.

*Project Manager
U.S. Army Corps of Engineers*

Today many companies want more than just technical skill in an engineer—they want well rounded engineers who can help them meet their strategic plans in a global society. The **Master of Science in Engineering Management** is an interdisciplinary program designed specifically for engineers who would like a better understanding of business and who want to improve their management skills while still practicing their engineering speciality.

- Requires a BS in Engineering, in addition to the general requirements for UNO's Graduate School.
- Both thesis and non-thesis programs are available.
- All courses are available in the evening.



**University of
New Orleans**

*For additional information,
write or call:*

College of Engineering
University of New Orleans
New Orleans, LA 70148
Telephone: (505) 280-6327
Fax: (504) 280-7413
e-mail: wjlee@uno.edu

SINCERE THANKS TO 1998 MATHCOUNTS SPONSORS

ABMB Engineers
CLECO
Cothorn, Graff, Maddox Engineering, Inc.
Domingue Szabo & Associates
Lazenby & Associates
Louis J. Capozzoli & Associates, Inc.
Louisiana Engineering Foundation
Louisiana Engineering Society Members
Louisiana Engineering Society/PEPP
McDermott, Inc.
Jay Charles Smith
T. Baker Smith & Son, Inc.
W.S. Nelson and Company

Position Available

OFFICE MANAGER FOR CONSULTING ENGINEERING FIRM working with our local and state government clients. Individual would be hired to become office manager of an existing growing consulting engineering and land surveying firm located in Baton Rouge, Louisiana. Responsibilities include project design, management, and construction administration. Opportunities exist for multi-disciplinary interactions with numerous professionals. Business development is expected by maintaining existing clients and extending client base. Registered engineer with at least 8 years experience, familiar with the Baton Rouge area, is desired. Activities in civic, professional or technical organizations is important. Excellent benefits, salary commensurate with experience. Please submit resume to: Billy Moore, P.E., MML&H, Inc., 2822 O'Neal Lane, Baton Rouge, LA 70816

Positions Available

Our client has provided specialized water/waste-water/environmental engineering and operational services globally for over 20 years. One of the fastest growing privately held companies in the country, our client is seeking to further expand its Louisiana presence.

Branch Manager Lead 10 person New Orleans office to complete projects on time and within budget while applying creative strategies to achieve client objectives. Requires Civil, Environmental or related degree with professional registration desired. Previous profit & loss responsibility and effective project management skills essential. Competitive base, a benefits and bonus program.

Business Development Manager Technical sales and marketing of these services to municipal and industrial clients throughout Louisiana, Arkansas and Mississippi. Work from home-based office or company branch office. Technical degree required. Aggressive base, commission and benefit program. Six-figure potential. Interested individuals may fax or mail resumes in confidence to:

Anthony Braglia, Search Consultant
Environmental Collaborative
5 Regent Circle
Boston, MA 02130-4027
(617) 522-5429 (Fax)
(617) 522-6855 (Telephone)

SERVING DESIGN PROFESSIONALS IN PRIVATE PRACTICE

PROFESSIONAL LIABILITY INSURANCE

LOSS PREVENTION - RISK MANAGEMENT ASSISTANCE

INDUSTRIAL · PUBLIC WORKS
PETROCHEMICAL · COMMERCIAL
ENVIRONMENTAL · GOVERNMENTAL
AND MOST OTHER PROJECT TYPES

SERVING LOUISIANA
ENGINEERS · ARCHITECTS · SURVEYORS
FOR OVER TWENTY-TWO YEARS

AS
INSURANCE
SPECIALISTS

ALEXANDER & SANDERS
9613 BROOKLINE · BATON ROUGE 70809
504/924-1371

Louisiana Engineering Center Ground Breaking Ceremonies

On May 27, 1998 officials, staff, and other dignitaries of the LEF, LES, CEC/L, ASCE, LSPS, and the State Board of Registration gathered to break ground to officially begin the construction of the Louisiana Engineering Center. Mayor Tom Ed McHugh was on hand to join in on the festivities. Ceremony Emcee, Waldemar S. Nelson, acknowledged a number of people who have been instrumental in realizing this monumental project.



Pictured from left to right, Warren Wilder, Brenda Gajan, Waldemar Nelson, Leta Bueto, Richard Primeaux, Glen Kent, Bren Kramer, Ron Rodi, Mel Harrison, and Wayne Hebert.

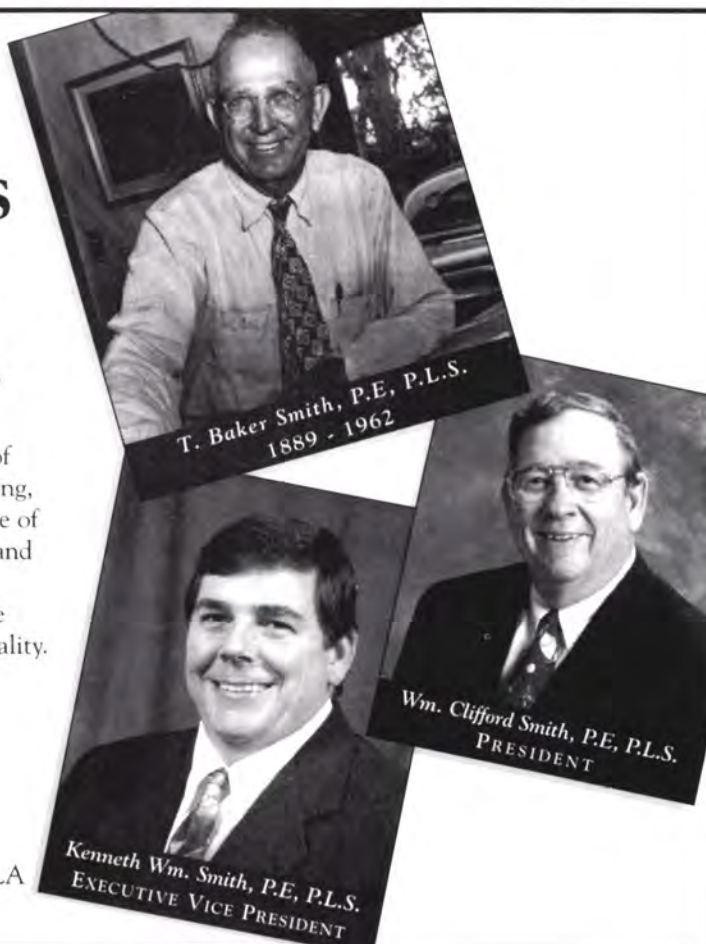
85 Years 3 Generations 1 Company— *T. Baker Smith & Son, Inc.*

Since 1913, the Smith family and their family of employees have provided professional civil engineering, surveying and environmental services to a wide range of clients including the oil and gas industry, industrial and private developers, and government agencies.

For 85 years, three generations of engineers have been working hard to turn great ideas into reality.



(504) 868-1050 • 412 South Van Avenue Houma, LA
Visit our Web Site at <http://tbsmith.com>



- Special Recognition -

Dr. Randall F. Barron, Professor of Mechanical Engineering, Louisiana Tech University, was honored at a recent meeting in Ruston, Louisiana for his election to the grade of Fellow in the American Society of Mechanical Engineers. This honor is a result of recognition by his peers for outstanding dedication and contribution to the profession of Mechanical Engineering.

The skill and integrity displayed by his former students arrests to the quality of his teaching over more than thirty years at Louisiana Tech University. During this period, he wrote a book, Cryogenic Systems, which is the classic reference in that field of engineering. Forty eight technical papers have been published in national and international journals.

He has served on the faculty of Louisiana Tech University in many capacities and was Director of Engineering Research for twelve years. From 1988 to 1994 he was a member of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors, being Board Chairman in the 1992-93 year.

Dr. Barron has been honored many other times in the course of his career. The most recent being the Louisiana Engineering Foundation Outstanding Achievement award.

*Have a Happy
and Safe
4th
of
July!*



PROFESSIONAL LISTINGS

Your Ad Here

Your Ad Here

Your Ad Here



FAX 355-2178
**PRINTING
INCORPORATED**
3019 PLANK ROAD (504) 357-5961
BATON ROUGE, LOUISIANA 70805



Scott M. Bergeron, P.E.
President

**PROFESSIONAL TECHNICAL
SUPPORT SERVICES, INC.**

P.O. Box 3414
Baton Rouge, LA 70821
Corp. (504) 293-0156
FAX (504) 293-0196

Atlanta • Houston • Jacksonville • Pittsburgh

**BRAMMER
ENGINEERING
INC.**

Serving the Oil & Gas Industry since 1968

333 Texas Street, Suite 1425 Office Phone (318) 429-2345
Shreveport, LA 71101-5323 FAX No. (318) 429-2340

Baton Rouge, LA
(504) 928-7848

McLean, VA
(703) 734-9093

Pensacola, FL
(904) 968-3799

email - meyer@afmeyer.com

A.F. Meyer & Associates, Inc.

Environment, Safety and Health,

Pollution Prevention, Hazardous Material Management,
Optimum Value Pollution Prevention for Navy and
Merchant Marine Applications

See our Home Page at <http://www.afmeyer.com>

Water King
WATER CONDITIONING

James E. Bowie, Jr., Ph.D., P.E.

President

103 Charbonnet Road
Duson, LA 70529 U.S.A.

Phone 318 988-2360
Fax 318 981-7922

SUMMIT CONSULTING GROUP, INC.
ENERGY AND ELECTRIC UTILITY CONSULTANTS

- > industrial & Electric Utility planning
- > industrial plant energy cost reduction
- > engineering / economic decision analysis
- > management consulting
- > strategic business planning

Ben Claassen, Jr., P.E., PhD (504) 833-3932

Notary Public
Professional Engineer



Admitted in
Louisiana and
Mississippi

PERRY J. ROUSSEL, JR.

Attorney and Counselor at Law
1710 Cannes Drive
LaPlace, LA 70068

Roussel and Roussel
Located on Belle Terre Blvd.

FAX (504) 651-6592
Telephone (504) 651-6591

GULF STATES ENGINEERING CO., INC.
201 HARBOR CIRCLE
NEW ORLEANS, LA 70126

504-243-5500 FAX 504-243-5508

PUMPS • COMPRESSORS • BLOWERS
WATER AND WASTEWATER EQUIPMENT

MECO

Sea Water Conversion Equipment
Pharmaceutical Distilling Plants
Marine Heat Exchangers and Pumps
Reverse Osmosis Systems

MECHANICAL EQUIPMENT COMPANY, INC.
861 CARONDELET STREET, NEW ORLEANS, LA 70130 U.S.A.

PHONE: (504) 523-7271
TELEFAX: (504) 525-4846

TELEX: 460165

WALDEMAR S. NELSON AND COMPANYINCORPORATED
ENGINEERS AND ARCHITECTS1200 ST. CHARLES AVENUE
NEW ORLEANS, LA 70130TELEPHONE: (504) 523-5281
FACSIMILE: (504) 523-4587
TELEX: 584351 NELSENGCOMPLETE ENGINEERING AND PROJECT MANAGEMENT SERVICES
50 YEARS OF EXPERIENCE SERVING INDUSTRY

- SITE PLANNING / PERMITTING
- CHEMICAL / PROCESS / PETROLEUM
- CIVIL / STRUCTURAL
- ELECTRICAL / ELECTRONIC
- ENVIRONMENTAL / SANITARY
- INSTRUMENTATION / CONTROLS
- CONSTRUCTION MANAGEMENT
- MONITORING / MODELING
- MECHANICAL
- PIPELINE
- MINING
- HVAC
- ARCHITECTURE
- ASBESTOS

**Parsons
Brinckerhoff
Quade &
Douglas, Inc.**3801 Canal Street
Suite 225
New Orleans, LA 70119-6071
504-488-1158
Fax: 504-488-3202
mcdaniel@pbworld.com**BALAR**
ENGINEERS • SURVEYORS
CIVIL • STRUCTURAL • ENVIRONMENTAL

STEVEN W. BROWN, P.E.

BALAR ASSOCIATES, INC.
631 MILAM STREET, SUITE 200
SHREVEPORT, LA 71101PHONE (318) 221-6312
FAX (318) 424-6508
E-MAIL: swbrown@softdisk.com**SJB GROUP**
INCORPORATEDP.O. Box 1751
Baton Rouge, LA
70821-1751

(504) 769-3400

Fax (504) 769-3596

www.sjbgroup.com

Gonzales, LA (504) 644-7900

Natchez, MS (601) 442-4040

SJB Engineering
SJB Industrial Services
SJB Land Surveying
SJB Information Solutions
SJB Workcorps**MONTGOMERY WATSON**501 N. Causeway Blvd.
Suite 400
Metairie, LA 70002
Tel: 504-835-4252
Fax: 504-835-0009Bldg. C, Ste. 2
7742 Office Park Blvd.
Baton Rouge, LA 70809

Serving the World's Environmental Needs

LOURIE CONSULTANTSgeotechnical and geoenvironmental
consulting services

...quality measured in the client's terms

3924 Haddon Street
Metairie, Louisiana 70002-3011
WWW: http://users.aol.com/icon/cpg1.htm
Tel: (504) 887-5531, Fax: (504) 888-1994
E-mail: loon1@aol.com**CDM** environmental engineers, scientists,
planners, & management consultants**CAMP DRESSER & MCKEE INC.**3445 North Causeway Boulevard, Suite 600
Metairie, Louisiana 70002
504 832-7272500 Laurel Street, 4th Floor
Baton Rouge, Louisiana 70801
(504) 387-3822

offices nationwide

ATCHLEY & ATCHLEY, INC.CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
PLANNERS

412 La Salle Street

Shreveport, Louisiana 71107

PH. (318) 222-5821 FAX (318) 227-2233

E-Mail: atchley@ark-la-tex.com

**ASSOCIATES • INC**
ENVIRONMENTAL & ENGINEERING
CONSULTANTS**CORPORATE OFFICE**
17170 PERKINS ROAD
BATON ROUGE, LA 70810
(504) 752-1000
FAX: (504) 751-2010**YOUR FULL SERVICE
ENVIRONMENTAL
CONSULTANT****LAMY J. CHOPIN, JR., P.E.****Engineered Solutions to Regulatory Issues**

Baton Rouge • Lake Charles • Shreveport • Beaumont-Port Arthur • Austin

**LOUIS J. CAPOZZOLI & ASSOCIATES, INC.**
Geotechnical EngineersEngineering Consultation
Laboratory and Field Testing
Land and Marine Site Explorations10555 Airline Highway
Telephone (504) 293-2460
Baton Rouge, LA 70816-4199
Fax (504) 293-2463**Alliance, Inc.**Architecture • Engineering • Planning
Airport Consulting • SurveyingPetroleum Sq., Suite 100
Shreveport, LA 71107
1324 N. Hearne Ave.
Fax. (318) 221-7635
Phone (318) 221-7501**WINK, INCORPORATED**WINK ENGINEERING
W/E PROFESSIONAL SURVEYS
WINK ARCHITECTURAL
OCEANIC ENGINEERING

4949 Bullard Ave. • New Orleans, LA 70128-3147

Office: (504) 246-7924 Fax: (504) 246-8759

internet: wink@comm.net e-mail: wink@winkinc.com

**Meyer, Meyer, LaCroix & Hixson, Inc.**
Consulting Engineers & Land SurveyorsAlexandria
318-448-0888
Baton Rouge
504-756-1447
Ruston
318-255-7236**W. Thomas Turner, P.E.**
President & Chief Executive Officer3867
Plaza Tower
Drive

Suite 240

Baton Rouge,
Louisiana
70816**TURNER &
ASSOCIATES, INC.**

Environmental Consultants & Engineers

Telephone
504-293-6700Fax
504-293-6709**FORTE AND TABLADA, INC.**
CONSULTING ENGINEERSOFFICE (504) 927-9321 • FAX (504) 927-9326
P.O. BOX 64844 • BATON ROUGE, LA 70896
9107 INTERLINE AVE. • BATON ROUGE, LA 70809**professional engineering
consultants corporation**

Consulting Engineers

1450 Seaboard Drive
Baton Rouge, La. 70810 (504) 769-2810**TQM Systems®**
Making Quality a Reality12382 Mollylea Drive
Baton Rouge, LA 70815-6616
Phone: 504-273-4972 Fax: 504-273-4979M.M. "Mickey" Christensen, P.E.
President IRCA Lead Auditor # A003773
RAB Lead Auditor # Q01741*mader-miers*
ENGINEERING INC.3009 W. CONGRESS ST.
SUITE 101
LAFAYETTE, LA 70506LAFAYETTE (318) 989-8047
CROWLEY (318) 788-3247
FAX (318) 988-3219**BROWN & BUTLER, INC.**

Consulting Engineers and Land Surveyors

General Civil Engineering & Land Surveying

8335 KILWOOD AVE. • SUITE D
BATON ROUGE, LA 70806-4804PH. 504/ 924-0235
FAX: 504/926-1687
EMAIL: brwnbutler@aol.com**THE MEYER GROUP****Meyer and Associates, Inc.**
Engineers • Planners
Vernon F. Meyer and Associates, Inc.
Surveyors
The Meyer Group, Inc.
Project & Construction Management500 Cities Service Hwy. • P.O. Box 2149 • Sulphur, Louisiana 70664 • (318) 625-8353
5325 Mounes Street, Suite 102 • New Orleans, Louisiana 70123 • (504) 733-3770



SALMON & ASSOCIATES, INC.

Consulting Engineers serving the
Chemical, Petrochemical,
Petroleum and Metallurgical Industry

626 HIGHLANDIA
BATON ROUGE, LA 70810
(504) 752-7250

Office Ph. (504) 868-1050
N.O. Ph. (504) 586-8222
Home Ph. (504) 872-6003
FAX Ph. (504) 868-5843

T. BAKER SMITH & SON, INC.

CIVIL ENGINEERS & SURVEYORS
LAND OFFSHORE HYDROGRAPHIC
ENVIRONMENTAL RESEARCH

412 South Van Ave.
P.O. Box 2266
Houma, LA 70361

WM. CLIFFORD SMITH, P.E., L.S.
President



CH2M HILL
1515 Poydras Street
Suite 2110
New Orleans, LA 70112-3723
(504) 593-9421
FAX (504) 593-9460



WALK HAYDEL

A DAMES & MOORE GROUP COMPANY

- Project Managers
- Construction Managers
- Engineers
- Environmental Consultants

600 Carondelet Street
New Orleans, LA 70130-3587
Tel: (504) 586-8111 Fax: (504) 522-0554

LaBauve and Company Engineers, Inc.

A Professional Engineering Corporation

3640 BAYOU RAPIDES ROAD
ALEXANDRIA, LA 71303 PHONE: (318) 445-8910



CSRS

CHENEVERT • SONGY • RODI • SODERBERG
An Engineering/Architectural Corporation
6767 Perkins Road, Suite 200 • Baton Rouge, LA 70810
Phone (504) 769-0546 • Fax (504) 767-0060

Norman J. Chenevert, AIA Michael B. Songy, P.E., P.L.S.
Ronald J. Rodi, P.E. Curtis D. Soderberg, AIA

COYLE ENGINEERING CO., INC.



CHARLES G. COYLE, P.E.

P.O. BOX 6177
BOSSIER CITY, LOUISIANA 70111-6177

3925 BENTON RD.
PHONE (318) 746-8987

DAVID VOLKERT & ASSOCIATES, INC.

Engineers • Architects • Planners

Patrick Wilson, P.E.
Vice President

3801 Canal Street • Suite 402
P.O. Box 791115
New Orleans, LA 70179-1115

(504) 486-6312
FAX (504) 486-6066

Office (504) 632-5596 Res. (504) 632-5646
Fax (504) 632-5628

J. W. P., INC.

J. Wayne Plaisance, Inc.
Civil Engineers • Land Surveyors

JOHN J. PLAISANCE, II
President

Post Office Drawer 730
Galliano, Louisiana 70354

Aillet, Fenner, Jolly & McClelland, Inc.
Consulting Civil, Electrical, Environmental & Structural Engineers
Robert D. Fenner, Joseph M. Walker, J. Wayne Roberson,
Gary W. Fenner, Kenneth V. Hill

Planning feasibility studies, land surveys, design, plans and specifications and construction inspection for bridges, streets and highways, airfields, water systems, sewage treatment and disposal, drainage, military construction, land development, and structural and foundation systems

1055 Louisiana Avenue
Shreveport, Louisiana 71101
Phone: 318-425-7452

423 Homer Road, Suite A
Minden, Louisiana 71055
Phone: 318-377-9700

MODJESKI AND MASTERS

CONSULTING ENGINEERS

Bridges • Highways • Structures
Mass Transit • Special Foundations
Reports Inspections Design
Inspection of Construction

1055 St. Charles Ave., New Orleans, La. 70130
(504) 524-4344

3645 Williams Boulevard
Suite 206
Kenner, LA 70065-3464
504 443 3437



Engineers, Architects
and Planners

Ford, Bacon & Davis

INCORPORATED



- CONSULTING
- ENGINEERING
- PROCUREMENT
- CONSTRUCTION

100 YEARS OF ENGINEERED SOLUTIONS

4001 Jackson St. 318/323-9000
Monroe, LA 71202 Fax 318/361-0962



ARCHITECTS ENGINEERS PLANNERS

Comprehensive Services in

- Highway Traffic & Drainage
- Bridges & Structural
- Environmental Site Planning
- Aviation

HNTB Corporation

8281 Greystone Blvd., Suite 1 • Baton Rouge, LA 70806
(504) 927-8402 • (504) 927-8355 Fax



ASSAF,
SIMONEAUX,
TAUZIN
& ASSOCIATES, INC.

consulting engineers

8417 Kelwood Avenue Phone: 504/926-5600
Baton Rouge, Louisiana 70806 Fax: 504/926-5620



& ASSOCIATES, INCORPORATED
PROFESSIONAL ENGINEERS & ARCHITECTS

400 East Kaliste Saloom Road
Suite 1100
P.O. Box 52115
Lafayette, LA 70505 2115

(318) 232-5182
LA WATTS 1800/737-5182
FAX (318) 237-7132

Lloyd G. Hoover, P.E.
District Manager
Alexandria, Baton Rouge,
Monroe, Shreveport, Texarkana



7227 Greenwood Road 71119
P.O. Box 19220
Shreveport, Louisiana 71149 0220
(318) 636 3673
(318) 636 3723 Fax

1-888-27DRIVE

(504) 755-2255

Fax (504) 755-2266



For a Quality Solution

Adjustable Speed Drives - Systems Integration

QUALITY DRIVES & SYSTEMS, INC.

http://www.qualitydrives.com

info@qualitydrives.com

BURK - KLEINPETER, INC.

ENGINEERS
ARCHITECTS PLANNERS
ENVIRONMENTAL SCIENTISTS

4176 CANAL STREET
NEW ORLEANS, LA 70119-5994

TEL (504) 486-5901 FAX (504) 488-1714

Denmon Engineering Company, Inc.

1973-1998

25 Years of
Quality
Engineering
and Surveying
Services

Engineers and Surveyors
PO Box 8460
Monroe, Louisiana 71211-8460
(318) 388-1422 phone
(318) 361-5036 fax

AREA CODE 318
433-0561

D. W. JESSEN & ASSOCIATES
CIVIL & CONSULTING ENGINEERS

440 KIRBY ST.
D. WALTER JESSEN, JR. LAKE CHARLES, LA

03 PICCIOLA PARKWAY
P.O. BOX 687
JUT OFF. LA 70345
504) 632-5786
504) 632-2407 FAX



PICCIOLA & ASSOCIATES, INC.

CONSULTING ENGINEERS & SURVEYORS

MARCO J. PICCIOLA, II, P.E., L.S.



CONSULTING ENGINEERS
SERVING THE PETRO-
CHEMICAL AND OIL & GAS
INDUSTRIES

OFFICE (504) 835-2577
FAX (504) 837-5924

3330 WEST ESPLANADE AVE. • SUITE 300 • METAIRIE, LOUISIANA 70002



LANIER & ASSOCIATES CONSULTING ENGINEERS, INC.

INDUSTRIAL • MARINE • ENVIRONMENTAL
NEW ORLEANS, LA HOUSTON, TX

gregory c. rigamer & associates, inc. professional consulting services

3230 W. Esplanade, Suite A
Metairie, LA 70002 (504) 836-6166

Michael W. Flores, P.E., P.L.S.

André DeHaan, P.E.



CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS • CONSULTANTS

PETROLEUM ENGINEERS INTERNATIONAL, INC.

Drilling Completion & Workover Programs
Office and Field Supervision
Property Management - Total Operations
Turnkey Operations
Reservoir Engineers
Industry Training Schools

P.O. Box 52588
Lafayette, Louisiana 70505 (318) 233-5346

Woodward-Clyde

Engineering & sciences applied to the earth and its environment

Ara Arman, P.E.

Vice President and Principal

Professor Emeritus

Louisiana State University

Internet: axarman.1@wcc.com

Woodward-Clyde International-Americas
2822 O'Neal Lane • Baton Rouge, Louisiana 70816
504-751-1873 • Fax 504-753-3616



Jim D. Koontz & Associates, Inc.
P. O. Box 1054
Hobbs, New Mexico 88240
Ph 505 392 7676
Fx 505 392 7602

Jim D. Koontz, P.E.
President



Providing solutions in

- Design
- Analysis
- Pipe Stress
- Vibration Analysis
- Field Services
- Troubleshooting

of static and rotating equipment

HOUSTON BATON ROUGE
17625 El Camino Real, Suite 412 10985 N. Harrell's Ferry Rd.,
Houston, TX 77058 Suite 228
1 (800) 737-0591 Baton Rouge, LA 70816
Web Site: www.knighthawk.com (504) 767-0591



P.O. Box 969 • 8275 Florida Blvd
Denham Springs, LA 70727-0969
(504) 665-1666
(504) 665-1855 Fax

SUNSTRAND
KONTRO
GORMAN-RUPP
COPPUS-MURRAY
SUTORHILT
LEISTRITZ
KINNEY
DOLLINGER
SAUDER

Pumps • Compressors • Steam Turbines • Blowers
Wastewater Treatment Equipment • Filtration • Mixers



ALBERT • GARAUDY AND ASSOCIATES, INC. ENGINEERS

Multi-Discipline Project Consulting Engineers

■ Oil & Gas ■ Petrochemical ■ Refining

3500 North Causeway Blvd. Ste. 600, Metairie LA 70002
PHONE 504-846-6400 FAX 504-838-8955
EMAIL hostmaster@aga-engineers.com

EUSTIS ENGINEERING GEOTECHNICAL ENGINEERS

CONSTRUCTION QUALITY CONTROL
AND MATERIALS TESTING
MONITORING WELL INSTALLATION
(504) 834-0157



3011 28TH STREET METAIRIE, LA 70002



LINFIELD, HUNTER & JUNIUS, INC. CONSULTING ENGINEERS AND ARCHITECTS

3500 North Causeway Blvd. / Suite 200
Metairie, Louisiana 70002
(504) 837-1666 / (504) 835-9933 fax

MOHR & ASSOCIATES, INC. Consulting Civil Engineers & Land Surveyors

6025 Buncomb Road
Shreveport, Louisiana 71129
Telephone: 318/686-7190



JAMES D. MOHR
PROFESSIONAL ENGINEER
PROFESSIONAL LAND SURVEYOR

George J. Mahl, III, P.E.

Telephone (504) 733-8050
Fax (504) 733-8052

m Mahl & Associates, Inc.
CONSULTING ENGINEERS
5817 Citrus Blvd., New Orleans, LA 70123

LE LIVINGSTON ENGINEERS, INC.

Professional Design Engineers
for 36 years.

Post Office Box 1865 318/527-3806
Lake Charles, Louisiana 70602 FAX: 318/625-8213



Gulf South Engineers, Inc.

1700 GRAND CALLOU RD 3025 N. I-10 SERVICE RD WEST
HOUMA, LA 70363-8078 SUITE 201B
(504) 878-6380 METAIRIE, LOUISIANA 70002-6831
FAX (504) 878-0621 (504) 454-1710
FAX (504) 454-1781

ENGINEERS • ARCHITECTS • PLANNERS • SURVEYORS



SERVING
CLIENTS
WORLDWIDE

Geotechnical Engineering and Materials Testing
Cone Penetrometer Testing
Drilling, Monitor Wells
Marine Geosciences
Marine Surveys

LAKE CHARLES, LOUISIANA
(318) 439-1731

LA Lazenby & Associates, Inc.

CONSULTING ENGINEERS & LAND SURVEYORS

JERRY G. LAZENBY, P.E., P.L.S.
FOY B. GADBERRY, P.E.
PAUL D. FRYER, P.E.

2000 North 7th Street • P.O. Box 728 • West Monroe, LA 71291-0728 • 318/387-2710
FAX 318/387-2718



STE SOIL TESTING ENGINEERS, INC.

GEOTECHNICAL, ENVIRONMENTAL & MATERIALS
CONSULTANTS

316 HIGHLANDIA DRIVE
BATON ROUGE, LA 70810
(504) 752-4790
FAX 752-4878

4100 LOUISIANA AVENUE
LAKE CHARLES, LA 70605
(318) 474-1340
FAX 477-7702

BADEAUX
ENGINEERS
INCORPORATED
CONSULTING STRUCTURAL
AND CIVIL ENGINEERS
115 EAST SIXTH STREET 70301
POST OFFICE BOX 1056 70302
504-447-2317 THIBODAUX, LA

ABMB ENGINEERS, INC.

Civil & Structural Engineering Professional Land Surveying

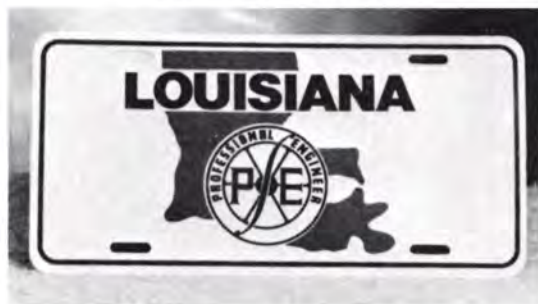
9229 BLUEBONNET BOULEVARD
BATON ROUGE, LOUISIANA 70810
504 765 7400 / 504 765 7244 f
btr@abmb.com



LES Coffee Mug



LES Lapel Pin



LES License Plate



LES Centennial Koozie

LES Order Form

Quantity		Price	Shipping	Total
_____	LES Logo Coffee Mug	\$ 6.00	\$ 3.00	_____
_____	LES Lapel Pin	\$ 8.00	\$.32	_____
_____	LES License Plate	\$ 10.00	\$.55	_____
_____	LES Centennial Koozie	\$ 9.00	\$.55	_____
	TOTAL DUE		\$.55	\$ _____

Shipping Information

- ☐ I will pick up to avoid shipping charge
☐ Please mail to the address below

Name: _____

Firm Name: _____ Phone () _____

Address: _____

City: _____ State: _____ Zip: _____

Method of Payment - All orders must be prepaid!

_____ My check is enclosed

_____ Please Charge my ☐ VISA ☐ Mastercard

Card #: _____

Expiration Date: _____ Signature _____

Placing Your Order

Mail to: LES State Office
8126 One Calais, Suite 1-A
Baton Rouge, LA 70809

(OR)

FAX to: (504) 766-2038

Louisiana Engineer & Surveyor Journal

August, 1998

VOL. 1 No. 1



ACEC

CONSULTING
ENGINEERS
COUNCIL OF
LOUISIANA



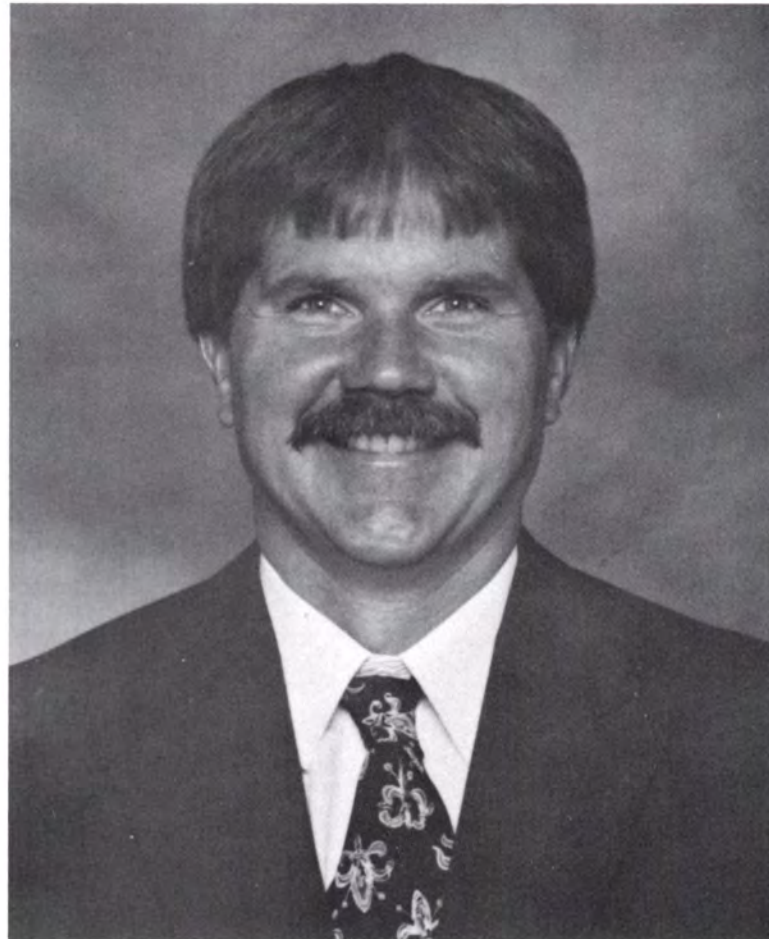
LOUISIANA
ENGINEERING
SOCIETY



LOUISIANA
SOCIETY OF
PROFESSIONAL
SURVEYORS



LOUISIANA STATE
BOARD OF
REGISTRATION
FOR
PROFESSIONAL
ENGINEERS AND
LAND SURVEYORS



Melvin L. Harrison, P.L.S.
Louisiana Society of Professional Surveyors
President

Inside this issue.....

Louisiana Engineering Society	page 3
Consulting Engineers Council	page 20
State Board of Registration for Engineers and Land Surveyors . . .	page 24
Louisiana Society of Professional Surveyors	page 30

Louisiana



Engineer

Vision Statement

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

Mission Statement

The Louisiana Engineering Society is dedicated to the advancement of the engineering profession by pursuing 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 by a professional engineer 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.

Advertising Rates

Size	Cost per issue	Cost per year
Full Page Inside	\$800	\$2400
Full Page Back Cover	\$1000	\$3000
Full Page Inside Cover	\$900	\$2700
1/2 Page	\$500	\$1500
1/4 Page	\$300	\$900
Business Card Ad	N/A	\$250

- 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 contract 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

Managing Editor

Brenda W. Gajan

Associate Editors

Debra Bagley Wayne Hebert Ronald J. Rodi Cindy Fontaine Brian Stancil

Publishing Consultant

Printing Incorporated



LOUISIANA ENGINEERING SOCIETY

8126 ONE CALAIS, SUITE 1-A, BATON ROUGE, LA 70809

TELEPHONE (504) 766-2028 • FAX (504) 766-2038

E-mail - les@communique.net.

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



LES OFFICERS AND BOARD

President

John J. Plaisance, II, P.E.
(504) 632-5596

First Vice President

Theodore H. Thompson, P.E.
(318) 439-4552

Second Vice President

Steve W. Brown, P.E.
(318) 221-8312

Secretary-Treasurer

John W. "Billy" Moore, P.E.
(504) 756-1447

NSPE Director

Bobby E. Price, Ph.D., P.E.
(318) 257-3546

STATE DIRECTORS

Philip K. Meyers, P.E.
(504) 927-5588

Ali M. Mustapha, P.E.
(318) 673-6035

Dale LeBlanc, P.E.
(318) 989-4545

Paul Fryer, P.E.
(318) 387-2710

PAST PRESIDENT

Ronald J. Rodi, P.E.
(504) 769-0546

EXECUTIVE DIRECTOR

Brenda W. Gajan
(504) 766-2028

CHAPTER PRESIDENTS

Alexandria

Maurice (Marty) Paulk, P.E.
(318) 443-7291

Baton Rouge

Alan Krouse, P.E.
(504) 757-1111

Bayou

Ron J. Boudreaux, P.E.
(504) 560-2121

Lafayette

Darrell Hicks, P.E.
(318) 981-4665

Lake Charles

Monroe

Stanton E. Huey, Jr., P.E.
(318) 325-1791

New Orleans

Angela L. DeSoto, PE
(504) 862-2733

Shreveport

James A. Hagan, Jr., P.E.
(318) 221-8312

PRACTICE DIVISIONS

Construction

Roger Melancon, P.E.
(504) 892-6500

Education

Bobby E. Price, Ph.D., P.E.
(318) 257-3546

Government

James N. Moore, P.E.
(318) 473-7792

Industry

Tom Holtzclaw, P.E.
(318) 398-1031

Private Practice

Paul Fryer, P.E.
(318) 387-2710

COMMITTEE CHAIRMEN

Constitution & ByLaws

Dudley Hixson, P.E.
(318) 448-0888

Engineering Education

Kam Movassaghi, P.E.
(318) 482-6511

Ethics & Professional Conduct

Foy B. Gadberrry, P.E.
(318) 387-2710

Honors & Awards

Robert A. Brossette, P.E.
(504) 576-7169

Inter-Society Relations

Richard Savoie, P.E.
(504) 379-1384

Legislative

Jack K. Laws, P.E.
(504) 749-3561

Liaison w/State Board of

Registration

John J. Plaisance, P.E.
(504) 632-5596

Long Range Planning

Steve Brown, P.E.
(318) 221-8312

MATHCOUNTS

Kerry J. LaBauve, P.E.
(318) 445-8910

Membership

Ali M. Mustapha, P.E.
(318) 673-6035

Public Relations

Richard Savoie, P.E.
(504) 379-1384

Scholarship

Bodin Hugger, P.E.
(504) 461-0577

Young Engineers

Chris Richard, P.E.
(318) 232-5182

THE LOUISIANA ENGINEER & SURVEYOR JOURNAL is the official publication of the Louisiana Engineering Society, the Louisiana State Board of Registration for Professional Engineers and Land Surveyors, and the Louisiana Society of Professional Land Surveyors. The magazine is published in February, May, August, and November. Subscription of \$ 2.17 per year for engineers registered in Louisiana and non-registered members of the Louisiana Engineering Society and the Louisiana Society of Professional Land Surveyors. Two dollars of each LES and LSPS member's annual dues is set aside for four issues of THE LOUISIANA ENGINEER & SURVEYOR JOURNAL. Periodical postage paid at Baton Rouge, LA. The Louisiana Engineering Society, the Louisiana State Board of Registration for Professional Engineers and Land Surveyors, and the Louisiana Society of Professional Land Surveyors do not guarantee the accuracy of statements made or necessarily occur with opinions expressed in the publication. ISSN: 0024-6794

POSTMASTER: Please send Change of Address Forms to LOUISIANA ENGINEERING SOCIETY, 8126 One Calais, #1A, Baton Rouge, LA 70809. Telephone (504) 766-2028, FAX (504) 766-2038.



PRESIDENTIAL PRIVILEGE

John J. Plaisance, II, P.E. • President
Louisiana Engineering Society

Welcome to the first issue of the *Louisiana Engineer and Surveyor Journal*. I am confident that this joint publication of the Louisiana Engineering Society, the Louisiana Society of Professional Surveyors, the Louisiana State Board of Registration for Professional Engineers and Land Surveyors, and the Consulting Engineers Council of Louisiana will bring benefits to all engineers and land surveyors in the state.

My topic for this issue's article is the future of the National Society of Professional Engineers. I was privileged to attend my first NSPE Board of Direction meeting in Tulsa in July. I was impressed with the passion of the board members.

The biggest topic of discussion in Tulsa was the report of the Strategic Future Development Task Force. This report was also called the Gregorits report, after the committee's chair, John Gregorits. This committee was charged with debating the responsibility of NSPE to the engineering profession, as opposed to the Professional Engineer.

There has been a steady decline in NSPE membership over the last ten years. The Gregorits Committee feels that this decline will continue until NSPE has lost another 60% of its membership.

The committee essentially felt that it is useless to try to require that all engineers become registered (or licensed, if you prefer). This was based on the fact that there are exemptions to existing engineering laws (such as our "industrial exemption") across the nation. Since we can not get all engineers to register, we should allow them to join the organization of those that do register.

The committee's recommendation was for NSPE to stop limiting its membership to Professional Engineers. It feels that NSPE should immediately open its membership to all members of the design team. Their targets would be non-

licensed graduate engineers, but they would leave room for architects, physicists, interior designers, and building inspectors, among others. This way, NSPE would be representing the entire engineering profession (again, instead of Professional Engineers).

The committee predicts that NSPE membership would triple when we start letting in other members of the design team. This would allow membership dues to be lowered by 30%.

This change in membership eligibility would just be the beginning. The Gregorits Committee would evolve NSPE into a true global society. In addition to individual membership, NSPE would accept society membership. Societies such as the American Society of Civil Engineers and the Institute of Electrical and Electronic Engineers would join NSPE, as well as societies from Canada, Great Britain, and the rest of the world.

This was a very detailed report. If you would like to review it, please contact the LES State Office for details. Even if the only details you hear are from this article (and possibly *Engineering Times*), talk about it amongst your peers. Bring it up at chapter meetings or around the water cooler. Most importantly, let your leadership know how you feel! We can not represent you if we do not know how you stand.

On a sad note, James L. Meyer, P.E., one of the giants of Louisiana engineering, passed away in May. In the last issue of *Louisiana Engineer*, CEC/L had a wonderful tribute to this great man. We at the Louisiana Engineering Society would like to echo those sentiments. Jim Meyer gave much to our profession, not only by his skills, but also by his leadership. He will continue to be someone I will try to emulate in both my professional and personal life. He will be missed a great deal. Our prayers go out to his family.



SOCIETY NEWS • SOCIETY NEWS

NEW MEMBERS

Baton Rouge Chapter

Brad Banker, E.I.
Mary Danka, P.E..
Pershing Gervais, E.I.
Robert Degeyter, E.I.

Lafayette Chapter

Josh Stanford, E.I.
Bobby LeBlanc, P.E.

New Orleans Chapter

Farhad H. Mogharrebi, P.E.
Maurice E. Anderson, III, P.E.

✦ Alexandria Chapter ✦

by Marty Paulk, P.E.
Alexandria Chapter President

The Alexandria Chapter will start off the year with a luncheon meeting to be held on September 16. Our chapter officers have met and they are looking for ways in which the chapter can provide better services to our members. Input from our members will be greatly appreciated. One service being considered is providing Continuing Professional Development at our monthly meetings. This is one service which will be beneficial to our chapter members.

Our chapter is trying to start the Math Initiative Program in Central Louisiana schools this year and hopefully our members will support this program as much as they have supported MATH-COUNTS, Engineer for a Day, and other similar efforts.

The Alexandria Chapter is also hosting the State MATHCOUNTS competition again this year.

I am looking forward to working with our members to have an excellent year.

✦ CALENDAR OF EVENTS ✦

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Journal* to: Editor, 8126 One Calais, Suite 1-A, Baton Rouge, LA 70809.

September, 1998

- 11** LES Board of Direction Meeting, Alexandria, LA
- 17-18** Eighth ASCE/ACI Civil Engineering Conference, Kenner, LA

October, 1998

- 15** Deadline for copy, Louisiana Journal, Nov. issue
- 16** LES Honors & Awards Nominations Deadline

✦ Baton Rouge Chapter ✦

by Alan Krouse, P.E.
Baton Rouge Chapter President

In the beginning of all sport seasons there is an optimism and enthusiasm that the year ahead will reveal great success for the team. As in most successful organizations, the achievements accomplished are a product of the coaches (officers) and players (members) dedication. I am confident that our organization is strong and there will be some changes this year (this journal for example) which will insure LES's leadership for another one hundred years.

As the summer comes to a close and kids are returning to school, our chapter begins it's plans for the upcoming year. We will begin our year with an icebreaker in August, followed by our montly lunch meetings in September and October. Also in October we will have our annual golf tournament benefitting a LSU Professorship, and it may be played on the new and improved LSU golf course. Our student function will be in November and our Christmas Party in December. All are welcome to our functions, so if anyone would like information about days and times, please contact me.

✦ Bayou Chapter ✦

by Ron J. Boudreaux, P.E.
Bayou Chapter President

Bayou Chapter welcomes Joseph Boudreaux, E.I. and Scott Bergeron, P.E. as new members of the Chapter.

Bayou Chapter's Fifth Annual Golf Tournament will be held on September 18, 1998 at Bayou Country Club in Thibodaux. Tournament will be a fourman scramble with a shotgun start at 1:00 PM. Contact David Boudreaux or Emery Chauvin at 504-868-1050 for further information on the tournament.

✦ Lafayette Chapter ✦

No Report

✦ Lake Charles Chapter ✦

No Report

✦ Monroe Chapter ✦

by Stanton Huey, Jr.
Monroe Chapter President

Our new State President, John J. Plaisance, II, P.E. will speak to us at our meeting on September 10, 1998. We have continued our litter patrol on Slack Street in West Monroe this summer.

We will have a Board of Directors meeting on August 5, 1998 at 5:00 p.m. We will have the following agenda:

1. Consider becoming a Benefactor Donor to the New Louisiana Engineering Center.
2. Consider donating at least \$1000.00 per year to the Scholarship Fund.
3. Go over the awards and nominate members.
4. Select the dates and locations for the Monthly Chapter Meetings.
5. Form a list of possible guest speakers.
6. Select members to contact the advertisers for our monthly newsletter.
7. Assign members a list of members to call before each monthly meeting.
8. Discuss the MATHCOUNTS to be held next year.
9. Review the budget for the coming year.
10. Discuss the goals our Chapter needs to set for the coming year.

The Monroe Chapter now has 100 members. Between June 1, 1997 and May 31, 1998, one member passed away, one member retired, nine members dropped out, and eight members joined our chapter. We met our quota which was eight new members.

✦ New Orleans Chapter ✦

No Report

✦ Shreveport Chapter ✦

No Report

Help provide

scholarships

for future

THE **Louisiana** ENGINEERING EDUCATION FUND

engineers

MEMBERSHIP REPORT

by

ALI M. MUSTAPHA, P.E.

MEMBERSHIP CHAIRMAN

Last year all the Chapters did an outstanding job in recruiting new members. Congratulations to Bayou, Lake Charles, Monroe & Shreveport Chapters for establishing and implementing successful recruitment programs and for exceeding the recruitment quota set by the Membership Committee.

During 1997-1998, 130 new members joined Louisiana Engineering Society, but unfortunately more than 200 members dropped out. Retention of existing members is as important as recruiting new ones. Every member is valuable to our professional organization which is always working hard on the local, state and national level to promote the Engineering Profession.

The membership committee goals for this year are:

- 1) Continue to work on improving the successful recruitment program by improving communications among the Chapters' membership committees.
- 2) Create a strong retention program which includes:
 - a) Obtaining a list of dropped out members for the past two years.
 - b) Contacting each person by phone and mail (letters signed by LES President) and encouraging him/her to rejoin LES and continue supporting our Engineering Profession.

Improving communications with existing members and providing a better service is the foundation for growth and success of any recruitment-retention program. Let us work hard and pledge to support LES State Leaders, Chapter Officers and Committees in all their efforts to promote our Engineering Profession.

LES MEMBERSHIP RECRUITMENT CONTEST

JUNE 1, 1997 - MAY 31, 1998

CHAPTER	QUOTA	NEW MEMBERS	% OF QUOTA
ALEXANDRIA	9	2	22
BATON ROUGE	31	29	94
BAYOU	7	8	114
LAFAYETTE	18	17	94
LAKE CHARLES	8	10	125
MONROE	8	10	125
NEW ORLEANS	44	34	77
SHREVEPORT	9	20	222



MOVE FAST!

If you stand in one place too long on this construction site, you might have concrete poured around your feet or a wall built around you. Construction has moved fast since the May 27 groundbreaking for the Louisiana Engineering Center in Baton Rouge, and we need the help of everyone with an interest in the professions of engineering and surveying to finish paying for it. To date, we have raised approximately \$550,000 of the \$865,000 needed.

This new center will provide a focal point for the efforts of all those working towards the long-term viability of the professions. It will house the offices of the Louisiana Engineering Foundation, the Louisiana Engineering Society, the Consulting Engineers Council of Louisiana, the Louisiana Society of Professional Surveyors, and the Louisiana State Board of Registration for Professional Engineers and Land Surveyors. A large conference room will be available for meetings of professional organizations, and it is hoped that by sharing this facility, a constructive dialogue will develop between practition-

ers, regulators, technical societies, teachers, students, and users of engineering and surveying services.

This facility should benefit all practitioners in Louisiana. Its Baton Rouge location will make it convenient to reach from anywhere in the state, and will also be an advantage when dealing with the state boards that regulate our practices. We urge all registrants to contribute to the building completion fund, and to add their weight to the momentum we expect it to generate for the professions.

Please use the form below and mail your contribution TODAY. We cannot over-emphasize the importance of this new center to the future of the professions. Donors' names will be inscribed on a founders' plaque in the lobby of the building. The Louisiana Engineering Foundation is a non-profit, tax-exempt 501-C-3 organization, and donations are deductible in accordance with provisions of the tax law.

FRIEND	\$ 50-249	NAME: _____
SUPPORTER	\$ 250-999	
BENEFACTOR	\$ 1000-4,999	ADDRESS: _____
SUSTAINER	\$ 5000-9,999	
NOBLE DONOR	\$ 10,000-24,999	CITY, STATE, ZIP: _____
ROYAL DONOR	\$ 25,000-49,999	
HALL OF HONOR	\$ 50,000 and over	SIGNATURE: _____

Make checks payable to: Louisiana Engineering Foundation
8126 One Calais Avenue, Suite 1A
Baton Rouge, LA 70809

Join us for a true family vacation June 20 - 23



Our breakout locations . . .
LES 1999 Annual Meeting



Come Outside and Play



Taking care of your water and wastewater needs.

ENVIRONMENTAL TECHNICAL SALES, INC.

Ronnie Hebert, P.E.

7731 Office Park Boulevard • Baton Rouge, Louisiana 70809

Phone (504) 295-1200 • Fax (504) 295-1800

Water •• Wastewater •• Sludge •• Air
Equipment — Systems — Solutions



9229 BLUEBONNET BOULEVARD
BATON ROUGE, LOUISIANA 70810
504 765 7400 / 504 765 7244 f
btr@abmb.com



ALBERT • GARAUDY
AND ASSOCIATES, INC.
ENGINEERS

Multi-Discipline Project Consulting Engineers

Oil & Gas ■ Petrochemical ■ Refining ■ Pulp & Paper

3500 North Causeway Blvd. Ste. 600, Metairie LA 70002
PHONE: 504.884.6600 FAX: 504.884.8955
EMAIL: hostmaster@aga-engineers.com

Aillet, Fenner, Jolly & McClelland, Inc.

Consulting Civil, Electrical, Environmental & Structural Engineers
Robert D. Fenner, Joseph M. Walker, J. Wayne Roberson,
Gary W. Fenner, Kenneth V. Hill

Planning feasibility studies, land surveys, design, plans and specifications and construction inspection for bridges, streets and highways, airfields, water systems, sewage treatment and disposal, drainage, military construction, land development, and structural and foundation systems.

1055 Louisiana Avenue
Shreveport, Louisiana 71101
Phone: 318-425-7452

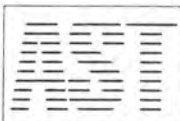
423 Homer Road, Suite A
Minden, Louisiana 71055
Phone: 318-377-9700



Alliance, Inc.

Architecture ▲ Engineering ▲ Planning
Airport Consulting ▲ Surveying

Petroleum Sq., Suite 100 1324 N. Hearne Ave.
Shreveport, LA 71107 Fax: (318) 221-7635
Phone: (318) 221-7501



**ASSAF,
SIMONEAUX,
TAUZIN
& ASSOCIATES, INC.**

consulting engineers

8417 Kelwood Avenue Phone: 504/926-5600
Baton Rouge, Louisiana 70806 Fax: 504/926-5620



ATCHLEY & ATCHLEY, INC.

**CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
PLANNERS**

(318) 222-5821
412 LaSalle Street Fax: (318) 227-2233
Shreveport, Louisiana 71107 E-mail: atchley@ark-la-tex.com

**BADEAUX
ENGINEERS
INCORPORATED**

CONSULTING STRUCTURAL
AND CIVIL ENGINEERS
115 EAST SIXTH STREET 70301
POST OFFICE BOX 1056 70302
504-447-2317 THIBODAUX LA

1999 Professional Development Awards

The National Society of Professional Engineers is seeking nominations for its 1999 Professional Development Awards competition. Since 1960, NSPE has used this award to recognize engineering firms that have made significant contributions to the advancement and improvement of engineering practices. The deadline for entry is December 1, 1998.

1999 awards will be presented in Construction, Industry, and Private Practice. To be eligible for the construction award, the employer must be a contracting firm, sub-contractor, design-build or turnkey firm of an industrial corporation whose primary function is the construction of physical facilities or structures. Eligibility for the industry award requires an employer whose primary function is to design and manufacture or supply various devices, equipment, products, or systems for the use and benefit of human-kind. A private practice employer must be a for-profit firm or branch office of a firm, the primary function of which is to provide engineering design or consulting services for infrastructure, facilities, or processes to clients in accordance with applicable state laws.

Entries will be judged on recruitment and any special employment practice that emphasizes professional development through continuing education or participation with professional societies and technical organizations. All entries must be submitted through the Louisiana Engineering Society. Please call (504) 766-2028 for nomination forms.

See LES Order Form next page



LES Coffee Mug



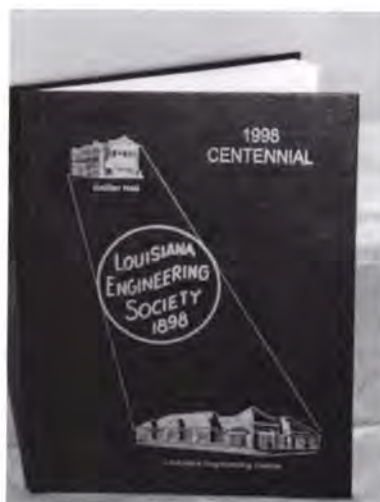
LES Lapel Pin



LES Centennial Koozie



LES License Plate



Centennial Book

LES Order Form

Quantity		Price	Shipping	Total
_____	LES Logo Coffee Mug	\$ 6.00	\$ 3.00	_____
_____	LES Lapel Pin	\$ 8.00	\$.32	_____
_____	LES License Plate	\$10.00	\$.55	_____
_____	LES Centennial Koozie	\$ 9.00	\$.55	_____
_____	LES Centennial Book	\$45.00	\$ 3.00	_____
	TOTAL DUE		\$	_____

Shipping Information

☐ I will pick up to avoid shipping charge

☐ Please mail to the address below

Name: _____

Firm Name: _____ Phone () _____

Address: _____ City: _____

State: _____ Zip: _____

Method of Payment - All orders must be prepaid!

_____ My check is enclosed

_____ Please Charge my ☐ VISA ☐ Mastercard

Card #: _____ Expiration Date: _____

Signature _____

Placing Your Order

Mail to: LES State Office (OR) FAX to: (504) 766-2038
8126 One Calais, Suite 1-A
Baton Rouge, LA 70809

BALAR

ENGINEERS • SURVEYORS
CIVIL • STRUCTURAL • ENVIRONMENTAL

STEVEN W. BROWN, P.E.

BALAR ASSOCIATES, INC.
631 MILAM STREET, SUITE 200
SHREVEPORT, LA 71101

PHONE (318) 221-6312
FAX (318) 424-6508
E-MAIL: swbbalar@aol.com

B R A M M E R ENGINEERING INC.

Serving the Oil & Gas Industry since 1968

333 Texas Street, Suite 1425 Office Phone (318) 429-2345
Shreveport, LA 71101-5323 FAX No. (318) 429-2340



BROWN & BUTLER, INC.

Consulting Engineers and Land Surveyors

General Civil Engineering & Land Surveying

8335 KELWOOD AVE. - SUITE D
BATON ROUGE, LA 70806-4804

PH 504/924-0235
FAX 504/926-1687
EMAIL: brwnbutler@aol.com

"Our Mission: Client Success"

3645 Williams Blvd.
Suite 206
Kenner, LA 70065
504-443-3437

**BUCHART
HORN, INC.**
Engineers, Architects
and Planners

BURK - KLEINPETER, INC

ENGINEERS
ARCHITECTS PLANNERS
ENVIRONMENTAL SCIENTISTS

4176 CANAL STREET
NEW ORLEANS, LA 70119-5994
TEL (504) 486-5901 FAX (504) 488-1714



LOUIS J. CAPOZZOLI & ASSOCIATES, INC.
Geotechnical Engineers

Engineering Consultation
Laboratory and Field Testing
Land and Marine Site Explorations

10555 Airline Highway Baton Rouge, LA 70816-4199
Telephone (504) 293-2460 Fax (504) 293-2463



environmental engineers, scientists,
planners, & management consultants

CAMP DRESSER & McKEE INC.

3445 North Causeway Boulevard, Suite 600
Metairie, Louisiana 70002
504 832-7272

500 Laurel Street, 4th Floor
Baton Rouge, Louisiana 70801
(504) 387-3822

offices nationwide

**CH2MHILL**

Kenneth E. Thomas, P.E.
Louisiana Area Manager

CH2M HILL
1515 Poydras Street
Suite 2110
New Orleans, LA 70112-3723
Tel 504.593.9421
Fax 504.593.9460
E-Mail kthomas@ch2m.com

YOUR FULL SERVICE ENVIRONMENTAL CONSULTANT

**RICH MAJOR, P.E.**

17170 Perkins Road
Baton Rouge, LA 70810
(225) 755-1000
Fax (225) 751-2010
www.c-ka.com

ENGINEERED SOLUTIONS
TO REGULATORY ISSUES

**COYLE ENGINEERING
CO., INC.****CHARLES G. COYLE, P.E.**

P.O. BOX 6177
ROSSIER CITY, LOUISIANA 71173-6177

3925 BENTON RD.
PHONE (318) 746-6987

**CSRS**

CHENEVERT • SONGY • RODI • SODERBERG
An Engineering/Architectural Corporation

- CIVIL ENGINEERING
- PLANNING
- LAND SURVEYING
- ARCHITECTURE

6767 Perkins Road, Suite 200, Baton Rouge, LA 70808
Phone: (504) 769-0546 or <http://www.csronline.com>

**Delta Process
Equipment, Inc.**

P.O. Box 969 • 8225 Florida Blvd.
Denham Springs, LA 70727-0969
(504) 665-1666
(504) 665-1855 Fax

Pumps • Compressors • Steam Turbines • Blowers
Wastewater Treatment Equipment • Filters • Mixers

SUNSTRAND
KONTRO
GORMAN-RUPP
COPPUS-MURRAY
SUTORBILT
LEISTRITZ
KINNEY
DOLLINGER
SAUDER

Denmon Engineering Company, Inc.

1973-1998

25 Years of
Quality
Engineering
and Surveying
Services

Engineers and Surveyors
PO Box 8460
Monroe, Louisiana 71211-8460
(318) 388-1422 phone
(318) 361-5036 fax

**DOMINGUE
SZABO**

& ASSOCIATES, INCORPORATED
PROFESSIONAL ENGINEERS & LAND SURVEYORS

400 East Kaliste Saloom Road
Suite 1100
P.O. Box 52115
Lafayette, LA 70505-2115
(318) 232-5182
(LA WATTS (800) 737-5182
FAX (318) 237-7132

NEW REGISTRANTS

The Louisiana Engineering Society would like to congratulate the following new registrants of the Board of Registration. These Engineers have passed their professional engineer exam and are far along in the continuum of becoming a registered professional engineer.

LES invites these individuals to any local or state meetings and encourages LES members to personally contact these new registrants and bring them to a chapter meeting.

If anyone would like more information about joining their professional organization, contact Brenda Gajan at (504) 766-2028. Again congratulations on your achievement!

New Registrants for the Period 04/21/98 - 07/14/98

Professional Engineers

AGRICULTURAL

Lawson McKinney Safley, Jr.
RALEIGH, NC

CHEMICAL

Michael David Johnston
FAIRHOPE, AL
Rajiv Loknath Gehani
RICHMOND, VA
Stuart Roger Cox
GRETNA, LA
Kelvin E. Langlois
AMA, LA
Stephen Michel Haik
SLIDELL, LA
Daniel Wayne Tillema
LAKE CHARLES, LA
Claude Edward DeWeese III
ZACHARY, LA
Eugene Rodgers Britton
CONZALES, LA
Robert Francis Tavlin, Jr.
BATON ROUGE, LA

CIVIL

Russell Dean Copeland
BATON ROUGE, LA
Rickey Paul Brouillette
BATON ROUGE, LA
Dennis Michael Passman
BATON ROUGE, LA
John Patrick Raymond *
BATON ROUGE, LA
Daniel Andrew Dearmond
BATON ROUGE, LA
Clint Scott McDowell
BATON ROUGE, LA
Gary Charles Pentek
ZACHARY, LA
Tingzong Guo
BATON ROUGE, LA
Nick Joseph Ferlito, Jr. *
BATON ROUGE, LA
Yongqi Li
BATON ROUGE, LA
Alfred Edward Johnson
SHREVEPORT, LA
John Gerald Hardman, Jr.
BATON ROUGE, LA
Gary Michael Clark *
SHREVEPORT, LA
Michael Steven Vercher *
BENTON, LA
Ahmet Sanli Ozkan *
BATON ROUGE, LA
Michael Louis DeSelle
BOYCE, LA
Melvin Curtis Hicks, Jr.
PINEVILLE, LA
Thomas Brooks Morris
DALLAS, TX
Trent James Slovak
HOUSTON, TX
Rollins Patrick Brown
AUSTIN, TX
Abdul Noor Helal
HOUSTON, TX
Kenneth William Karren, Jr.
LAS VEGAS, NV

Jayendra Govindlal Chokshi
HOUSTON, TX
Brian O'Higgins
PEARLAND, TX
Randolph Carr Rowland
AUBURN, CA
Imad Kattan
TULSA, OK
William Scott Shipp
CARROLLTON, TX
Charles Glenn Dominguez
SPRING, TX
Dudley George McFarquhar
BALCH SPRINGS, TX
Peter Tian
LAFAYETTE, CO
James Edward Dorn
DALLAS, TX
Wayne Smith Watts
EUNICE, LA
Allen Ray Wainwright
LAKE CHARLES, LA
Christopher Conrad Fuselier
SCOTT, LA
Frank William Titus *
KAPLAN, LA
Mario Javier Montenegro
RIVER RIDGE, LA
Janet McDuffee McSwain
NEW ORLEANS, LA
John Alexander McCorquodale
NEW ORLEANS, LA
Farhad H. Mogharrebi
RIVER RIDGE, LA
Bryan Matthew Kelly
NEW ORLEANS, LA
Mei Zhu
METAIRIE, LA
Wen-Xing Huang
METAIRIE, LA
Thi Huu Dao
GRETNA, LA
Thomas Sweet Green
TUSCALOOSA, AL
Robert James Lewis
MCMURRAY, PA
Donald David Meisel
MEDIA, PA
Frank Morabito
TIMONIUM, MD
James Louis Kill
MUSCATINE, IA
Christopher Stephen Smith
ARLINGTON, VA
Kevin John Dixon
COLOGNE, NJ
William Brian Rettig
PLYMOUTH, IN
Dennis Wade Summerford
FAIRHOPE, AL
Bruce James Marek
WILMINGTON, NC
Robert Herman Midkiff, Jr.
STATE RD, NC
Johnnie Cp Ho
SALUDA, NC
Sukumar Babubhai Patel
INDIANAPOLIS, IN
Charles Girardin Thom, Jr.
ROSWELL, GA
Paul Martin Wehner
SNELLVILLE, GA
Houshang Rahimzadeh
TUCKER, GA
Pui Luen Lee
NORCROSS, GA

David Michael Webber
MOBILE, AL
Brian Keith Upson
GRIFFIN, GA
James Dennis Morinec
BRENTWOOD, TN
David Thomas Lash
CARMEL, IN
Thomas Allen Tye
ATLANTA, GA
Dennis Matthew Stuart
ORANGE PARK, FL
Richard Morgan Slocum
CORDOVA, TN
Mark Matthias Seymour, Jr.
BILOXI, MS
Francis Martin Forkey, Jr.
GAINESVILLE, FL
Gregory Edward Murphy
GAINESVILLE, FL
Ralph Donald Richardson
MEMPHIS, TN
Patrick Sean Burns
COLUMBIA, MS
James Edward Trant
BILLERICA, MA
Jean Reynald Carriere
CANADA
Gary Louis Cottle
GARDENDALE, AL
Habib Jirji Azouri
PEORIA, IL
Steven Craig Ball
N BARRINGTON, IL
Michael Robert Johnson
APPLE VALLEY, MN

ELECTRICAL

Samuel David Alley
ANNAPOLIS, MD
Robert William Cyphers
LOUISVILLE, KY
Douglas Wayne Phillips
DAPHNE, AL
Joseph Kent Deaton
FENTON, MO
Roger Colin Landers
MARIETTA, GA
Prabhakar Yeshwant Keskar
GAINESVILLE, FL
John Michael Jones
ACWORTH, GA
Jerald Earnest
SumterATLANTA, GA
Hugh Owen Nash, Jr.
NASHVILLE, TN
Robert Olin Edens
MEMPHIS, TN
Tibbs Monford Golladay, Jr.
LULING, LA
Barry Louis Acosta
DESTREHAN, LA
Michael Carleton LaBiche
GRETNA, LA
Sherri Lynne Winslow
HARVEY, LA
Leanne Maggiore Methe
TERRYTOWN, LA
John Cyprian Lawrence *
NEW ORLEANS, LA
Hariz Cumurovic
NEW ORLEANS, LA
Scott Andries
SLIDELL, LA
Maureen Dunn Jackson
ALEXANDRIA, LA

Hany Fekry Aziz
HOUSTON, TX
Darin Lawrence Meyers
HOT SPRINGS, AR
James Sean Guess
NATCHITOCHES, LA
Brad Ben Boyer
CYPRESS, TX
Glenn Lyle Short
SPRINGDALE, AR
Nathaniel David Shockley
STONEWALL, LA
Charles Joseph Bueche
PRAIRIEVILLE, LA

ENVIRONMENTAL

Noel Ann Ardoin *
BATON ROUGE, LA
Jamal Yusuf Shamas
BATON ROUGE, LA
Gerald John Vetter, Jr.
NEW ORLEANS, LA

MECHANICAL

Andrea Marie Recasner
NEW ORLEANS, LA
Eva Marie Alito
NEW ORLEANS, LA
Marcel Gerard Hammond
NEW ORLEANS, LA
Heidi Romero Gremillion
NEW ORLEANS, LA
Anthony Charles Moschella
NEW ORLEANS, LA
Christopher Alan Vedros
NEW ORLEANS, LA
Matthew Parker Parra
LAFAYETTE, LA
John Alex Bibaef, Jr.
LAFAYETTE, LA
Eric Thomas Greager
MANDEVILLE, LA
Allison Marie Gray
RAYNE, LA
Marcel Louis Marquette III
JEANERETTE, LA
Craig Seth Rivera
MANDEVILLE, LA
Jason Thor Crumb
METAIRIE, LA
Ronald Anthony Marshall
METAIRIE, LA
Julian Lafayette Gaitley IV
AMA, LA
Andrew John Whitaker
KENNER, LA
Gary Stephen Becker
NEW ORLEANS, LA
Paul Douglas Herrington
METAIRIE, LA
Rabih Milad Chedid
GREINA, LA
James Allan Melancon, Jr. *
KENNER, LA
MD Golam Sarwar
KENNER, LA
Michael Rhys Clark
GAINSVILLE, FL
Scott Corley Woods
MADISON, MS
Laurence Goodall
WINTER SPRINGS, FL
Mark Alan Whitnell
JACKSONVILLE, FL
Henry Anthony Fonzi, Jr.
WILDWOOD, PA
Robert Michael Zaleski
PARMA, OH
Robert Wayne Bernard
SPARTA, MO
Raj Paul Gupta
DEERFIELD, IL
Walter Key Mahone III
DOTHAN, AL
Douglas Million Morris
LEXINGTON, KY
Dwayne Anthony Bourgoyne
BATON ROUGE, LA
Michael Scott Ramage
BATON ROUGE, LA
Phil Eric Thibodeaux
BATON ROUGE, LA
Jason Keith Davis
BATON ROUGE, LA
Michael Scott Middleton
SHREVEPORT, LA
Patrick Crawford Lashley
MONROE, LA
David Paul Geoffroy
BATON ROUGE, LA
Kent Bradley Randall
SHREVEPORT, LA

Charles Brun Chapman III
HAUGHTON, LA
Colin Edward Godfrey
RUSTON, LA
Stephen William Conrad
SHERWOOD, OR
John Morris Dowdell
RUSTON, LA
David Lenden Sheets
ROGERS, AR
James Earnest Thompson, Jr.
ALVIN, TX

NUCLEAR

Krishna Prakash Ranganathan
Iyengar
LAS VEGAS, NV

Engineer Interns

William Cole Mercer
BATON ROUGE, LA
Savita Iyer
BATON ROUGE, LA
Gordon Dowden Hopper
BATON ROUGE, LA
Lonnice Preston Shelton, Jr.
BATON ROUGE, LA
Steven Lloyd Gunter
BATON ROUGE, LA
Shane John Nicholas
BATON ROUGE, LA
Kevin Andrew Myers
BATON ROUGE, LA
Michael Lee Edwards
BATON ROUGE, LA
Christopher Kim Carver *
BATON ROUGE, LA
Fatih Andre Aksin
BATON ROUGE, LA
William Douglass Burgin
BATON ROUGE, LA
John Richard Bowman
BATON ROUGE, LA
Laura Kaleinani Fitzsimons
BATON ROUGE, LA
Paul David Libbers
BATON ROUGE, LA
Hyoh Seob Kim
BATON ROUGE, LA
Wesley Dean Jacobs
BATON ROUGE, LA
Daniel Patrick Fawley
BATON ROUGE, LA
Daniel Thomas Wilson
BATON ROUGE, LA
George Klein Rigney
BATON ROUGE, LA
Ronald Bruce Taylor, Jr.
BATON ROUGE, LA
Christopher Samuel Gaines
BATON ROUGE, LA
Rustin Joseph Roussel
BATON ROUGE, LA
Brad David St. Germain
BATON ROUGE, LA
Chad Walter Moore
BATON ROUGE, LA
Susie Malena McMullan
BATON ROUGE, LA
Ryan Lee Karkkainen
BATON ROUGE, LA
Leslie Lorin Davis
BATON ROUGE, LA
Bryan Paul Boudet
BATON ROUGE, LA
Michael John Harter
BATON ROUGE, LA
Stephany DeAnn Lewis
BATON ROUGE, LA
Lesley Erin Lewis
BATON ROUGE, LA
Melvin Kinell Lara
BATON ROUGE, LA
Bronson Paul Guilbeau
BATON ROUGE, LA
Bianca McWilliams Jackson
BATON ROUGE, LA
Wayne Joseph Berlin, Jr.
BATON ROUGE, LA
Kelly Victoria Boutreis
BATON ROUGE, LA
Ross Elliott Cannizaro *
BATON ROUGE, LA
Clint Douglas Eilbeck
BATON ROUGE, LA
Heather Jayne Garrison
BATON ROUGE, LA
Brent Christian Gros
SLIDELL, LA
Jason Lavon Crain
BATON ROUGE, LA

Chad Richerson Thomas
BATON ROUGE, LA
Hannelore Regina Rietschier
BATON ROUGE, LA
Brian P. Robert
BATON ROUGE, LA
Justin Owen Reeves
BATON ROUGE, LA
Brian Mac Puls
BATON ROUGE, LA
Alexis San Miguel
BATON ROUGE, LA
Don Marcus Scott
BATON ROUGE, LA
James Robert Sakovich, Jr.
BATON ROUGE, LA
Daniel Robert Roth
BATON ROUGE, LA
David James Wilkinson, Jr.
BATON ROUGE, LA
Michael David Vosburg
BATON ROUGE, LA
Charles Earl Varnado, Jr.
BATON ROUGE, LA
Peter Rodth Bowlwin
DENHAM SPRINGS, LA
William Odis Shirley
DENHAM SPRINGS, LA
Gregory Alan Pagani
DENHAM SPRINGS, LA
Rebekah Fae Phillips
DENHAM SPRINGS, LA
Sandra Marie Jones
ETHEL, LA
Louise Marie Braud
GEISMAR, LA
Jeffery Wade Banker
GONZALES, LA
Bradley Mitchell Frans
GONZALES, LA
Stephen Charles Lejeune
GONZALES, LA
Dawn Ruiz Sholmire
GONZALES, LA
Thomas Jefferson Foshee III
DENHAM SPRINGS, LA
Wade Byron Vickry
GREENWELL SPRINGS, LA
Joel Patrick McAlister, Jr.
HOLDEN, LA
John A. Kaiser
KROTZ SPRINGS, LA
Mark Douglas Miller
RAGLEY, LA
Ryan Charles Ashley
PRAIRIEVILLE, LA
Brian Michael Aguilard
PRAIRIEVILLE, LA
Joseph Adrian Boothe
ST FRANCISVILLE, LA
Melissa Lynn Litherland
ST FRANCISVILLE, LA
Tanya Ann Bankston
SORRENTO, LA
Jason Wade McCann
KINDER, LA
Todd James Cottano
ZACHARY, LA
Mathew Lynn Loutzenheiser
DERIDDER, LA
Melinda Francesca Robinette
ZACHARY, LA
Garrett Ross Comeaux
LAKE CHARLES, LA
Richard G. Suter
DENHAM SPRINGS, LA
Joseph Matthew Hanna, Jr.
BAKER, LA
Rebecca Caroline Heifner
BATON ROUGE, LA
Eng-Soo Lee
BATON ROUGE, LA
Yi Chen
BATON ROUGE, LA
Kok-Seng Cheng
BATON ROUGE, LA
Boon-Foo Chung
BATON ROUGE, LA
Fei Zhang
BATON ROUGE, LA
Sun Ewe Lim
BATON ROUGE, LA
Daniel Wildhaber
BATON ROUGE, LA
Brent Richard Ozenne
BATON ROUGE, LA
John Thomas Watkins
BAKER, LA
Quang Vinh Lai
BATON ROUGE, LA
Theresa Milanka Such Mouton
BRUSLY, LA

DUPLANTIS ENGINEERING, INC.

CIVIL ENGINEERS

200 East Sixth Street Thibodaux, Louisiana 70301
Site Development Land Planning Public Works
Phone: 504.447.0090
Fax: 504.447.7009
e-mail: duplantis@worldnet.att.net

ERM-Southwest, Inc.
ENVIRONMENTAL
CONSULTING
ENGINEERS &
SCIENTISTS

DALLAS (214) 456-7272
AUSTIN (512) 346-1700
HOUSTON (713) 579-8999
NEW ORLEANS (504) 831-6700

EUSTIS ENGINEERING

GEOTECHNICAL ENGINEERS

CONSTRUCTION QUALITY CONTROL
AND MATERIALS TESTING
MONITORING WELL INSTALLATION
(504) 834-0157



3011 28TH STREET METAIRIE, LA 70002

Ford, Bacon & Davis

INCORPORATED



♦ CONSULTING
♦ ENGINEERING
♦ PROCUREMENT
♦ CONSTRUCTION

100 YEARS OF ENGINEERED SOLUTIONS

4001 Jackson St. 318/323-9000
Monroe, LA 71202 Fax 318/361-0962

FORTE AND TABLADA, INC.

CONSULTING ENGINEERS

OFFICE (504) 927-9321 • FAX (504) 927-9326
P.O. BOX 64844 • BATON ROUGE, LA 70896
9107 INTERLINI AVE • BATON ROUGE, LA 70809



SERVING
CLIENTS
WORLDWIDE

Geotechnical Engineering and Materials Testing
Cone Penetrometer Testing
Drilling, Monitor Wells
Marine Geosciences
Marine Surveys

LAKE CHARLES, LOUISIANA
(318) 439-1731

Gulf South Engineers, Inc.

1700 GRAND CAILLOU RD. 3025 N. I-10 SERVICE RD WEST
HOUMA, LA 70363-8078 SUITE 201B
(504) 876-8380 METAIRIE, LOUISIANA 70002-6831
FAX (504) 876-0621 (504) 454-1710
FAX (504) 454-1781

ENGINEERS • ARCHITECTS • PLANNERS • SURVEYORS

GULF STATES ENGINEERING CO., INC.

201 HARBOR CIRCLE
NEW ORLEANS, LA 70126

504-243-5500 FAX 504-243-5508

PUMPS • COMPRESSORS • BLOWERS
WATER AND WASTEWATER EQUIPMENT



ARCHITECTS ENGINEERS PLANNERS

Comprehensive Services in

- Highway Traffic & Drainage • Bridges & Structural
- Environmental Site Planning • Aviation

HNTB Corporation

8281 Goodwood Blvd. Suite 1 • Baton Rouge, LA 70806
(225) 927-8392 • (225) 927-8455 Fax • www.hntb.com

Office (504) 632-5596
Fax (504) 632-5628

Res. (504) 632-5646

J. W. P., INC.

J. Wayne Plaisance, Inc.

Civil Engineers • Land Surveyors

JOHN J. PLAISANCE, II
President

Post Office Drawer 730
Galliano, Louisiana 70354

AREA CODE 318
433-0561

D. W. JESSEN & ASSOCIATES

CIVIL & CONSULTING ENGINEERS

440 KIRBY ST.
D. WALTER JESSEN, JR. LAKE CHARLES, LA



Providing solutions in

- Design
 - Analysis
 - Pipe Stress
 - Vibration Analysis
 - Field Services
 - Troubleshooting
- of static and rotating equipment

HOUSTON

17625 El Camino Real, Suite 412
Houston, TX 77058

(800) 737-0591

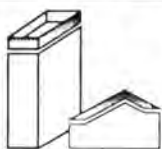
Web Site: www.knighthawk.com

BATON ROUGE

10985 N. Harrell's Ferry Rd.,
Suite 228

Baton Rouge, LA 70816

(504) 767-0591



Roof Consultants

Jim D. Koontz & Associates, Inc.

P. O. Box 1054

Hobbs, New Mexico 88240

Ph 505 392 7676

Fr 505 392 7602

Jim D. Koontz, P.E.
President

LaBauve and Company Engineers, Inc.

A Professional Engineering Corporation

3640 BAYOU RAPIDES ROAD

ALEXANDRIA, LA 71303

PHONE: (318) 445-8910

Drew Patrick Cullen
BATON ROUGE, LA
Ryan Keith Burney
BATON ROUGE, LA
Chad Lee Istre
BATON ROUGE, LA
John Naughton Plauché
BATON ROUGE, LA
Allain Danielle White
BATON ROUGE, LA
Cynthia Ann Wiley
BATON ROUGE, LA
David Jude Vidal
BATON ROUGE, LA
Nathaniel Brian Klumb
BATON ROUGE, LA
Leonard Dale Lejeune
BATON ROUGE, LA
Hooi Hong Kuan
BATON ROUGE, LA
Mark Elvin Hughes
BATON ROUGE, LA
Christopher Daniel Guilbeau
BATON ROUGE, LA
Kang Liang
BATON ROUGE, LA
Don Andrew Melerine
BATON ROUGE, LA
Gawain Scott Brumfield
BATON ROUGE, LA
Brian Jacob Buchert
BATON ROUGE, LA
Jeremy Charles Ford
BATON ROUGE, LA
Brian Lloyd Freese *
BATON ROUGE, LA
Pershing Darrow Gervais *
BATON ROUGE, LA
Paul Wayne Owens
LENA, LA
Charles Adrian Theriault
RUSTON, LA
Donald Scott Hailey
EL DORADO, AR
Daniel John Tullier
RUSTON, LA
Charles Jeff Morgan
DEQUEEN, AR
Benjamin Paul Rhodes
RUSTON, LA
Wesley Eugene Ramshur
RUSTON, LA
Mark William Haas
BRYANT, AR
Bradley Wayne Todd
RUSTON, LA
James Kelly Zart
RUSTON, LA
Matthew Timothy Wolfram
RUSTON, LA
Melissa Courtney Williams
RUSTON, LA
Kirk Lane Williams
RUSTON, LA
Charles Eric Hudson
PLANO, TX
Mary Elizabeth Lawson
RUSTON, LA
Laura Lea Newsom
RUSTON, LA
Mary Catherine Nance
RUSTON, LA
Paul Vernon Hooge
LONGVIEW, TX
Joe Wade Peel
RUSTON, LA
Maurio Demond McCree
RUSTON, LA
Phillip Alexander Lipson
RUSTON, LA
Vittorio Guiseppe Culotta
RUSTON, LA
Matthew Richard Reed
RUSTON, LA
Jeffrey Anderson Cook
HOUSTON, TX
Waylan Glen Alexander
W MONROE, LA
Robert Wade Martin
W MONROE, LA
Brian Jason Schiro
RUSTON, LA
Howard Davis Cole
CLAYTON, LA
Ryan Leonard Hill
LEAGUE CITY, TX
James Andrea Parrino
PINEVILLE, LA
Ellis Joseph Boyd
PORT ARTHUR, TX
Cindy Fee Ha How
AUSTIN, TX

Paul Steven Richmond
RUSTON, LA
Michael Lance Hollis
MIDLAND, TX
John Remington Rawls
RUSTON, LA
Jason Francis Zeringue
RUSTON, LA
Ryan Cortney Cojoe
BATON ROUGE, LA
David Charles Wilkinson
RUSTON, LA
Dennis Wayne Sewell
HAUGHTON, LA
Melissa Ann McCutcheon
BATON ROUGE, LA
Randall Louis McCluer
BATON ROUGE, LA
Robert Brandon Aillet
SHREVEPORT, LA
Michael James Clark
SHREVEPORT, LA
David Eric Kunz
SHREVEPORT, LA
Travis Aaron O'Brien
SHREVEPORT, LA
Tuan Quoc To
SHREVEPORT, LA
Boon Hoong Ooi
BATON ROUGE, LA
Steven Michael Faulkner
BATON ROUGE, LA
Devon Lyle Hubbard
BOSSIER CITY, LA
Vijay G. Shenoy
SHREVEPORT, LA
Rebecca Judith Friedman
BATON ROUGE, LA
Jennifer Jean Brumfield
BATON ROUGE, LA
Brian Patrick Giffin
SHREVEPORT, LA
Keith Allen Horton
SHREVEPORT, LA
Diane Worthy Braselman
BATON ROUGE, LA
Cory Russell Spoonmore
MONROE, LA
Gregory Joseph Clement
BATON ROUGE, LA
Wenjun Li
MONROE, LA
Keith Wayne Taylor
RUSTON, LA
Timothy Jerome Faircloth
MONROE, LA
John J. Goudeau
BASTROP, LA
Christopher Joel Smith
RUSTON, LA
Lincoln Earl Walker
JONESBORO, LA
Ryan Travis Smith
RUSTON, LA
Philip Craig Gambrell
RUSTON, LA
John Marshall Furlong
RUSTON, LA
Brian Daniel Dowden
RUSTON, LA
Stephen Carter Daughety
RUSTON, LA
Christopher Wayne Bates
RUSTON, LA
Elaine Marie Byram
RUSTON, LA
Stephen Christopher Busch
RUSTON, LA
Richard Daniel Bradford
RUSTON, LA
Joseph Daniel Bogusky
RUSTON, LA
Douglas Brent Maxwell
RUSTON, LA
Brian Robin Miller
RUSTON, LA
Charles Wesley O'Neal
RUSTON, LA
Mitchell Lee Morgan
RUSTON, LA
Quang Duy Nguyen
RUSTON, LA
David Richard Kosloski
RUSTON, LA
Donald Wayne Kite
RUSTON, LA
Clarence Clifford Joerg
RUSTON, LA
Michael Anthony Guidry
RUSTON, LA
Matthew Allen Hegler
RUSTON, LA

Heather Lea Harrill
RUSTON, LA
Douglas Marion Harwell
RUSTON, LA
Philip Joseph Wallace
RUSTON, LA
Manuel Eduardo Vejas III
RUSTON, LA
Hongjian Xiang
RUSTON, LA
Jeremy Shane Oliver
CARY, NC
Melanie Miller Magee
BRANDON, MS
Timothy James Dobrinski
HOOVER, AL
Robert Louis Trocquet
METAIRIE, LA
Antoinette Mildred Verdome
METAIRIE, LA
Savvas Kyriakoy Savva
METAIRIE, LA
Jeffrey William Brough
METAIRIE, LA
David Matthew Stein
METAIRIE, LA
Kevin Michael Stolzenthaler
METAIRIE, LA
Charles Patrick Brandstetter IV
METAIRIE, LA
Harry Everett Nelson III
METAIRIE, LA
Rebekah Green Henson
METAIRIE, LA
Dominick Joseph Sciortino, Jr.
BELLE CHASSE, LA
Robert Louis Stierwald
CHALMETTE, LA
John Leslie Wisinger, Sr.
CHALMETTE, LA
Steven Clement Hymel *
METAIRIE, LA
Jeff Dalan Bayham
CHALMETTE, LA
Kevin Anthony Mineo
NEW ORLEANS, LA
Robin Kelly Guillory
NEW ORLEANS, LA
Brad Joseph Nevle
CHALMETTE, LA
Younes Ettoug
METAIRIE, LA
Paul Anthony Lubrano
GRAMERCY, LA
Riley Matthew Parker
METAIRIE, LA
Guang Jin
METAIRIE, LA
Robert Lowell Brooks
GRENA, LA
Peikang Jin
METAIRIE, LA
Leonce Jennings Miller III
GRENA, LA
Monique Erin Vinson
GRENA, LA
Terri Lyn Toups
GRENA, LA
Walter Fernando Smith
METAIRIE, LA
Tanya Lynn Adderson
METAIRIE, LA
Keith Louis Klein
HARVEY, LA
Daniel Gerard Mullen
HARVEY, LA
Jean B. L'Hoste
METAIRIE, LA
JianQing Hong
METAIRIE, LA
Robert John Taney Martin
KENNER, LA
Fred Allen Hefren
KENNER, LA
Luis Felipe Colon
KENNER, LA
Andry Joseph Delhomme
KENNER, LA
David Michael Dauterive
KENNER, LA
Todd Melvin Blum
KENNER, LA
Robert Harold Wegener III
KENNER, LA
Robert Dennis Heaton
METAIRIE, LA
Matthew Joseph Falati
METAIRIE, LA
John Andrew Bradley
KENNER, LA
Brian David Delatte
LAPLACE, LA



Louisiana Engineering Society Membership Application

Name: _____

Please send mail to: ☐ Home ☐ Work

Home Address _____

Apt., Suite Number _____

City, State, Zip _____

Home Phone: () _____

Social Security Number: _____

Date of Birth ____/____/____

Employer: _____

Business Address _____

Apt., Suite Number _____

City, State, Zip _____

Bus. Phone: () _____ Fax: () _____

E Mail Address: _____

EDUCATION:

University: _____ Mo./Yr. Grad. _____ Undergrad. Eng. Degree(s): _____

University: _____ Mo./Yr. Grad. _____ Graduate Eng. Degree(s): _____

REGISTRATION/CERTIFICATION (If applicable)

☐ PE ☐ E/EIT ☐ PLS ☐ Other

State: _____ License #: _____ Yr. Registered _____

State: _____ License #: _____ Yr. Registered _____

PRACTICE PREFERRED PRACTICE DIVISION

Services are provided to members
at no additional cost.

☐ Construction ☐ Industry
☐ Education ☐ Private Pract.
☐ Government

MEMBER GRADES AND QUALIFICATIONS/DUES SCHEDULE:

☐ Member - PE registration in any state, U.S. territory or province of Canada. Fee: \$138.00

☐ Associate - EI certification in any state; or a graduate engineer ABET - accredited engineering program, actively pursuing an engineering career or engaged in post graduate study. Fee: 30+ years of age \$138.00
Under 30-years of age \$118.00

☐ New Graduate- A graduate from an undergraduate engineering or engineering technology program within the last five years. Graduation Date: _____ Fee: \$79.00

☐ Affiliate - Graduate of a non-ABET accredited engineering student in an ABET-accredited engineering curriculum; or a graduate of an ABET accredited technology program. Fee: \$138.00

☐ Student - Enrolled in a full-time graduate or undergraduate engineering curriculum. Fee: \$16.00

All new members will receive 18 months of membership with the payment of first 12 months dues. New member rates cover national, state, and chapter dues. Dues include subscription to the Louisiana Journal, Engineering Times, and applicable practice division newsletter. Payments may be deductible under the Internal Revenue Code, but are not deductible as charitable contributions.

PAYMENT:

Membership services will begin upon approval of application and receipt of full payment.

Make check payable to LES.

Amount enclosed \$ _____ ☐ Check ☐ VISA ☐ MasterCard

Card Number: _____ Exp. Date _____

Signature: _____ Name of Sponsor: _____

Please mail to: LES, 8126 One Calais #1A, Baton Rouge, LA 70809 Phone (225) 766-2028 Fax (225) 766-2038

FOR LES OFFICE USE ONLY

Date Joined: _____ Chapter: _____ Member Grade: _____

CODE: 1C Bill Date: _____

August 1998



LANIER & ASSOCIATES CONSULTING ENGINEERS, INC.

INDUSTRIAL • MARINE • ENVIRONMENTAL
NEW ORLEANS, LA HOUSTON, TX

LA Lazenby & Associates, Inc.

CONSULTING ENGINEERS & LAND SURVEYORS

JERRY G. LAZENBY, P.E., P.L.S.

FOY B. GADBERRY, P.E.

PAUL D. FRYER, P.E.

2000 North 7th Street • P.O. Box 728 • West Monroe, LA 71291-0728 • 318/267-2710
Fax 318/267-2718

LE LIVINGSTON ENGINEERS, INC.

Professional Design Engineers Established in 1961

Post Office Box 1865 318/527-3806
Lake Charles, Louisiana 70602 FAX: 318/625-8213



CONSULTING ENGINEERS
SERVING THE PETRO-
CHEMICAL AND OIL & GAS
INDUSTRIES

OFFICE (504) 835-2577
FAX (504) 837-5824

3330 WEST ESPLANADE AVE. • SUITE 300 • METAIRIE, LOUISIANA 70002



LINFIELD, HUNTER & JUNIUS, INC.
CONSULTING ENGINEERS AND ARCHITECTS

3500 North Causeway Blvd. / Suite 200
Metairie, Louisiana 70002
(504) 837-1666 / (504) 835-9933 fax

3924 Haddon Street
Metairie, Louisiana 70002-3011
WWW: <http://users.aol.com/icon/cpg1.htm>
Tel. (504) 887-5531, Fax (504) 888-1994
E-mail: Loon1@aol.com

LOURIE CONSULTANTS

geotechnical and geoenvironmental
consulting services

...quality measured in the client's terms

George J. Mahl, III, P.E.

Telephone (504) 733-8050
Fax (504) 733-8052

m **Mahl & Associates, Inc.**
CONSULTING ENGINEERS
5817 Citrus Blvd., New Orleans, LA 70123

mader-miers

ENGINEERING INC.

3600 W. CONGRESS ST.
SUITE 101
LAFAYETTE, LA 70506

LAFAYETTE (318) 989-8047
CROWLEY (318) 788-3247
FAX (318) 986-3219

Lloyd G. Hoover, P.E.
District Manager
Alexandria, Baton Rouge,
Monroe, Shreveport, Texarkana

MAXIM
TECHNOLOGIES INC

7727 Greenwood Road 71119
P.O. Box 19220
Shreveport, Louisiana 71149 0220
(318) 636-3673
(318) 636-3723 fax

THE MEYER GROUP



Meyer and Associates, Inc.
Engineers • Planners
Vernon F. Meyer and Associates, Inc.
Surveyors
The Meyer Group, Inc.
Project & Construction Management

500 Cities Service Hwy., P.O. Box 2149 • Sulphur, Louisiana 70664 • (318) 625-8353
5525 Mounes Street, Suite 102 • New Orleans, Louisiana 70123 • (504) 733-3770

Baton Rouge, LA (504) 928-7848
McLean, VA (703) 734-9093
Pensacola, FL (904) 968-3799

email - meyer@afmeyer.com

A.F. Meyer & Associates, Inc.

Environment, Safety and Health,
Pollution Prevention, Hazardous Material Management,
Optimum Value Pollution Prevention for Navy and
Merchant Marine Applications
See our Home Page at <http://www.afmeyer.com>

MECO

Sea Water Conversion Equipment
Pharmaceutical Distilling Plants
Marine Heat Exchangers and Pumps
Reverse Osmosis Systems

MECHANICAL EQUIPMENT COMPANY, INC.
861 CARONDELET STREET, NEW ORLEANS, LA 70130 U.S.A.

PHONE: (504) 523-7271
TELEFAX: (504) 525-4846

TELEX: 460165

mmlh

Meyer, Meyer, LaCroix & Hixson, Inc.
Consulting Engineers & Land Surveyors

Alexandria 318-448-0888
Baton Rouge 504-756-1447
Ruston 318-255-7236

MODJESKI AND MASTERS

CONSULTING ENGINEERS

Bridges • Highways • Structures
Mass Transit • Special Foundations
Reports Inspections Design
Inspection of Construction

1055 St. Charles Ave. New Orleans, La. 70130
(504) 524-4344

New Registrants Continued from page 12

Amy Kaulene Blackstock
METAIRIE, LA
Candida Xiomara Carrillo
MARRERO, LA
Michael Heath Lewis
MARRERO, LA
Kiley Fellow Bates
INDEPENDENCE, LA
Christopher James Nickel *
FRANKLINTON, LA
Gregg Kelly Ashcraft
TICKFAW, LA
Chad Anthony Broussard
MANDEVILLE, LA
David Andrew Ramirez, Jr.
LAFAYETTE, LA
Ryan Louis Lejeune
LAFAYETTE, LA
Timothy Wayne Nickel *
FRANKLINTON, LA
Clayton Andrew Castille
LAFAYETTE, LA
Frank Joseph Camus
LAFAYETTE, LA
James Lee Babin, Jr.
LAFAYETTE, LA
Frank Nathaniel Greene III
LAFAYETTE, LA
Eric Joseph Gaudet III
LAFAYETTE, LA
Shuw-Hwey Juang
LAFAYETTE, LA
Kyle Collin Smith
LAFAYETTE, LA
Joseph Clinton Strozik
LAFAYETTE, LA
Sean Allen Werner
LAFAYETTE, LA
Thomas Joseph Roddy
COVINGTON, LA
Steven Lee Davis
AMITE, LA
Rusty Andrew Desormeaux *
LAFAYETTE, LA
Nebojsa Sebastijanovic
LAKE CHARLES, LA
Kevin Patrick Rizzo *
LAFAYETTE, LA
Rusty Lynn Scheier
LAFAYETTE, LA
Jeremy Ryan Choate
ABBEVILLE, LA
John Edward English
BROUSSARD, LA
Burton Michael Keating *
BROUSSARD, LA
Clifton Anthony Oestricher III
CROWLEY, LA
Shannon Patrick Craig
LAKE CHARLES, LA
Thomas Lawrence Cousle, Jr.
LAKE CHARLES, LA
Lucien Paul Richard
LAKE CHARLES, LA
Cody Christopher Courville
LAKE CHARLES, LA
Jeffrey Lee Black
MANDEVILLE, LA

Suzanne Rene' Reeves
JENNINGS, LA
Brett Ashley Taft
SLIDELL, LA
Dawn Michelle Rodrigue *
NEW IBERIA, LA
Ryan Christopher Romero
NEW IBERIA, LA
Michelle Marie Robert
LAFAYETTE, LA
Adrian Paul Baudoin *
RAYNE, LA
Darius Ali Shad
LACOMBE, LA
Ryan Neil Romero
ST MARTINVILLE, LA
Allison Ann Ancona
INDEPENDENCE, LA
Patrick Joseph Berken
WELSH, LA
Leslie Randell Mouton
LAKE CHARLES, LA
Lee Perry Guidry, Jr.
LAKE CHARLES, LA
Travis Kane Hebert
LAKE CHARLES, LA
Per Eivind Hansen, Jr.
SLIDELL, LA
Amy Louise York
LAKE CHARLES, LA
Richard James Hoffpauir *
LAKE CHARLES, LA
Erica Nichole Pieper
NEW ORLEANS, LA
Christopher Richard Perryman
NEW ORLEANS, LA
Benjamin Beall Passyn
NEW ORLEANS, LA
Thomas Eraine Patrias
NEW ORLEANS, LA
Tobi Denice Heisler
NEW ORLEANS, LA
Ryan Scott Hansen
NEW ORLEANS, LA
Jasmine Michelle Hopkins
NEW ORLEANS, LA
Angela Marie Hura
NEW ORLEANS, LA
Patrick Joseph Ibert
NEW ORLEANS, LA
Adam Neal Koransky
NEW ORLEANS, LA
Brian Joseph Leitsch
NEW ORLEANS, LA
Keith Andrew Kliebert
NEW ORLEANS, LA
Beth Ann Killen
NEW ORLEANS, LA
Claudia Ann Kent
NEW ORLEANS, LA
Molly Ryan Charlton
NEW ORLEANS, LA
Derek Matthew Bergeron
NEW ORLEANS, LA
Amy Katherine Baker
NEW ORLEANS, LA
Robert Allen Geddie
NEW ORLEANS, LA
Kaye Alison Grant
NEW ORLEANS, LA
Jeromy Wade McDermont
NEW ORLEANS, LA

Eric Wayne Golightly
NEW ORLEANS, LA
Jeffrey James Arcement
HOUMA, LA
Mark Alan Freedman
NEW ORLEANS, LA
Angela Marie Delcarpio
NEW ORLEANS, LA
Monique Rene Prue
NEW ORLEANS, LA
Shawn Michael Kuntz
NEW ORLEANS, LA
Chien Binh Ly
NEW ORLEANS, LA
David Joseph Vossen
NEW ORLEANS, LA
John Forrest Sanders
NEW ORLEANS, LA
Merlin D. Robinson
NEW ORLEANS, LA
David Charles Weiser
JEFFERSON, LA
Joshua David Salkovitz
NEW ORLEANS, LA
Seth Daniel Rosenzweig
NEW ORLEANS, LA
Leif Arthur Deltelsen
NEW ORLEANS, LA
Muriel Patricia Bouzinac
NEW ORLEANS, LA
Cassandra Rachelle Brown
NEW ORLEANS, LA
Kannan Natarajan Tinnium
NEW ORLEANS, LA
Gretchen Kristine Tulkki
NEW ORLEANS, LA
David Lee Manaster
HARAHAN, LA
Michelle Jill Daneck
RIVER RIDGE, LA
Mark Jeremy Chustz
RIVER RIDGE, LA
Yi Wang
RIVER RIDGE, LA
Mary Elizabeth Wallace
NEW ORLEANS, LA
Heather Dawn White
NEW ORLEANS, LA
Sean Orlando Curtis, Sr.
NEW ORLEANS, LA
Tracey Leigh Williams
NEW ORLEANS, LA
Hieu Gia Dinh
NEW ORLEANS, LA
Ali Husni Chehab
NEW ORLEANS, LA
Boris Zalmanovich Moiseyev
NEW ORLEANS, LA
Neal James Cheramie, Jr.
NEW ORLEANS, LA
Mariano de Jesus Mata
NEW ORLEANS, LA
Yong Mo
NEW ORLEANS, LA
Julie Ann Lacaze
NEW ORLEANS, LA
Kurt Hamilton Meyer
NEW ORLEANS, LA
Gary Andrew Moore
NEW ORLEANS, LA

*Denotes LES member

LES/NSPE Membership Grades

With the 1999 dues billing coming up in September, the following membership grades are currently in effect. Please take a moment to review the member grade qualifications to ensure that your member grade is correct. If you think you may qualify for a different member grade, send your request in writing to the State Office. Please keep in mind that to affect membership dues billing for the 1999 billing, requests must be received by September 15, 1998.

Article IV - Membership

Section 5. A Member shall be defined as a person holding a valid license or certificate of registration as a professional engineer, issued under the laws of any state, territory, possession, or district of the United States.

Section 6. An Associate Member shall be defined as a person who is:

- A. A certified Engineer Intern; or
- B. A certified Land Surveyor Intern; or
- C. A graduate of an engineering curriculum or land surveying curriculum actively pursuing an engineering or land surveying career, or engaged in postgraduate engineering study. An Associate Member may remain in this classification until eligible for advancement by professional registration to Member or Surveyor Member grades, but not more than 12 years.

Section 7. A Student Member shall be defined as an undergraduate or graduate matriculate of a school or college of engineering or engineering related sciences. Upon graduation, the Student Member shall, if otherwise qualified, be transferred to the grade of Associate Member without application.

Section 8. A Surveyor Member shall be defined as a professional land surveyor licensed to practice in any state, territory, possession, or district of the United States.

Section 9. An Affiliate Member shall be defined as a person who, by scientific acquirement or practical experience, has attained a position in a special pursuit qualifying the member to cooperate with engineers in the advancement of professional engineering knowledge and practice, but who is not eligible to hold membership in another grade.

Section 10. A Privileged Member shall be defined as a person who fulfills all of the following conditions: The member shall have retired from active practice, shall have not less than five years membership in the Society, and shall make a written request for this grade of membership. The member will not need to furnish references or a sponsor. The member's privileges shall be the same as those obtained before becoming a Privileged Member. Any ex-member meeting these requirements may be reinstated in this grade upon written request, including an updated application form, without professional experience record references, or sponsor and with the payment of pro-rata dues.

Section 11. An Honorary Member shall be defined as an individual who has made special contributions to the objectives of the Society. An Honorary Member shall not have voting privileges, may not hold office, and shall be exempt from paying dues. An Honorary membership may be awarded by any Board member subject to the approval of the majority of the Board.

Section 12. A Life Member shall be a Member who has paid dues for a period of at least thirty-five years, other than as a Privileged or Student Member, and who has reached the age of sixty-five and shall by virtue of these facts be exempt from payment of further dues.

MOHR & ASSOCIATES, INC.

Consulting Civil Engineers & Land Surveyors

6025 Buncomb Road
Shreveport, Louisiana 71129
Telephone: 318/686-7190



JAMES D. MOHR
PROFESSIONAL ENGINEER
PROFESSIONAL LAND SURVEYOR



MONTGOMERY WATSON

3501 N. Causeway Blvd.
Suite 400
Metairie, LA 70002
Tel: 504-835-4252
Fax: 504-835-0009

7742 Office Park Blvd.
Bldg. C Suite 2
Baton Rouge, LA 70809
Tel: 504-926-3991
Fax: 504-926-4886

Serving the World's Environmental Needs



Parsons Brinckerhoff Quade & Douglas, Inc.

3801 Canal Street
Suite 225
New Orleans, LA 70119-6071
504-488-1158
Fax: 504-488-3202
mcdaniel@pbworld.com

PETROLEUM ENGINEERS INTERNATIONAL, INC.

Drilling Completion & Workover Programs
Office and Field Supervision
Property Management - Total Operations
Turnkey Operations
Reservoir Engineers
Industry Training Schools

P.O. Box 52588
Lafayette, Louisiana 70505 (318) 233-5346



PICCIOLA & ASSOCIATES, INC.

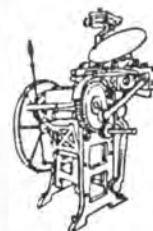
CIVIL ENGINEERS
LAND SURVEYORS

NAVAL ARCHITECTS
MARINE ENGINEERS

Marco J. Picciola, II, P.E., P.L.S.
President

P.O. Box 687
103 Picciola Parkway
Picciola Complex
Cut Off, Louisiana 70345

Phone: (504) 632-5786
Cellular: 691-1484
Fax: (504) 632-2407
E-Mail: picciola@cjunnet.com



PRINTING INCORPORATED

3018 PLANK ROAD (504) 357-5961
BATON ROUGE, LOUISIANA 70805



professional engineering consultants corporation

Consulting Engineers

1450 Seaboard Drive
Baton Rouge, La. 70810 (504) 769-2810

PRO-TECH
ENVIRONMENTAL
SUPPORT SERVICES

Scott M. Bergeron, P.E.
President

**PROFESSIONAL TECHNICAL
SUPPORT SERVICES, INC.**

P.O. Box 3414
Baton Rouge, LA 70821
Corp. (504) 293-0136
FAX (504) 293-0196

Atlanta • Houston • Jacksonville • Pittsburgh

gregory c. rigamer & associates, inc.
professional consulting services

3230 W. Esplanade, Suite A
Metairie, LA 70002 (504) 836-6166
Michael W. Flores, P.E., P.L.S.
André DeHaan, P.E.

PHOTOSCOPE

CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS • CONSULTANTS

Notary Public
Professional Engineer



Admitted in
Louisiana and
Mississippi

PERRY J. ROUSSEL, JR.
Attorney and Counselor at Law
1710 Cannes Drive
LaPlace, LA 70068

Roussel and Roussel
Located on Belle Terre Blvd.

FAX (504) 651-6592
Telephone (504) 651-6591

**SALMON &
ASSOCIATES, INC.**

Consulting Engineers serving the
Chemical, Petrochemical,
Petroleum and Metallurgical Industry



626 HIGHLANDIA
BATON ROUGE, LA 70810
(504) 752-7250

SJB GROUP
INCORPORATED

P.O. Box 1751
Baton Rouge, LA
70821-1751
(504) 769-3400
Fax (504) 769-3596
www.sjbgroup.com

SJB Engineering
SJB Industrial Services
SJB Land Surveying
SJB Information Solutions
SJB Workcorps

Gonzales, LA (504) 644-7900
Natchez, MS (601) 442-4040

Office Ph. (504) 868-1050
N.O. Ph. (504) 586-8222
Home Ph. (504) 872-6003
FAX Ph. (504) 868-5843

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS & SURVEYORS
LAND OFFSHORE HYDROGRAPHIC
ENVIRONMENTAL RESEARCH

412 South Van Ave
P.O. Box 2266
Houma, LA 70361

WM. CLIFFORD SMITH, P.E., L.S.
President

 **STE**
SOIL TESTING ENGINEERS, INC.

GEOTECHNICAL, ENVIRONMENTAL & MATERIALS
CONSULTANTS

316 HIGHLANDIA DRIVE
BATON ROUGE, LA 70810
(504) 752-4790
FAX 752-4878

4100 LOUISIANA AVENUE
LAKE CHARLES, LA 70605
(318) 474-1340
FAX 477-7702

Professional Engineers in Construction

by: Roger Melancon, P.E.

The NSPE and the practice divisions within NSPE are in the process of deciding what the best structure is for the Society. A Strategic Future Development Task Force was formed last year and presented a report at the National Meeting in Tulsa. It presented seven reorganization models to the Board. They are being reviewed now by an executive task force. The seven organizational models ranged from a very small, elite organization of Professional Engineers to a very large, open membership organization of anyone interested in engineering matters, even if they are not engineers.

The PEC division has been governed by a national board of governors and an executive committee. Each state society had a Governor on the Board. This Board of Governors voted at the national meeting on all matters pertaining to PEC. The PEC chairman would then vote the will of the PEC Board of Governors at the National Executive Board meeting. During the Tulsa meeting, a two year trial reorganization of PEC was approved. The governance of PEC was changed. There will no longer be a board of governors, only a PEC Executive Committee.

For a local or state PEC member to be reimbursed for attending the national meeting now, they must be a PEC project chairman or an active member of a project team. Of course all PEC members are encouraged to attend without reimbursement.

This change was seen as a way to get more local PEC members involved in projects. At the meeting in Tulsa a list of PEC projects were initiated. All PEC members are encouraged to suggest additional projects to be added to the list or volunteer to work on existing projects. If interested, you may call the LES State Office to obtain the list of projects.

LES 1999 Honors & Awards

LES will honor seven 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 October 16, 1998. The seven categories are:

1. A. B. Patterson 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

Now Available!!

Professional Engineer Income & Salary Survey 1998

The full report, Publication #0098 is available for \$60 to NSPE members and \$150 to non-members from the NSPE Orders Dept., 1420 King Street, Alexandria, VA 22314 or at <http://www.nspe.org>.

Office Space For Lease

8126 One Calais, Baton Rouge - 1700 sq.ft. newly renovated executive office space, all or part, janitorial services included. Call (504) 766-2028 or 767-7822.

© **BELLSOUTH** Mobility*

ATTENTION LES MEMBERS

New Service for Members!
Louisiana Engineering Society and
BellSouth Mobility
Team Up With A
Corporate Cellular Plan

FOR A LIMITED TIME ONLY

\$16.00/Month 30¢/Minute

HOW DO I SIGN UP?

For membership verification purposes you must contact **Nicole Blanco** or **Blane Brignac**, our BellSouth Mobility Representatives to be eligible for this offer.
Certain credit requirements and contract restrictions apply.

For Greater Baton Rouge area, please call **Nicole Blanco** at (504)978-1900.

For Ascension Parish area, please call **Blane Brignac** at (504)644-0599.

For Lafayette, Hammond, New Orleans and surrounding areas, please call either of the above.

- POSITIONS AVAILABLE -

URS GREINER WOODWARD-CLYDE, an international engineering and sciences consulting firm, has the following openings in its Baton Rouge, Louisiana office. We are seeking self-motivated professionals who enjoy working in a progressive team environment to assist in ongoing challenging consulting assignments.

Transportation Project Engineer. Qualified candidates will have a bachelor's degree in civil engineering, P.E. Registration in the state of Louisiana or the ability to obtain registration within six months. Must have 5-8 years' experience in traffic engineering. Task-oriented individuals with excellent communication and technical writing skills preferred. Project experience including PS&E development of ATMS, ATIS, DMS, HAR, and FMS or related systems is desired. **Job #113.**

Transportation Engineer. Successful candidates will have a bachelor's degree in civil engineering and EIT registration. Requires 1-4 years' experience in transportation engineering. Must work well within a team and have excellent communication and technical writing skills. Knowledge of communications systems and the National ITS Architecture a plus. Familiarity with PC Workstation Office Software, Transportation Planning Software, and TransCAD is desired. **Job #114.**

Mid-level/Senior Civil Engineer. We are seeking a Registered Professional Engineer with a bachelor's degree in civil engineering and a minimum of 5 years' experience in general civil engineering. Must have experience with Site Grading/Drainage Design, Light Structural Engineering, Resident/Construction Engineering; Plant/Industrial engineering desirable. **Job #109.**

Senior Staff Engineer. Candidates must have a bachelor's degree in civil engineering, EIT Registration, and 2 years' experience in general civil engineering. Experience in hydraulics/hydrology, drainage design, wastewater treatment, and civil/site work is desired. **Job #110.**

Woodward-Clyde offers competitive salaries and flexible benefits. Please send cover letter with job #, and resume to: **Woodward-Clyde, Attn: Linda Sharp, Job #** _____, 2822 O'Neal Lane, Baton Rouge, LA 70816 or fax to (504)756-5816. No phone calls, please. EOE M/F/D/V

SUMMIT CONSULTING GROUP, INC. ENERGY AND ELECTRIC UTILITY CONSULTANTS

- > industrial & Electric Utility planning
- > industrial plant energy cost reduction
- > engineering / economic decision analysis
- > management consulting
- > strategic business planning

Ben Claassen, Jr., P.E., PhD (504) 833-3932

TQM Systems®

Making Quality a Reality

12382 Mollylea Drive
Baton Rouge, LA 70815-6616
Phone: 504-273-4972 Fax: 504-273-4979

M.M. "Mickey" Christensen, P.E.
President IRCA Lead Auditor # A003773
RAB Lead Auditor # Q01741

W. Thomas Turner, P.E.
President & Chief Executive Officer

3867
Plaza Tower
Drive

Suite 240

Baton Rouge,
Louisiana
70816

Telephone
504-293-6700

Fax
504-293-6709



**TURNER &
ASSOCIATES, INC.**

Environmental Consultants & Engineers

DAVID
VOLKERT
& ASSOCIATES, INC.

Engineers • Architects • Planners

Patrick Wilson, P.E.
Vice President

3801 Canal Street • Suite 402
P.O. Box 791115
New Orleans, LA 70179-1115

(504) 486-6312
FAX (504) 486-6066

WALDEMAR S. NELSON AND COMPANY
INCORPORATED
ENGINEERS AND ARCHITECTS

1300 ST. CHARLES AVENUE
NEW ORLEANS, LA 70130



TELEPHONE: (504) 523-5281
FACSIMILE: (504) 523-4887
TELEX: 584351 NELSNG

COMPLETE ENGINEERING AND PROJECT MANAGEMENT SERVICES
50 YEARS OF EXPERIENCE SERVING INDUSTRY

- | | |
|---|--|
| ☐ SITE PLANNING / PERMITTING | ☐ MONITORING / MODELING |
| ☐ CHEMICAL / PROCESS / PETROLEUM | ☐ MECHANICAL |
| ☐ CIVIL / STRUCTURAL | ☐ PIPELINE |
| ☐ ELECTRICAL / ELECTRONIC | ☐ MINING |
| ☐ ENVIRONMENTAL / SANITARY | ☐ HVAC |
| ☐ INSTRUMENTATION / CONTROLS | ☐ ARCHITECTURE |
| ☐ CONSTRUCTION MANAGEMENT | ☐ ASBESTOS |



WALK HAYDEL

A DAMES & MOORE GROUP COMPANY

- Project Managers
- Construction Managers
- Engineers
- Environmental Consultants

600 Carondelet Street
New Orleans, LA 70130-3587
Tel: (504) 586-8111 Fax: (504) 522-0554

Water King
WATER CONDITIONING

James E. Bowie, Jr., Ph.D., P.E.
President

103 Charbonnet Road
Duson, LA 70529 U.S.A.

Phone 318 988-2360
Fax 318 981-7922



WINK, INCORPORATED

WINK ENGINEERING
W/E PROFESSIONAL SURVEYS
WINK ARCHITECTURAL
OCEANIC ENGINEERING

4949 Bullard Avenue Phone: 504/246-7924
New Orleans, LA 70128-3147 Fax: 504/246-8759
e-mail: wink@winkinc.com <http://www.winkinc.com>

URS Greiner Woodward-Clyde

Mike D. McDaniel, Ph.D.

Vice President
Operations Manager

URS Greiner Woodward-Clyde

2822 O'Neal Lane • Baton Rouge, Louisiana 70816
Telephone (504) 751 1873 • Facsimile (404) 753 3616
Internet: mdmcdan@wcc.com
Offices in Principle Cities Nationwide

ASSISTANT DIRECTOR OF ENGINEERING City of Slidell

Independent, professional level position,
Must have thorough understanding of all phases of
civil/municipal engineering, including project construction
management and project development and design.
Must have bachelor's degree in Civil Engineering
from an accredited four-year college/university.

MUST BE EIT REGISTERED.

Apply to: **City of Slidell,**
Civil Service Personnel Department,
2021 First St. Slidell, LA 74058
or call Joan Adduci (504) 646-4377
for information and application.

Starting salary \$31,366.00 plus excellent benefits.

The City of Slidell is an Equal Opportunity Employer.

8th Annual Louisiana Civil Engineering
CONFERENCE AND SHOW
Sponsored by ASCE & ACI
at the
Pontchartrain Center
Kenner, Louisiana

SEPTEMBER 17 & 18, 1998

MANAGEMENT/LEGAL
STUDENT PROGRAM
ENVIRONMENTAL
GEOTECHNICAL
STRUCTURAL
TRANSPORTATION
GENERAL CIVIL
CONSTRUCTION

EARN UP TO 12 PROFESSIONAL
DEVELOPMENT HOURS

FOR REGISTRATION INFORMATION
CONTACT MR. GUS CANTRELL
(504) 849-8120

SERVING DESIGN PROFESSIONALS IN PRIVATE PRACTICE

PROFESSIONAL LIABILITY INSURANCE

LOSS PREVENTION - RISK MANAGEMENT ASSISTANCE

INDUSTRIAL · PUBLIC WORKS
PETROCHEMICAL · COMMERCIAL
ENVIRONMENTAL · GOVERNMENTAL
AND MOST OTHER PROJECT TYPES

AS
INSURANCE
SPECIALISTS

SERVING LOUISIANA
ENGINEERS · ARCHITECTS · SURVEYORS
FOR OVER TWENTY-TWO YEARS

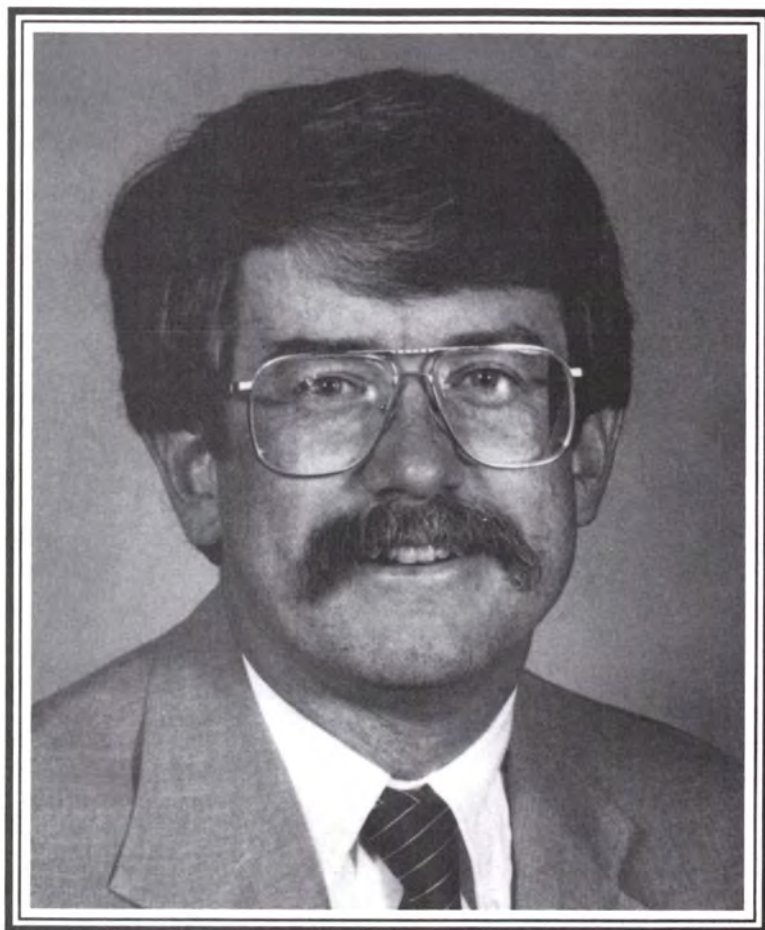
ALEXANDER & SANDERS
9613 BROOKLINE · BATON ROUGE · 70809
504/924-1371



THE SPEC SHEET

Warren J. Wilder • CEC/L Executive Director
Consulting Engineers Section

AUGUST, 1998



Consulting Engineers Council of Louisiana, Inc.
1998-99 President

DONALD W. CLAYTON, P.E.

1998-99 CEC/L Board of Governors



PRESIDENT
Donald W. Clayton, P.E.
Ballard & Associates, Inc.
Alexandria, La.



PRESIDENT ELECT
Russell J. Ponder, P.E.
Walk, Haydel & Associates, Inc.
New Orleans, La.



VICE PRESIDENT
Robert A. Basinger, P.E.
BBC Engineering, Inc.
Shreveport, La.



TREASURER
Joe H. Harman, P.E.
Professional Engineering
Consultants Corporation
Baton Rouge, La.



SECRETARY
Ann F. Trappey, P.E.
Forte and Tablada, Inc.
Baton Rouge, La.



NATIONAL DIRECTOR
F. Bren Kramer, Jr., P.E.
Kramer Engineering, Inc.
Baton Rouge, La.



MEMBER-AT-LARGE
Ronald L. Boutté, P.E.
John J. Guth Associates, Inc.
Shreveport, La.



MEMBER-AT-LARGE
Kenneth H. McLaughlin, P.E.
I.M.C. Consulting Engineers, Inc.
Metairie, La.



MEMBER-AT-LARGE
Gerald A. Dubroc, P.E.
Dubroc Engineering, Inc.
Lafayette, La.



MEMBER-AT-LARGE
Michael N. McGaugh, P.E.
ABMB Engineers, Inc.
Baton Rouge, La.



MEMBER-AT-LARGE
Foy B. Gadberry, P.E.
Lazenby & Associates, Inc.
West Monroe, La.



MEMBER-AT-LARGE
Vincent C. Provenza, P.E.
URS Greiner Woodward Clyde
Metairie, La.



MEMBER-AT-LARGE
Jay Breaux, P.E.
M&E Consulting, Inc.
Lafayette, La.



**BATON ROUGE CHAPTER
PRESIDENT**
Wilfred B. Barry, P.E.
SJB Group, Inc.
Baton Rouge, La.



**NEW ORLEANS CHAPTER
PRESIDENT**
Sam T. Burguières, Jr., P.E.
River Consulting, Inc.
Metairie, La.



ALEXANDRIA CHAPTER PRESIDENT
Tony DeMarco, P.E.
Meyer, Meyer, LaCroix & Hixson, Inc.
Alexandria, La.



LAFAYETTE CHAPTER PRESIDENT
David B. Stelly, P.E.
Poché Associates, Ltd.
Lafayette, La.



SHREVEPORT CHAPTER PRESIDENT
Kenneth V. Hill, P.E.
Aillet, Fenner, Jolly & McClelland, Inc.
Shreveport, La.

DONALD W. CLAYTON, P.E., was installed as 1998-1999 President of Consulting Engineers Council of Louisiana during ceremonies at the organization's recent annual meeting in Biloxi. He has served on the board in the various capacities of President-Elect, Vice President, Treasurer, and Secretary, two years as a Member-at-Large, and three years as the Alexandria Chapter President. He is President of Ballard & Associates, Inc., an Alexandria, Louisiana consulting firm providing professional services in Civil, Structural, and Environmental Engineering; Architecture; Surveying; and Laboratory Analysis. He holds registrations in Georgia, Louisiana, Mississippi and Texas. Clayton was graduated from Georgia Tech in 1973 with a Bachelor of Science degree in Civil Engineering. He is a member of the Louisiana Engineering Society, the National Society of Professional Engineers, the Central Louisiana Chamber of Commerce, and the Alexandria Rotary Club. He is married to the former Kathryn Byrd, and they have two sons.

RUSSELL J. PONDER, P.E., has been elevated to the office of President-Elect of Consulting Engineers Council of Louisiana. He has previously served on the Board of Governors as Vice President, Treasurer, Secretary, and Member-at-Large. He has also served as the New Orleans Chapter Secretary and then as its Vice President. Licensed to practice in Louisiana and Arizona, Ponder is a 1970 graduate of Louisiana Tech University with a Bachelor of Science degree in Civil Engineering. He began his career as a construction engineer with Gulf Oil Co. - Alliance Refinery. He has been with Walk, Haydel & Associates, Inc., New Orleans, for the past 22 years, currently as Senior Project Manager. He has held other positions as Design Engineer, Project Engineer, Department Head - Civil Engineering, and Director, Architectural Division. The New Orleans based Walk, Haydel & Associates is a multi-disciplined engineering/architectural and Project Management firm serving industrial, commercial, institutional clients and government with branch offices in Baton Rouge, Lake Charles, Mobile, Alabama and Little Rock, Arkansas. He holds memberships in the Louisiana Engineering Society, National Society of Professional Engineers, and the American Society of Civil Engineers. A single parent, Ponder has four grown sons - Chris, Scott, Jamie, and Ryan - and two grandchildren.

ROBERT A. BASINGER, P.E., has been elected Vice President of Consulting Engineers Council of Louisiana, having served on the Board of Governors as Treasurer this past year. He previously served as Secretary, four years as a Member-at-Large and two years as the Shreveport Chapter president. He is President/Co-owner of BBC Engineering, Inc., a Shreveport firm providing civil engineering services, land planning and land surveying. Basinger has been in private practice as a principal since 1975. He was graduated from Louisiana Tech University in 1970 with a Bachelor of Science degree in Civil Engineering. His wife of 29 years, the former Marcia Dolin, is also a Louisiana Tech graduate, as are their two sons. Their daughter begins her college days at Louisiana Tech this fall. Basinger is registered to practice engineering in both Louisiana and Texas. He is a Professional Land Surveyor licensed in the State of Louisiana. He is a member of the American Society of Civil Engineers, the Louisiana Engineering Society and the Louisiana Tech Alumni Association. He is also a member of the Shreveport Chamber of Commerce and the Bossier Chamber of Commerce. Basinger and his wife are active members of Springs of Grace Baptist Church in Shreveport. They have been the host family for the past two years for a ministerial student. Basinger serves as a deacon and is Chairman of the Board of Trustees of his church. His main goal as Vice President of CEC/L is to see increased membership so that the organization can more effectively serve and safeguard the business of consulting engineer.

JOE H. HARMAN, P.E. has been elected to serve on the CEC/L Board of Governors as Treasurer. Last year he served as Secretary

after serving a two-year stint as Member-at-Large. He received a Bachelor of Engineering degree from Vanderbilt University in 1965 and a Master of Science degree in Environmental and Water Resources from Vanderbilt University Graduate School in 1972. Professionally licensed in the states of Louisiana, Tennessee, Alabama, and Mississippi, Harman is Executive Vice President of Professional Engineers Consultants Corporation, Baton Rouge, a consulting engineering firm specializing in civil engineering (municipal, structural, sanitary drainage, flood control, highways, bridges), electrical engineering and surveying. He also holds membership and is active in the American Society of Civil Engineers, the Society of American Military Engineers, Water Environment Federation, the American Water Works Association, and the National Society of Professional Engineers. He is currently serving on the Environmental Committee of the American Consulting Engineers Council. Harman is married to the former Alice Elaine Turner, and they have three children.

ANN F. TRAPPEY, P.E. will serve on the CEC/L Board of Governors as Secretary, having served last year as Member-at-Large, and three years ago as Baton Rouge Chapter President. She is Chief Executive Officer and President of Forte and Tablada, Inc., Consulting Engineers, Baton Rouge, a multi-discipline firm offering electrical, environmental, civil, mechanical and structural engineering services. Trappey is a registered Civil Engineer in Louisiana and Mississippi, and a registered Environmental Engineer in Louisiana. She is an active member of the Louisiana Chemical Industry Alliance, Society of American Military Engineers, American Society of Civil Engineers, Louisiana Engineering Society and currently serves as Secretary of the Louisiana Engineering Foundation. In 1994, Trappey was awarded the Outstanding Young Engineer in the Baton Rouge area. The next year, Trappey was honored by the Baton Rouge Business Report by being named in its "Class of Top 40 Under 40" for her contributions to the profession and her community. Two years ago she received the Alumni Order of Omega Award, an award by the LSU Greek Organizations given to a fraternity alumni chosen from all Greek organizations on LSU's campus for a woman who has displayed outstanding community service, service to her fraternity and service to LSU. She is a member of the Baton Rouge Junior League, Baton Rouge Rotary Club and Community Fund for the Arts, serving as the 1996 Engineering Committee Chairperson. She also serves on the YMCA Metropolitan Board of Directors and is a member of the Board of Directors of the Audubon Girl Scout Council. Since 1993, she has served as Director of the St. Aloysius Parish School of Religious Elementary. She and her husband, Fred Trappey, have two children, Francois (13) and Elise (11).

F. BREN KRAMER, JR., P.E., immediate Past President of CEC/L, will serve another year on the Board of Governors as the Council's National Director, representing the organization at all voting sessions of the American Consulting Engineers Council. He has served as President-Elect, Vice President, Secretary, Treasurer, Member-at-Large, and Baton Rouge Chapter President. Kramer is a graduate of Louisiana State University with a Bachelor of Science and a Master of Science degree in Electrical Engineering. He is licensed to practice engineering in Louisiana, Mississippi, Texas, and Maryland. He is President of Kramer Engineering, Inc., a Baton Rouge, Louisiana firm providing consulting engineering services and project management. Prior to forming his present firm, he was co-owner of Levy-Kramer & Associates, and he has been in private engineering practice since 1967. Kramer is a member of the Louisiana Engineering Society and Tau Beta Pi. He is a member of the Rotary Club of Baton Rouge, and he serves as a director of Gables Academy of Baton Rouge, The Gables Foundation, and the Evelyn Daniel Education Foundation. He is married to the former Susan Curtis.

RONALD L. BOUTTE, P.E., has been re-elected to a third term representing the Shreveport area as a Member-at-Large, having

served on the Board of Governors several years ago as Shreveport Chapter President. He is Vice President of John J. Guth Associates, Inc., a consulting firm offering services in mechanical and electrical engineering for air conditioning, heating, ventilating, refrigerating, plumbing, fire protection, solar energy, energy conservation, and process piping, electrical and communication systems for commercial, industrial, institutional, municipal and military projects. He was graduated from Louisiana Tech with a Bachelor of Science degree in Electrical Engineering in 1963 and is licensed to practice in Louisiana. Boutte' is a member of the Louisiana Engineering Society, National Society of Professional Engineers, American Society of Heating, Refrigerating and Air Conditioning Engineers, Society of American Military Engineers, and the Society of Fire Protection Engineers. He is Past President of the Shreveport Chapter of the Louisiana Engineering Society; Past President of the Board of Directors, Volunteers of America, Shreveport Branch; a member of the Board of Directors, Goodwill Industries, North Louisiana; a member of Rotary Club of Shreveport, and a past member of the City of Shreveport Electrical Board. He is married to the former Susan E. Savoy, and they have two daughters.

KENNETH H. McLAUGHLIN, P.E., was re-elected to serve on the CEC/L Board of Governors as Member-at-Large, representing the New Orleans/Metairie area. A registered professional electrical engineer in Louisiana, he is president of I.M.C. Consulting Engineers, Inc., a Metairie, La. consulting engineering firm offering electrical and mechanical engineering services for all types of commercial, industrial, institutional and governmental facilities. McLaughlin served as Member-at-Large on this organization's board in 1990-1991 and several years before that, as New Orleans Chapter President. He was graduated from Louisiana State University in 1973 with a Bachelor of Science degree in Electrical Engineering. He is a member of the Louisiana Engineering Society, IEEE, and the Illuminating Engineering Society. He and his wife, the former Mary Sue Stipe, have two children.

GERALD A. DUBROC, P.E., was elected to serve a third term as CEC/L Member-at-Large, representing the Lafayette area. He is Founder and President of Dubroc Engineering, Inc., Consulting Engineers and Land Surveyors, Lafayette, Louisiana, a consulting firm offering services in Civil and Environmental Engineering and Land Surveying. Projects have included construction and rehabilitation of urban arterial streets and bridges; rural highways; major drainage, sewer collection and water distribution systems; subdivision and apartment developments, as well as numerous property surveys. Dubroc received his Bachelor of Science degree in Civil Engineering in 1960 from the University of Southwestern Louisiana and is licensed to practice engineering in Louisiana and Mississippi, and Land Surveying in Louisiana. He is a member of the USL Foundation, serving as a Trustee, former board member of the USL Alumni Association, Lafayette Chamber of Commerce, American Society of Civil Engineers, Louisiana Engineering Society, National Society of Professional Engineers, and the Louisiana Society of Professional Surveyors. He is also active in the American Consulting Engineers Council, LeTriomphe Country Club, Honor Member of the USL Chapter of Chi Epsilon, Tau Beta Pi, and Phi Kappa Phi. Dubroc is married to the former Diane Ducote, and they have six children and eight grandchildren.

MICHAEL N. McGAUGH, P.E., has been elected to serve on the CEC/L Board of Governors as Member-at-Large. Since 1985, McGaugh has been a principal with ABMB Engineers, Inc., Baton Rouge, with duties that include project management, structural design and supervision of office administration. As a Project Manager, McGaugh has been vigorous in the completion of major bridge design projects and bridge inspections for structural ratings for the Louisiana Department of Transportation and Development and drainage and structural projects for the Corps of Engineers. He

began his professional career with Howard, Needles, Tammen & Bergendoff of Baton Rouge as a Structural Engineer and Operations Manager. During this tenure, he was involved in bridge design projects including major interchanges, stream crossings, and railroad bridges. He served as project coordinator for bridge design review of eleven miles of urban and two hundred miles of rural Interstate 49. He is also a member of the Louisiana Engineering Society, the Society of American Military Engineers, and the Chi Epsilon Honorary Civil Engineering Society. McGaugh is active in his community having served as President of the University Acres Civic Association in 1987-1988; is a member of the First Presbyterian Church; and is currently serving on the Board of Directors of the LSU Museum of Art. He received the Charles M. Kerr Public Relations Award in 1992 from the Louisiana Engineering Society for his work on the Math Initiative Program for the Baton Rouge Chapter of LES. This program brings practicing engineers into 5th grade classrooms in public and private schools across the parish to demonstrate basic engineering fundamentals through "hands-on" lesson plans. McGaugh is still active in this program and various other activities related to math and science education. He received a Bachelor of Science degree in Civil Engineering from Louisiana Tech University and his Masters in Business Administration from Louisiana State University. He is a registered professional engineer in Louisiana, Arkansas and Mississippi. He is married to the former Jane Moore of Kokomo, Indiana, and they have twin boys.

FOY B. GADBERRY, P.E., has been elected to serve the Council as a Member-at-Large, representing the Monroe-West Monroe area. He is Vice President of Lazenby & Associates, Inc., a West Monroe, Louisiana consulting firm offering civil engineering and land surveying services. A registered professional engineer in Louisiana, Arkansas, Texas and Mississippi, Gadberry was graduated from Louisiana Tech University in 1977 with a Bachelor of Arts degree in Architecture and, in 1979, a Bachelor of Science degree in Civil Engineering. He is a member of the West Monroe Chamber of Commerce (serving on the Economic Development Committee), the West Monroe Civitans, the Northeast Louisiana Homebuilders Association where he is serving as Secretary, and a Board Member of the Dixie Youth Baseball of West Monroe. He is also an active member of the American Society of Civil Engineers, the Louisiana Engineering Society, and the National Society of Professional Engineers. Gadberry is married to the former Teresa Gaar, and they have a 16-year-old daughter, LeeAnn, and a 12-year-old son, Drew.

VINCENT C. PROVENZA, P.E., has been elected to serve on the CEC/L Board of Governors as Member-at-Large, representing the New Orleans/Metairie area. He is Vice President and Manager of the Louisiana, Mississippi and Arkansas offices of URS Greiner Woodward Clyde, a national firm offering services in computer applications, construction management, environmental, geotechnical, general municipal engineering, hazardous waste resolution, hydrogeology, and hydrology. A registered professional engineer in Louisiana and Texas, Provenza is a 1971 graduate of Tulane University with a Bachelor of Science degree in Chemical Engineering. He has served on the CEC/L Board of Governors in the Member-at-Large position and as President of the New Orleans Chapter several years ago. Professional society affiliations include the Water Environment Federation, Louisiana Engineering Society, High Speed Rail/Maglev Association, Louisiana Chemical Industrial Alliance, and the American Defense Preparedness Association. He has served as CEC/L's representative on the Industrial Advisory Joint Committee. He is an active member of The Audubon Institute, New Orleans Museum of Art, Louisiana Wildlife Federation, and Friends of City Park. He is married to the former Sheila Tubre, and they have two children, Kristen and Kerri.

JAY BREAU, P.E., has been elected to serve on the CEC/L Board of Governors as Member-at-Large, representing the Lafayette area. He is a founding principal in M & E Consulting, Inc., a Lafayette mechanical and electrical consulting engineering firm. He received a Bachelor of Science degree in Mechanical Engineering from the University of Southwestern University where he was a member of Tau Beta Pi and National Honor Society for Mechanical Engineers. He graduated with honors (Cum laude). A licensed professional engineer in Louisiana, Texas, Mississippi, Alabama, Tennessee and Georgia, he is a member of the American Society of Heating, Refrigerating and Air Conditioning Engineers (past chairman of programs), Louisiana Engineering Society, Society of Fire Protection Engineers and a professional affiliate member of AIA-Louisiana (Louisiana Architects Association). He is an asbestos project designer, certified by the State of Louisiana. Breaux is approved by the U.S. Department of Energy as a Technical Analyst to perform technical assistance studies associated with the Institutional Conservation Program, and has been involved with numerous Energy Conservation Measures (ECMs). He has extensive experience in HVAC, plumbing and fire protection, design for hospital, educational and commercial applications. Breaux has designed numerous HVAC central plants, including installations of new facilities and retrofit projects to upgrade and modernize existing facilities. He has conducted many studies to evaluate the operations of existing central plants, as well as to determine the economic feasibility of central plants for campuses with numerous individual equipment rooms. He has developed numerous preventive maintenance programs for schools and public facilities. Breaux is a member of Kiwanis of Acadiana (past Treasurer and past Member of the Board of Directors), and has been active in assisting with the Mathcounts program on the local and state levels. He has been active in judging numerous events over several years for the local Science Olympiad and has been instructor for several lecture sessions for USL Seniors in the air conditioning and refrigeration course. He is a member of the plumbing board for Lafayette Parish Consolidated Government Code Authority (formerly Metro Code Authority). A member of St. John's Cathedral, he is married to the former Susan Joseph, and they have two daughters, Jamie and Lauren.

WILFRED B. BARRY, P.E., will serve on the CEC/L Board of Governors this year, having been elected Baton Rouge Chapter President by his peers. He is President of the SJB Group, Inc., a Baton Rouge based consulting engineering firm offering consulting services for land and infrastructure development including roads, utilities, wastewater and water, pipelines, above and below ground tanks and structures for commercial, municipal, state, federal and industrial clients. Registered in the State of Louisiana, Barry is a 1974 graduate of Louisiana State University with a Bachelor of Science degree in Civil Engineering. He is an active member of the Louisiana Engineering Society (LES), National Society of Professional Engineers, American Congress on Surveying and Mapping, Louisiana Society of Professional Surveyors, and the American Water Works Association. He is active in the Baton Rouge Rotary Club. As a member of LES, he has served several terms as State Legislative Committee chairman, served as Secretary, Vice President and President for the LES Baton Rouge Chapter. In the PEPP practice division of LES, Barry has served as Secretary, Vice President and President of LES-PEPP, and has actively participated on numerous LES state and Baton Rouge Chapter committees. He is the recipient of the LES Charles M. Kerr Public Relations Award. He is also a member of the Baton Rouge Chamber of Commerce and many local charitable organizations. He currently serves on the Board of Directors for the Safety and Occupational Health Council. Barry is an avid golfer, and in his own words, "...but the scores don't show it."

SAM T. BURGUIERES, JR., P.E., was recently elected President of the New Orleans Chapter of Consulting Engineers Council of Louisiana after serving last year as Vice President. He was graduated from Tulane University with a Bachelor of Science degree in Civil Engineering in 1970, and from The University of Texas at Austin with a Master of Science degree in Civil Engineering in 1974. Licensed to practice engineering in Louisiana, Burguiere is a member of the Louisiana Engineering Society, National Society of Professional Engineers, American Society of Civil Engineers, American Concrete Institute, and AISC. He has extensive experience in bridge, commercial, and industrial structure design. He is currently Vice President of Technical Operations for River Consulting, Inc. in Metairie, Louisiana, a full service consulting engineering and construction management firm specializing in the planning, design, and construction of dry bulk handling terminals and marine facilities. Burguiere is married to the former Antoinette Hill and has three children: Sarah, Anne, and Sam, III.

TONY DeMARCO, P.E., will serve on the CEC/L Board of Governors this year, having been elected President of the Alexandria Chapter. He is Chief Operating Officer of Meyer, Meyer, LaCroix & Hixson, Inc., a national firm satellite office offering a full range of consulting engineering and land surveying services for municipal, governmental, and private clients. He was graduated from Louisiana Tech University in 1979 with a Bachelor of Science degree in Civil Engineering. A Louisiana registered professional engineer, DeMarco is an active member of the Louisiana Engineering Society, National Society of Professional Engineers, and the Society of American Military Engineers (receiving that organization's Presidents Award). He is also a member of Chi Epsilon, National Civil Engineering Honor Society. He is married to the former Dajuana Arceneaux, and they have two children and two grandchildren.

DAVID B. STELLY, P.E., has been re-elected to a second term as Lafayette Chapter President and will serve on the CEC/L Board of Governors in that capacity. He is principal electrical engineer in the Lafayette office of Poche' Associates, Ltd., a consulting engineering firm which provides services in energy management and electrical and mechanical engineering for private and public residential, commercial, educational, institutional and industrial buildings and complexes. A Louisiana registered professional engineer, Stelly was graduated from the University of Southwestern Louisiana with a Bachelor of Science degree in Electrical Engineering in 1989. He is a member of the Louisiana Engineering Society, National Society of Professional Engineers, Institute of Electrical and Electronics Engineers, the Illuminating Engineering Society of North America, and AEE. He and his wife, the former Janet Daniel, have two children, Nicole and Seth.

KENNETH V. HILL, P.E., has been re-elected Shreveport Chapter President and will represent that Chapter on the CEC/L Board of Governors. He was graduated from Louisiana Tech University, Ruston, La., with a Bachelor of Science degree in Civil Engineering in 1963 and a Master of Science degree in Civil Engineering in 1965. A registered professional engineer and surveyor in Louisiana and Texas, Hill is Department Head and Treasurer of Aillet, Fenner, Jolly & McClelland, Inc., a Shreveport consulting engineering firm offering services in Civil and Structural Engineering. He served two terms as President and three terms as Secretary of the Shreveport Post of the Society of American Military Engineers. He served two terms as Secretary of the Shreveport Chapter of the Construction Specification Institute. Hill is a member of the Louisiana Engineering Society, the Board of Directors, Bossier Chamber of Commerce, and Bossier City Building Code of Appeals. He is a member of the First United Methodist Church, Bossier City. He and his wife, the former Patricia Almond, have three children.



MESSAGE FROM THE CHAIRMAN...

Jorge M. Ferrer, P.E.

I sincerely appreciate the opportunity and privilege to serve as Chairman of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors (LSBRPELS). This year (1998), LSBRPELS celebrates the 90th anniversary of Louisiana's first registration act for engineers and land surveyors. As I look forward to working with each of you in the coming year, I would like to emphasize again the accomplishments and very hard work that the Board has done for its licensees and the public in the last few years. Working together, the Board Members, Staff, and Executive Secretary have been successful in solving the problems and barriers faced by the LSBRPELS, to me, this is shared leadership through sincere cooperation and true teamwork, and its continuation can create a more exciting and rewarding future for engineers and land surveyors. I have been struck by the continuity of this teamwork, although its membership is always in transition; Board members have six years term, transition in the Executive Secretary slot and turnover in the Board Staff due to relocating the Board office from New Orleans to Baton Rouge. Truly remarkable effort! In my opinion, the events of the last few years are related to a series of items such as: our Board and licensees operate in a global economy which translate into global engineering/land surveying and increased mobility of engineers and land surveyors; sweeping changes in the areas of trade and commerce; our economy moving away from a produce based competitive environment to an information based com-

petitive environment (from the industrial age to the service age); many engineering fields/disciplines today are quite different from those which have traditionally and historically operated under the licensing law/statutes.

During the coming year we will work very hard with the licensees in the area of Continuing Professional Development. This rule is very liberal and we do not foresee any major problem(s) in compliance and implementation. Also on the agenda is the relocation of the Board office to the Louisiana Engineering Center and completion of the computer technology/data processing system upgrade. Also, to continue a close working relationship in matters of mutual concern with the State Fire Marshall's Office, as well as, the need for improved mobility for practicing engineers and land surveyors. Also, statute revisions and "Housekeeping" items will be presented to the State Legislature in 1999. On a more personal note, I would like to continue the meetings with the engineering students across the state, specifically senior students, on the benefits of licensure.

As always, we appreciate the help of good relations with the technical and professional societies.

I look forward to a great year, and hope it will be a very successful year for all of you. As your Chairman, I would like to give back to a state that has given me so much by working hard to promote the professions of engineering and land surveying while protecting the health, safety, and welfare of the public.

Board Members

Jorge M. Ferrer, PE
Chairman

Merlin A. Pistorius, PE/PLS
Vice Chairman

Allison J.P. Launey, PE
Secretary

Jerry G. Lazenby, PE/PLS
Secretary/Treasurer

Charles G. Coyle, PE/PLS

Lawrence Mann, Jr., PE

Frank L. Messinger, III, PLS

Vernon F. Meyer, PE/PLS

Bobby E. Price, PE

Richard M. Primeaux, PE/PLS

Richard E. Ruckstuhl, PE/PLS

Board Staff

H. Glen Kent, Jr., PLS
Executive Secretary

Michael B. Boudreaux, PE
Deputy Executive Secretary

Benjamin S. Harrison
Director of Enforcement

Board Web Site

As we reported in the last newsletter, the Board's site on the World Wide Web (WWW) is now operational. The address (URL) of the home page is "<http://www.lapels.com>" and we are attempting to provide the most current and useful information to the registrants.

The information currently available includes:

- Listing of active individuals and firms
- Contacts at the Board
- Law and Rules of the Board
- Information about Seals/Stamps and firm applications
- Fee Schedule
- Examination Schedule
- Proposed CPD Requirements

Presently, we are connected to the Internet with a standard 28.8 bps dial-in connection through a local Internet Service Provider. Consequently, you will find the connection rather slow if you are loading one of the files listing registrants. Eventually, we hope to use our own Web server which would provide much faster connections and allow us to provide queries for registrants.



EXAMINATION SCHEDULE

Examination	Examination Date	Application Postmark Deadline Date
Principles & Practice of Engineering (8 hr):		
Civil (including Structural and Sanitary), Chemical, Electrical, Environmental, and Mechanical	10/30/98	08/03/98
	04/23/99	01/25/99
	10/29/99	08/03/98
Agricultural, Control Systems, Industrial, Metallurgical, Mining, Nuclear, and Petroleum	10/30/98	08/03/98
	10/29/99	08/02/99
	10/27/00	07/31/00
Principles & Practice of Land Surveying (6 hr)	10/30/98	05/04/98
	04/23/99	10/26/98
	10/29/99	05/03/99
LA Laws & Procedures of Land Surveying (2 hr)	10/30/98	05/04/98
	04/23/99	10/26/98
	10/29/99	05/03/99
Fundamentals of Land Surveying (8 hr)	10/31/98	05/04/98
	04/24/99	10/26/98
	10/30/99	05/03/99
Fundamentals of Engineering (8 hr)	10/31/98	08/03/98
	04/24/99	01/25/99
	10/30/99	08/02/99

CPD Update

On April 20, 1998 the Notice of Intent for Continuing Professional Development was published in the Louisiana Register. Comments were requested with a receipt date of not later than May 27th. The Notice of Intent also scheduled two public hearings. The first public hearing was scheduled for May 26 at the Louisiana Tech campus in Ruston. The second public hearing was scheduled for May 27 at the conference room at the Department of Environmental Quality in Baton Rouge.

The first public hearing was attended by 14 persons; six board members and two members of the Board staff. Only five people made comments, with one expressing total support of the proposed rules and four expressing various concerns. The second public hearing was attended by 34 persons; four board members; and two members of the staff. Only 11 people made comments, with one expressing total support of the proposed rules and 10 expressing various concerns.

Seventy-two comments were received by May 27. Of these comments, three were in total support with the remainder

expressing various concerns. Nine of the comments received were from persons who also appeared and made comments at one of the public hearings. It should be clearly noted that the total number of comments timely received by the board account for approximately 1/4 of 1% of the total professional registrants of the board.

Currently the Continuing Professional Development Committee is reviewing these comments to determine if revisions to the proposed rules should be made. It is anticipated that a final report will be made by the Continuing Professional Development Committee to the Board at the September board meeting. If the report is received and final action taken by the Board at the September meeting, then the second report to the legislative oversight committees will be made in October. If the Board receives favorable oversight review, then the anticipated date for publication in the Louisiana Register as a final rule will be in November 1998.



Board Enforcement and Disciplinary Actions

by Benjamin S. Harrison
Director of Enforcement

During the period of May 1996 to June 1998 the enforcement section of the Board initiated and closed more than 250 enforcement files. These files related to a multitude of allegations such as minimum standards for property boundary surveys, unlicensed practice of engineering and land surveying, sealing violations, professional conduct, work not done under the complete direction and control of a registrant, improper advertising, improper solicitation, felony conviction, etc. As is normal, we closed a number of these enforcement files because there was either no violation or insufficient evidence to support a violation. In keeping with the Board policy of seeking voluntary compliance, many minor matters were able to be resolved without formal action. However, there were also a number of matters which were resolved by disciplinary action through either a formal hearing or a Consent Order settlement. Summarized below are 19 matters resolved by disciplinary action through either a formal hearing or a Consent Order.

1. Formal charges were filed by the Board on January 21, 1997, against Marvin Thompson, P.E. alleging that Thompson signed and sealed plans that were not prepared under his personal supervision and complete direction and control. The charges were heard on June 3, 1997, and all charges against Thompson except one were sustained. The Board ordered that Thompson pay a fine of \$750.00 and costs of \$750.00 for the proceedings. In addition, Thompson was required to take and pass the open book Law and Rules Examination of the Board.
2. By letter dated February 4, 1997, the Board gave notice to a registered professional engineer of its preferral of charges against him as a result of a complaint. Investigation of the complaint produced evidence indicating that the engineer may have violated Louisiana Revised Statute 37:698(A)(6), to-wit LAC TITLE 46:LXI, Board Rules 1701 and 2103 in that the engineer reviewed, sealed and signed plans that did not appear to have been prepared under his complete direction and control or personal supervision, the engineer's title block was not placed on any of the plans at issue, the engineer did not sign the plans in question, the engineer did not place on the plans the date he sealed them and he had no contact with the client. In lieu of a formal disciplinary hearing, the engineer entered into a settlement of the preferred charges by a Consent Order wherein the engineer agreed to disciplinary action by the Board as follows: (1) fine of \$1,000.00 with \$500.00 suspended based upon no additional violations in the next twelve-month period, (2) successful completion of the open book Law and Rules Examination of the Board within thirty (30) days of the signing of this Order, and (3) a summary of this matter to be printed in the official Board newsletter without identifying the engineer.
3. On February 28, 1997, an unlicensed person executed a Cease and Desist Affidavit acknowledging that he had unintentionally violated the Louisiana engineering registration statutes by utilizing letterhead, envelopes, and business cards that contained the word "engineer" when he was not registered as a professional engineer in Louisiana. The person voluntarily affirmed that he had terminated use of any letterhead, envelope or business card containing the word "engineer" and would not violate the Louisiana engineering registration law in the future.
4. In April 1997, the Board received an informal complaint from a Louisiana professional engineer regarding a Louisiana contractor, who was utilizing a seal that contained the contractor's name, contractor's license number, and the words "registered structural consultant". The seal appeared very similar to a professional engineer's seal and without close examination could have been mistaken for a professional engineer's seal. The Board filed a complaint with the Consumer Protection Division of the Louisiana Attorney General alleging that utilization of the stamp could be very confusing to the public and lead them to believe that the contractor may be a professional engineer with some special knowledge of structural engineering. The Louisiana Attorney General forwarded the complaint to the State Contractor's Licensing Board which took action to terminate the usage of the misleading seal by the contractor.
5. On May 7, 1997, a Louisiana professional engineer was disciplined by a licensing board in another state for a matter that is also recognized as a violation of the law in Louisiana. Louisiana Revised Statute 37:698(A)(7) authorizes the Board to take action against a registrant of the Board who has been disciplined in another state for a matter recognized as a violation of the statutes or rules governing the practice of engineering or land surveying in Louisiana. In lieu of a formal disciplinary hearing the professional engineer entered into a Consent Order settlement wherein he agreed to the following disciplinary action: (1) a letter of reprimand, and (2) successful completion of the Louisiana Law and Rules Examination within thirty (30) days of the signing of the Consent Order.
6. The Board received complaints in May and June 1997 alleging that Rodney Russell Elrod had been surveying in Franklin Parish and the surrounding areas for a number of years, all without licensure. Investigation of the complaint produced information indicating that Elrod may have violated Louisiana Revised Statutes 37:681 and 37:700, to wit engaging in the unlicensed practice of land surveying. In lieu of a formal hearing, Elrod entered into a Consent Order settlement agreeing to the issuance of an Order by the Board wherein Elrod agreed to immediately terminate any and all practice of land surveying, agreed to a fine of \$1,500.00 which was suspended in its entirety contingent upon no further acts of land surveying by him and agreed to the publishing of a summary of the details of this proceeding by name in the Board's official newsletter.
7. On June 24, 1997, the Board received sworn charges pursuant to Louisiana Revised Statute 37:699(A)(2) against Elder L. Reddoch, III, P.L.S. from an Assistant District Attorney of Calcasieu Parish on behalf of the Calcasieu Parish Police Jury alleging that Reddoch violated the provisions of Louisiana Revised Statute 37:698(A)(2) and 37:698(A)(5) including but without limitation, LAC TITLE 46:LXI, Section 2103(C), in that he certified incorrect elevation certificates for 14 lots and residences in Nashville Estates, Lake Charles, LA. The investigation produced evidence

supporting in part the allegations made by Mailhes in her sworn affidavit of complaint. In lieu of a formal disciplinary hearing, Reddoch entered into a Consent Order settlement with the Board in June 1998 wherein he agreed to accept disciplinary action by the Board as follows: (1) fine of \$1,000.00 payable within fifteen (15) days of his signing of a Consent Order, (2) suspension of Reddoch's license as a professional land surveyor for one (1) year with said suspension being stayed based upon payment of the above fine, and upon no additional violations of the Board's law and rules during the suspension period, and (3) publishing of a summary of this matter in the official journal of the Board identifying Reddoch by name.

8. The Board received information on or about June 26, 1997 that the Texas State Board of Registration for Professional Engineers on January 8, 1997 had (1) suspended Mark C. Minick's certificate of registration as a professional engineer in Texas for a period of one (1) year with the final six months being probated and (2) required Minick to provide a monthly summary of his engineering activities in Texas during the six month probated period of suspension. Therefore, on July 31, 1997 the Board filed a Notice of Charges, preferring charges against Minick based upon a violation of Louisiana Revised Statute 37:698(A)(7). In lieu of a formal disciplinary hearing, Minick and the Board entered into a Consent Order, in which Minick consented to the issuance of an Order by the Board wherein he was (1) reprimanded and (2) agreed to successfully complete the open book Louisiana Law and Rules Examination within thirty (30) days of the signing of a Consent Order.
9. On July 22, 1997, the Board preferred charges against Ray G. Bussman, based upon his Florida registration being disciplined. In lieu of a formal disciplinary hearing Bussman entered into a Consent Order settlement of this matter wherein he agreed to the following action by the Board: (1) a public reprimand and a summary of this matter to be printed in the official newsletter of the Board, identifying Bussman by name, (2) probation until December 11, 1998, (3) successful completion of the open book Registration Law and Rules examination within thirty (30) days of the signing of the Consent Order, and (4) submission of a quarterly report to the Board during probation detailing the location and extent of engineering work performed in Louisiana during the previous quarter.
10. On July 22, 1997, the Board preferred charges against Charles H. Peterson, Jr., P.E. based upon disciplinary action by the Florida Board against his professional engineers' registration in Florida. In lieu of a formal disciplinary hearing, Peterson entered into a Consent Order settlement of this matter wherein he agreed to the following action by the Louisiana Board: (1) Public reprimand with a summary of the matter being printed by name in the official newsletter of the Board; (2) probation until February 22, 1999; (3) completion of the open book Registration Law and Rules Examination within thirty (30) days of the signing of a Consent Order; and (4) submission of a quarterly report to the Board during probation detailing the location and extent of all engineering work performed in Louisiana during the previous quarter.
11. On July 22, 1997, the Board preferred charges against Marion B. Tankersly, P.E., based upon disciplinary action against his California professional engineering registration by the California Board of Registration. In lieu of a formal disciplinary hearing, the registrant entered into a Consent Order settlement of this matter wherein he agreed to the following action by the Louisiana Board: (1) probation of his Louisiana professional engineering registration for three (3) years; (2) public reprimand with a summary of

this matter being printed in the official newsletter of the Board identifying Tankersly by name; and (3) completion of the Board's open book Law and Rules Examination within thirty (30) days of his signing of the Consent Order.

12. By letter dated July 31, 1997, the Board gave notice to a registered professional engineer of its preferral of charges against him as a result of a complaint. Investigation of the complaint produced evidence indicating that the professional engineer may have violated Louisiana Revised Statute 37:698(A)(6), to wit LAC TITLE 46:LXI, Board Rules 1701 and 2103 in that on one project the engineer failed to sign and date the plans and also sealed mechanical and electrical plan sheets not prepared under his complete direction and control or personal supervision. On a second project, the engineer failed to sign and date his plans. Further, the professional engineer's title block was not placed on any of the plans at issue, and he had no contact with the clients in either project. In lieu of a formal disciplinary hearing the professional engineer entered into a Consent Order agreeing to the following disciplinary action: (1) the issuance of an Order by the Board, wherein the professional engineer was fined \$300.00 in costs, (2) agreeing to complete the open book Law and Rules Examination of the Board within thirty (30) days of the execution of this document, (3) agreeing to successfully complete an ethics course in the next six months, and (4) agreeing to the Board's publishing details of this action in the official journal of the Board without identification by name of the professional engineer or projects involved.
13. By letter dated July 31, 1997, the Board preferred charges against a Louisiana registered professional engineer as a result of a complaint. Investigation of the complaint produced evidence indicating that the registrant was guilty of gross negligence and gross incompetence in violation of Louisiana Revised Statute 37:698 (A)(2) in connection with engineering drawing he sealed and signed for the air conditioning (HVAC), electrical and plumbing systems for two projects in Louisiana, and further that he was guilty of violating Louisiana Revised Statute 37:698(A)(6), including but without limitation, LAC TITLE 46:LXI 1701, 2103, and 2107, in regard to one project and 1701, 2103, and 2105 in regard to another project, all due to the professional engineer's sealing of plans 1) not prepared by or under his personal supervision or complete direction and control and/or 2) involving work not within the engineer's area of competence and/or 3) involving work that created a conflict of interest between the professional engineer's municipal employer and his private practice. In lieu of a formal disciplinary hearing, the professional engineer entered into a Consent Order consenting to the issuance of an Order by the Board, wherein the professional engineer agreed to the following: (1) he will not provide any engineering service in connection with electrical, heating or air conditioning (HVAC) or plumbing systems for buildings, (2) he will not provide any civil engineering or architectural service, such as design, inspection, consultation, planning or investigation, in regard to buildings which require the understanding and application of life safety codes and/or the Americans with Disabilities Act- Accessibility Guidelines and/or which are required to be submitted for permit approval through the Office of the State Fire Marshal, (3) he may provide civil engineering services, such as design, inspection, consultation, planning or investigation, in regard to foundations of buildings, construction of private homes or dwellings, and other aspects of civil engineering not specifically prohibited in other parts of the Consent Order, if competent to do so by education or experience, (4) he admits that the design of plans for both projects were not done under his personal supervision and com-

- plete direction and control as required in LAC TITLE 46:LXI, 1701 and 2103(C)(3) and he agreed to abide by all rules of the Board and all statutes governing the practice of engineering, (5) he agreed to testify and fully cooperate with the Board as requested should the Board decide to pursue charges against any unlicensed persons or firms for the unlicensed practice of engineering, and (6) he agreed that a summary of this matter will be printed in the official journal of the Board, without identification of himself or the projects or locations by name.
14. On August 14, 1997, the North Carolina State Board of Registration for Professional Engineers took disciplinary action against a Louisiana professional engineer wherein it suspended his certificate of registration for one (1) year for affixing his seal to inadequate design documents, failing to sign and date plans, and affixing his seal to work not done under his direct supervisory control or responsible charge. In lieu of a formal disciplinary hearing, the professional engineer entered into a Consent Order with the Louisiana Board in which the professional engineer consented to a suspension of his Louisiana registration until August 14, 1998 with reinstatement of his registration on that date being conditioned upon: (1) receipt of proper notification that he has been reinstated by the North Carolina Board, and (2) the professional engineers's successful completion of the Louisiana Law and Rules Examination prior to August 14, 1998.
 15. On September 23, 1997, the Board preferred charges pursuant to Louisiana Revised Statute 37:700(C) against Dean Hotard, Architect alleging that Hotard practiced land surveying in that he prepared and sealed with his professional architect's seal a plat of survey showing the relocation of a property boundary line between two lots, all without benefit of registration with the Board. In lieu of a formal hearing, Hotard entered into a Consent Order of his own free will, consenting to the issuance of an Order by the Board wherein Hotard agreed to (1) immediately terminate any and all practice of land surveying; (2) pay a fine of \$750.00; (3) publishing of a summary of this matter in the official journal of the Board, identifying Hotard by name; (4) official notification of this matter by the Board to the Architectural Examiners Board; and (5) pay for a survey of the property line in question by a licensed professional land surveyor.
 16. The Board received a sworn, formal complaint against a registered professional land surveyor on November 20, 1997. The formal complaint alleged that the professional land surveyor had violated the provisions of Louisiana Revised Statute 37:698(A)(2) and 37:698(A)(6) including but without limitation LAC TITLE 46:LXI, & 1701(2) and 2103(C), Rules for Professional Engineers and Land Surveyors, in that he was allegedly requested to perform a survey and write a property description for property which the complainants planned upon purchasing. The professional land surveyor allegedly did not perform a complete survey of the property, identified inaccurate lines and corners, prepared a property description that was not sealed, signed or dated and which initially contained an error and provided the complainants a drawing labeled as a sketch which complainants thought was inadequate for what they had requested. Investigation of the complaint produced evidence indicating that the professional land surveyor may have violated Louisiana Revised Statutes 37:698(A)(6), to wit LAC TITLE 46:LXI, Sections 1701(2), 2103(C) and 2507 in the preparation of the property description and in attempting to address the services requested by the complainants. In lieu of a formal disciplinary hearing, the professional land surveyor entered into a Consent Order of his own free will, and consented to the issuance of an Order by the Board wherein he agreed to (1) completion of a boundary survey and the providing of a completed plat of survey to the complainants and the Board, (2) a fine of \$500.00, with the fine being waived upon receipt of a notice of attendance at a Louisiana Minimum Standards seminar within six (6) months of signing the Consent Order, and (3) publishing a summary of this matter without name in the Board's official publication.
 17. By letter dated March 9, 1998 the Board gave preliminary notice to Ernest Furby, P.E., P.L.S. of its intent to prefer charges against him as a result of a complaint. Investigation of the complaint produced evidence indicating that Furby may have violated Louisiana Revised Statutes 37:698(A)(6), to wit LAC TITLE 46:LXI, Sections 1701 (4), (5), (6) and 2103(C)(1) and (3) in that Furby reviewed, sealed and signed plans that were not prepared under his direct control and supervision. In lieu of a formal disciplinary hearing, Furby entered into a Consent Order settlement in this matter agreeing to the following disciplinary action: (1) a fine of \$500.00, (2) successful completion of the Law and Rules Examination of the Board within thirty (30) days of the execution of the Consent Order, (3) suspension of registration as a professional engineer for one year, with execution of same being stayed based upon payment of the fine, successful completion of the Law and Rules exam within thirty (30) days of the execution of this Order and successful completion of probation for one year with no additional violations, and (4) a summary of this matter to be printed in the official journal of the Board, identifying Furby by name and reported to NCEES.
 18. In March 1998 the Board and Samuel A. Greenberg, P.E. stipulated that Greenberg was disciplined by another state licensing board for a matter that is also recognized as a violation of the law in Louisiana. In lieu of a formal disciplinary hearing, Greenberg entered into a Consent Order, in which he consented to the placing of his Louisiana registration on probation until April 18, 1999 providing that by the date he had shown proof of compliance with all parts of the Florida Settlement Agreement and successful completion of the Louisiana Law and Rules Examination within thirty (30) days of the signing of the Order.
 19. By letter dated April 9, 1998 the Board gave notice to a registered professional engineer of its intent to prefer charges against him as a result of a complaint. Investigation of the complaint produced evidence indicating that the engineer may have violated Louisiana Revised Statutes 37:698(A)(6), to wit LAC TITLE 46:LXI, Sections 1701 and 2103 in that the professional engineer signed and dated plans which were incomplete and which may not have been prepared under his complete direction and control or personal supervision. Further, the professional engineer's title block was not placed on any of the plan sheets at issue, and the engineer apparently had no contact with the client of the project. In lieu of a formal disciplinary hearing, the professional engineering entered into a Consent Order wherein he agreed to cease and desist from any further violations and to complete the open book Law and Rules Examination within thirty (30) days of the signing of the Order.

1997 Louisiana Examination Results

(Total LA Examinees/LA Pass %/National Pass %)

<u>Examination</u>	<u>Apr. 1997</u>	<u>Oct. 1997</u>
Professional Engineering		
Principles & Practice		
Chemical	27/59/51	23/39/38
Civil	70/76/66	93/49/38
Electrical	33/52/40	37/62/31
Environmental	7/86/55	11/64/67
Mechanical	64/25/27	72/64/48
Agricultural	-----	0/--/59
Control Systems	-----	5/60/65
Industrial	-----	4/25/34
Metallurgical	-----	1/0/48
Mining	-----	0/--/49
Nuclear	-----	1/0/38
Petroleum	-----	13/85/75
Fundamentals		
All Examinees	376/71/73	442/73/64
Students Only	311/73/78	351/77/71
Professional Land Surveying		
Principles & Practice	13/62/63	7/29/52
Louisiana Laws	32/34/--	25/64/--
Fundamentals	5/80/56	3/67/53

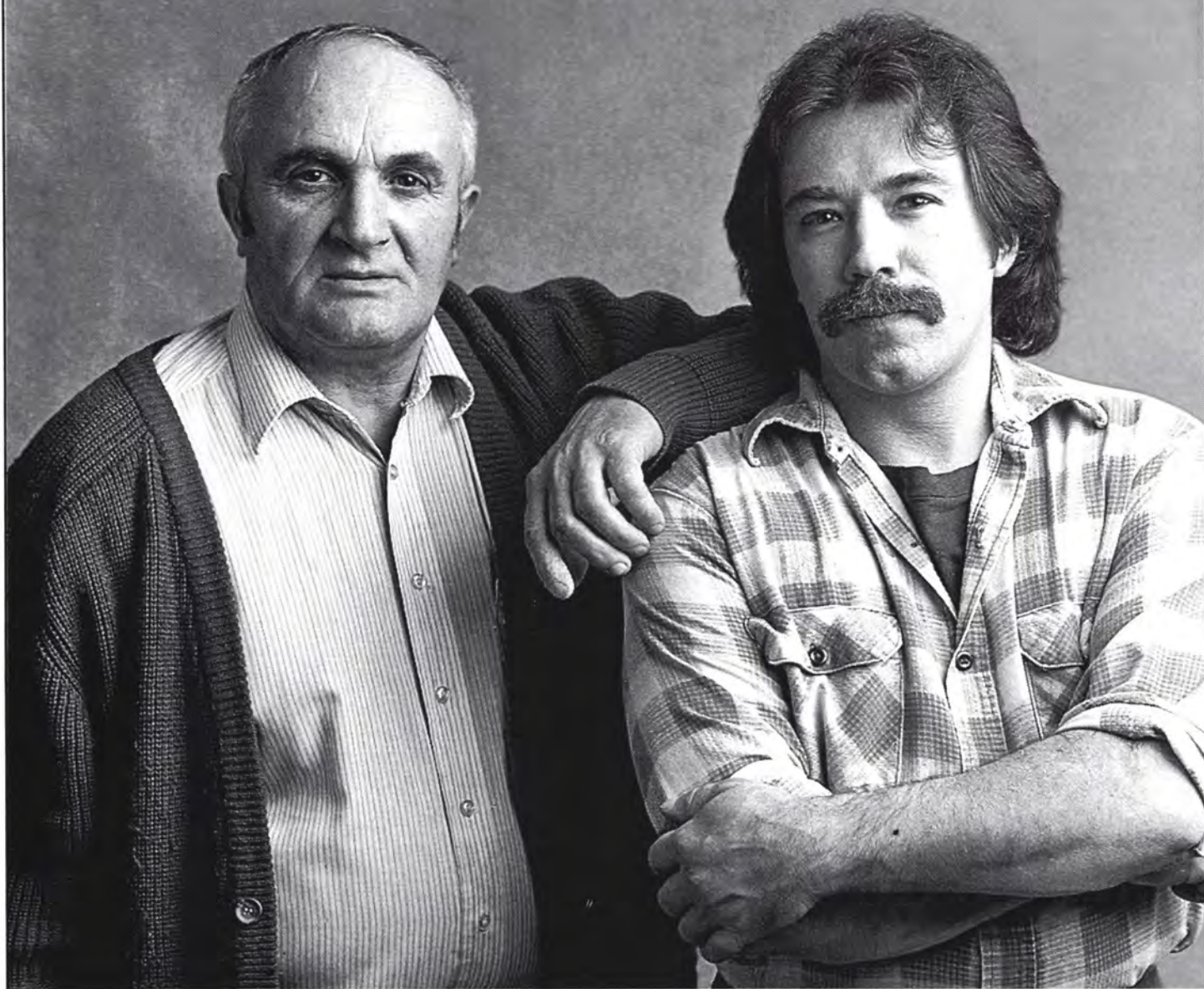
In Memoriam

James L. Meyer, P.E., P.L.S.

The Board and staff would like to honor the memory of one of its previous board members. James L. Meyer, P.E., P.L.S. was appointed to the Louisiana State Board of Registration for Professional Engineers and Land Surveyors in August 1976. During his nine-year tenure, he served as secretary, vice chairman and chairman, respectively, of the Board. He represented the Board on the Accreditation Board for Engineering and Technology accreditation visits to three universities and made "career day" presentations at high schools to promote the profession of engineering. Mr. Meyer appeared before legislative committees to present the Board's view on proposed amendments to the engineering registration laws, and he encouraged senior engineering students to seek registration. He served on the Council's Records Verification Committee for four years and on the Uniform Examinations and Qualifications for Professional Engineers Committee for three years. Mr. Meyer was also a recipient of the NCEES Distinguished Service Award.

Our deepest sympathy to his wife Joy, daughter Mary and son Carter.

We came back to Leica



I built my business with a WILD T2. Today, my son's growing it with Leica's TPS 100 Series.

Nothing could compare with my WILD T2. Reliable and accurate, with those incredible Swiss optics. I could always count on that instrument. In fact, I built my business with it.

But times change. Technology moves ahead. Today, WILD is Leica. And my son's running the show. And, though we've tried other instruments over the years, we both agree that today's Leica instruments are better than ever. Faster.



Easier to use. Accurate and reliable—even in the toughest working conditions. And with a low price our business can afford.

My son does things his way, but every now and then, he still listens to the old man. And we still count on Leica. In fact, he's growing the business with it. *For more details, call Leica today at 800-367-9453.*

Leica

MADE TO MEASURE

Lee Drennan • Leica Geosystems Inc. • 314 Ormond Village Drive • Destrehan, LA 70047 • 504-764-3800

L'ARPENTEUR LOUISIANE

This section is the official publication of the LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS,
An Affiliate of the American Congress on Surveying and Mapping, and the National Society of Professional Surveyors
LSPS • 6141 Parkforest Drive, Baton Rouge, LA 70816 • Phone (225) 752-5955 • Fax (225) 752-7623
E-mail: lspd@cmq.com • Website: www.communique.net/~lspd

115 Years Past

By: Melvin L. Harrison, LSPS President

HOW LONG . . . has it been since you proved a government section corner?

HAVE YOU . . . ever had the opportunity to prove one of these corners?

HAVE WE . . . as Professional Surveyors lost touch with our forefathers, the Surveyors who subdivided the nation in the late 1800's?

These are some of the issues discussed at District Meetings when surveyors and their peers share information. Today most of our seminars and conferences are about GPS, GIS, and how accurate we can measure a distance or angle. We should still be aware of how close the monument is set to reference the original corner.

In years past, while working for Barrett Gremillion, my crew would spend days trying to reset a single section corner. When the approximate location of the corner was set by chaining in from other proven corners, the difficult work would begin. An area approximately one hundred feet square was cleared of all underbrush. Then, all stumps and depressions were located. The bearing trees listed in the Government Land Office notes were used to reset the corner. We would try to match the bearings shown in the notes for each stump located. Very seldom would we find all four bearing trees of a section corner in place. Two or three trees were more the norm for the corners we could prove. On several occasions we were unable to find any evidence on bearing trees and would set the corner by other methods.

North, bet Secs. 17 & 18 Over hilly ground

- 13.50 a branch 5 lks. wide runs N.E.
- 22.50 a branch 10 lks. wide runs E.
- 38.0 a road E. & W.
- 39.76 Set pine knot 3 ft. long, 4 ins.
Square, 12 ins. in ground for ¼
Sec. Cor. from which a Pine 36
ins. di. bears N. 59°30'W. 27
lks. dist. Marks ¼ SB7
A Pine 32 ins. di. bears N.
77°W. 8 lks. dist. Marks ¼ SB7
- 61.50 a branch 15 lks. wide runs N.E.
- 62.50 a creek 60 lks. wide runs E.
leave hills to hammock
- 65.0 cross same creek 3rd time 60
lks. wide runs N.E.
- 79.53 Set pine knot 3 ft. long, 4 ins.
square, 2ft. in ground with 4
notches on S. & 5 notches on E
edges for cor. To Secs. 7, 8, 18,
17 from which a Beech 5 ins.
di. bears S. 19°E. 31 lks. dist.
(See Pictures A1 & 2)
Marks 75N R8W S17 B7
A Sweet Gum 6 ins. di. bears S. 58°30'W
18 lks. dist. Marks 75N R8W S18 B7.
A White Oak 9 ins. di. bears N. 51°W. 26
lks. dist. Marks 75N R8W S7 B7.
A Pine 6 ins. di. bears N. 65°30'E. 48 lks.
dist. Marks 75N R8W S8 B7.
Land — hilly
Soil — Sandy — 3rd rate
Timber — heavy timbered with pine.
May 11, 1883



(A1) The original Beech bearing tree with the Pine in the background.



(A2) Three of the original bearing trees and monument Beech, Sweet Gum, & White Oak.



Louisiana Society of Professional Surveyors

**N.89°45'E. on random line bet. Secs. 8
& 17 over undulating hammock**

- 3.0 Bayou Kisatchie 70 lks. wide,
runs N.W. (See Picture B)
- 8.0 Leave hammock N.E. & S. W.
to hills
- 40.0 Set temp. ¼ Sec. Post
- 53.50 a road N.E. & S.W.
- 71.50 a road N.W. & S.E.
- 80.20 Intersect N. & S. line 45 lks. S.
of cor. To Secs. 8, 9, 16, & 17
Thence I run S. 89°25'W. on
true line bet. Secs. 8 & 18
- 40.10 Set pine knot 3 ft. long. 4 ins.
square, 12 ins. in ground for ¼
Sec. Cor.

Everyone should recognize this last paragraph of the above reading as being Government Land Office Notes. The notes are from the fieldwork performed by George K. Bradford, on May 11, 1883. Notice the description for the bearing trees of the southwest corner of Section 8, T5N-R8W. These trees are still standing and are in very good condition. Yes, all four bearing trees marked May 11, 1883, are still alive!

While attending one of our district meetings the discussion of government bearing trees came up. We were talking about how many stumps we have found while proving section corners. One person even mentioned an original tree still standing. Mr. A.J. Brouillette, a well known and respected surveyor from Natchitoches, spoke up to say he had knowledge of the location of four original bearing trees still standing. In disbelief and very excited, I had to know the location. I went to Mr. Brouillette's office to plead for this historical location. He pointed out the location on a quad map and shared a story he had heard about George Bradford originally being a doctor who received payment by chickens and cows from his patients, but joined the surveying profession where he was paid cash for his services to the government.

Soon after this, I drove to the site approximately three miles west of the town of Kisatchie, in Natchitoches Parish. I pulled off of a gravel road next to Kisatchie Bayou. I then followed the curving banks of the bayou in a southwesterly direction for approximately ¼ mile, which led me to the corner. The monument was a brass cap in concrete, reset by Mr. A.J. Brouillette (Reg. #186) on November 2, 1964. The bearing trees around the monument were marked with a red painted band and location tags. I measured each tree in amazement knowing their historical significance. The bearings and measurements as found on July 14, 1998, are listed below.

These bearing trees are just a few of the historical marks our fellow surveyors left for us to retrace their footprints. We need to make very effort to preserve this evidence for our future surveyors.

28" Beech bears S17°13'E - 31.5 links
14" Sweet Gum bears S58°30'W - 17.6 links
30" White Oak bears N52°25'W - 27.0 links
28" Pine bears N65°30'E - 47.2 links



(B) The location George K. Bradford crossed Kisatchie Bayou.



My tour guide, Christine Harrison.



Mr. A.J. Brouillette showing me the location of the corner.

Our Fall Technical Session is close approaching. Come join us in Baton Rouge for Mr. Dennis Mouland's workshop on "Government Lotted Sections." ■

SUMMARY OF BOARD MEETING MINUTES

The LSPS Board of Directors met at Holiday Inn in Bossier City, on May 14, 1998.

Minutes were recorded by Debra G. Bagley, LSPS Administrative Secretary.

Mike Mayeux presented the Minutes from the April 3, 1998, meeting. John French requested a change under the District 4 Report-remove "Jr." from his name. John French made a motion to accept the Minutes with this change, second by John Jordan. Minutes were approved.

PRESIDENT'S REPORT

President Mel Harrison offered the district chairmen the opportunity to serve as chairman of a committee. He has assigned the following Committee Chairmen: Johnny Robichaux, 1999 Convention Committee; Ernie Gammon, Liaison Committee; Steve Estopinal, Legislative Committee; Charles Coyle, Business Practices Committee; John Mattingly, Newsletter Committee; Wayne Hebert, Combined Newsletter Committee; Gerald Wright, Certified Survey Technician Committee; Steve Estopinal, Professional Practices Committee, and; Walt Ballard, Planning Committee.

Walt Ballard addressed the Board regarding the Planning Committee. This committee is going to work on planning seminars one to two years in advance. Their goal is to be able to promote the seminars well in advance, to both LSPS members and non-members.

President Harrison presented a handout of possible topics for the LSPS Fall Technical Session. He asked the Board to review this information and plan to discuss at the August Board Meeting.

NEW BUSINESS

1998/99 Proposed Budget

Mike Mayeux presented a proposed budget that had been prepared by the LSPS Finance Committee. Upon review of the report, Tony Cavell made a motion to accept the proposed budget, second by Wayne Hebert-motion approved.

Member Applications

Mike Mayeux presented the following applications for approval; Garner Kyle Morales, Associate Member from District 6, and Gordan M. Naquin, Registered Member from District 4. A reinstatement application was presented for Don Charles Ross, Associate Member from District 3. Mike Mayeux made a motion to accept the applications, second by John French-all applications were approved.

OLD BUSINESS

Combined Newsletter

Mike Mayeux asked for clarification of the printing expenses and advertising income for the combined newsletter. Wayne Hebert gave an overview of the details of this project. He advised that the Combined Newsletter Committee will meet with LES again to clarify the discrepancy between the written report and the verbal report presented at the April 3rd LSPS meeting.

The next LSPS Board meeting will be August 7, 1998. Meeting adjourned. ■

Don't Lose Your Way



**SURVEY MARKERS
MONUMENTS
REBAR CAPS
PIPE CAPS
BENCH MARKS
& ACCESSORIES**

FOR CATALOG CALL
(520) 882-7363 or 1-800-323-4578
OR WRITE:

MARK-IT®
SURVEY MARKERS & MONUMENTS

A Division of Desert Engineering Group, Inc.
3162 E. 46th Street, Tucson, Arizona, 85713

The ALTA/ACSM Survey Standards were developed to provide consistency and certainty to the survey requirements of title companies and lending institutions. It took many years for these standards to evolve and become reasonable to all parties involved. ALTA/ACSM Surveys are now widely accepted. However, in my experience and in conversations with my colleagues it is apparent that a new trend is developing and it is not good.

Our clients (title companies, lenders, mortgage companies or individuals) request a proposal for an ALTA Survey. We submit the proposal, get the job, prepare the drawing and deliver the survey to the myriad parties involved. A week or so later a lengthy fax arrives containing the insulting comments of the various parties involved delineating what additional items "must" be shown on the survey. Of course these items were not mentioned in the original request for proposal and invariably refer to matters that are outside the expertise of the land surveyor. Also included is a completely unreasonable certification statement that "must" be put on the survey over and above the standard ALTA certification language.

I regrettably and predictably offer the obvious explanation that the reason for this is "the lawyers." They do not want to be responsible for the liability of reviewing and interpreting the documents that they have been charged with overseeing. They have managed to retain their fat fees and have cleverly transferred the liability to the other parties involved in the matter. They insist that the surveyor

certify that such things as intricate zoning matters and approved site development criteria have been met. Additionally you are now an expert at knowing what lies below the surface of the ground even though there is no above ground evidence of it.

We all have horrible examples of matters that we have been asked to certify to. Unfortunately, many of you are actually certifying to some of these unreasonable requests. **Do not do it.** It takes a great deal of effort but you can convince the parties asking for your certification that the matter is not something that you can determine or that it is outside your area of expertise. If we present a unified front and refuse to certify to these matters we can get back to the business of surveying.

As seen in **Benchmarks**, The Official Publication of New Mexico Professional Surveyors, March 1998, Volume 12 - Number 2.

Support the LSPS Education Foundation!

By: Wayne Hebert

As a member of LSPS, we should all be proud of our efforts to provide and support scholarships. The Board of Directors continues to ask all members to consider their support for the scholarship program supported by LSPS. The scholarship is based on a formula that reflects the interest earned in the Education Foundation and the average of three years income for that foundation. The need for scholarships is so great and our ability to support this program is hindered if WE as members do not increase our efforts of support for the Education Foundation. In visiting with neighboring states, I found fund-raisers such as Bar-B-Q's and raffles to earn money dedicated to their Education Foundation. Maybe it is time that our districts consider something similar. ■



Helping
Clients
Map Their
Futures For
Nearly
50 Years.

Surveying • Mapping • Environmental Consulting • Information Graphics

GPS Surveys
Oil & Gas Well Locations
Computerized Base Maps
GIS/LIS Services
Environmental Consulting
MMS Services

Land or Water • Pipelines/Facilities • Regulatory Specialists • Utilization

C. H. Fenstermaker & Associates, Inc.

Civil Engineers • Environmental Consultants • Land Surveyors

Corporate Headquarters
135 Regency Square
Post Office Box 52106
Lafayette, Louisiana 70505
318.237.2200 Phone
318.232.3299 Fax

email: info@cfenstermaker.com
www: http://www.fenstermaker.com

New Orleans Office
1100 Poydras, Suite 1550
Post Office Box 57089
New Orleans, LA 70157-7089
504.582.2201 Phone
504.582.2210 Fax

DATES TO REMEMBER . . .

September 24, 1998

Fall Technical Session "Lotted Sections Workshop"
By Mr. Dennis J. Mouland.

Seminar to be held at the Radisson Hotel & Conference Center, 4728 Constitution Avenue, Baton Rouge, Louisiana
8 CPD hours.

March 5, 1999

Spring Seminar "State Lands and Waterbottoms"
By Mr. H. Glen Kent.
Seminar to be held in Monroe, Louisiana

Call LSPS for further details (225) 752-5955

MicroSurvey Software grew over 400% in 1997

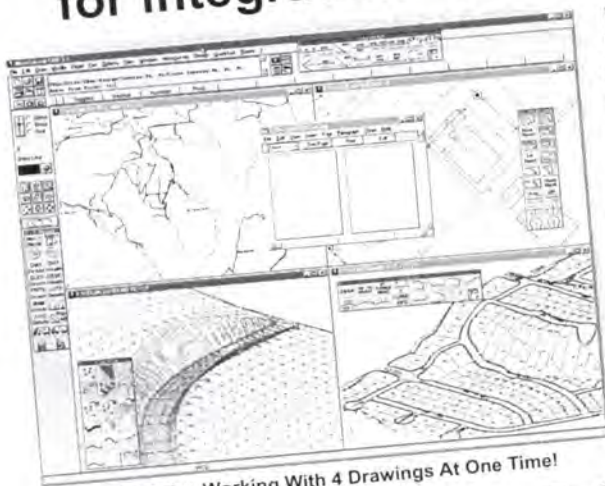
Why? Because we delivered MicroSurvey CAD Professional Edition, an all-in-one CAD, COGO, DTM, design, and mapping software solution that sells for a fraction of an AutoCAD or MicroStation based alternative. What do we do for an encore?

We set a new standard
for integration with



New in Version 3.1

- ✓ Even Better CAD, COGO, DTM, and Design Integration
- ✓ Direct Read/Write of AutoCAD DWG/DXF Files Up To R14
- ✓ Direct Support For All Common AutoCAD Commands
- ✓ Smart Lines/Curves With Multiple Options When Picked
- ✓ Interactive Graphic Data Editing With Object Grouping
- ✓ Coordinate Transformation Library With 600+ Datums
- ✓ New Printing And Reporting With Real-Time Log File
- ✓ Enhanced AutoMap For Field-To-Finish Symbol Mapping
- ✓ Enhanced On-Line Help With Lotus ScreenCam Movies
- ✓ Legal Description Writer Directly From Selected Objects
- ✓ Automated Right-Of-Ways Program With Areas
- ✓ MicroSurvey Assistant Simplifies Program Operation
- ✓ ...and Much More for Under \$2,000!



MS-CAD Pro Working With 4 Drawings At One Time!

MS-CAD Pro™ Version 3.1

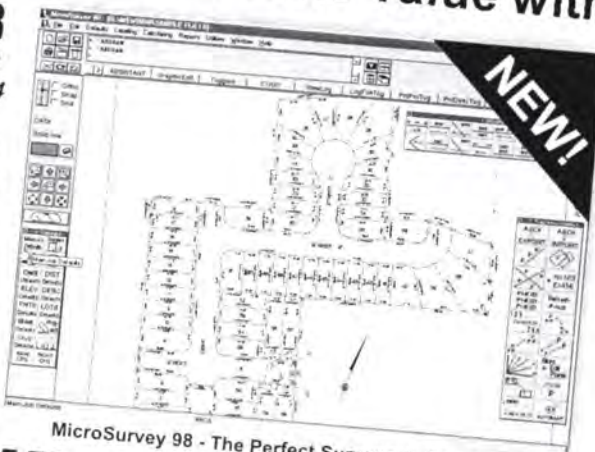


- ✓ Complete Surveyor's COGO With Traverse Management
- ✓ Direct Read/Write of AutoCAD DWG/DXF Files Up To R14
- ✓ Direct Data Collector Interfacing For All Popular Makes
- ✓ Special Field Coding For Automated Line Work Creation
- ✓ Enhanced AutoMap For Field-To-Finish Symbol Mapping
- ✓ Interactive Graphic Data Editing With Object Grouping
- ✓ Coordinate Transformation Library With 600+ Datums
- ✓ Extensive On-Line Help With ScreenCam Tutorials
- ✓ Legal Description Writer Directly From Selected Objects
- ✓ Automated Right-Of-Ways Program With Areas
- ✓ Automated Subdivision and Street Design
- ✓ Optimized For Windows 95/98 and NT
- ✓ Priced At Just \$695!

MicroSurvey 98



And redefine value with



NEW!

MicroSurvey 98 - The Perfect Surveyor's Companion

MicroSurvey 98™ For Windows

The Critics Corner

"...the learning curve for any AutoCAD user is practically zero...MS is noticeably faster than AutoCAD R14...what will sell MS besides the AutoCAD compatibility is the intuitively designed functions... (data collector and ASCII import) are superb...producing a topo map is very slick...MS is nearly as flexible as hand drafting...all of the documentation is excellent, helpful, and easy to understand."

Joe Bell, L.S. Professional Surveyor Magazine Review Nov. 97



3396 Sunnyside Road
Kelowna, BC, V1Z 2V4
Toll Free: 800-668-3312
Regular: 250-769-0233
Fax line: 250-769-4458
www.microsurvey.com

"Leading the way in Survey Mapping Software"

MicroSurvey Programs are optimized for use with



MicroSurvey CAD and MS-CAD Pro are trademarks of MicroSurvey Software Inc. All other trademarks are property of their respective owners. ©1998 MicroSurvey Software Inc. All Rights Reserved.

Isn't It Time You Started Using MicroSurvey?

1998 Surveyor Excellence Award

Past President Charles Coyle presented the 1998 Surveyor Excellence Award at the 37th Annual Convention in Bossier City.

This year's recipient has been a member of LSPS since October of 1984 — a very active member. He has served on a number of LSPS committees and is a Past President of the society.

He broadened his duties when he became the NSPS Governor for our state society in 1993. He was a tremendous voice for LSPS at the national level. While representing our state, he served on the NSPS Continuing Education Committee and the NSPS Standards Committee.

He promoted the initiation of the LSPS Trig-Star Award and the LSPS Map & Plat Contest.

He is the President of Hydro Consultants, Inc., in Baton Rouge, Louisiana. His 28 years of experience includes performance in hydrographic surveys, topographic surveys, industrial construction layout surveys, boundary surveys, horizontal and vertical control surveys, cadastral surveys, and construction as-built surveys.

Our membership had an opportunity to view several of his maps and plats at the past two conventions. In 1997, Hydro Consultants received First Place Awards in the Topographic Surveys and Miscellaneous Maps categories of the LSPS Map & Plat Contest. These entries were then entered in the NSPS Map & Plat Contest and went on to place second and third. In the 1998 LSPS Map & Plat Contest, First Place in these two categories went to Hydro Consultants again. The work presented by his firm is indeed an indication of his talent and leadership.

Mr. Coyle presented the 1998 Surveyor Excellence Award, "with great pleasure and honor", to Mr. M. Ernest Gammon. "Ernie" to his friends and fellow surveyors. He has been and we hope will continue to be a strong voice for the surveying profession. Please join in offering congratulations to Ernie.

P.S. Don't send it via e-mail, he hasn't mastered this yet!

SEMINARS

1998 Fall Technical Session

Topic: "Lotted Sections Workshop"
Speaker: Mr. Dennis J. Moulard
Date: September 24, 1998
Place: Radisson Hotel
4728 Constitution Avenue
Baton Rouge, LA
Time: 8:00 am - 5:00 pm

This is a full day seminar discussing how surveyors must deal with lotting in government sections. It covers how lots are created, how to extract the data needed from the GLO/BLM plats and notes, how to compute parenthetical distances with lotted areas, and how to deal with broken boundaries on lines senior to your section. Time is also spent on the subdivision of closing sections (including Section 6), fractional sections, the legal concept of "protecting the plat", and how bona fide rights enter into the process. The course includes how to work with off-line closing corners (CC's), lost CC's, and poorly set or lost quarter corners of minimum control.

Participants are encouraged to have a copy of the 1973 BLM Manual of Surveying Instructions with them in the class.

LOOK FOR REGISTRATION
INFORMATION SOON!

BOREL & SOILEAU, CPA's

CERTIFIED PUBLIC ACCOUNTANTS

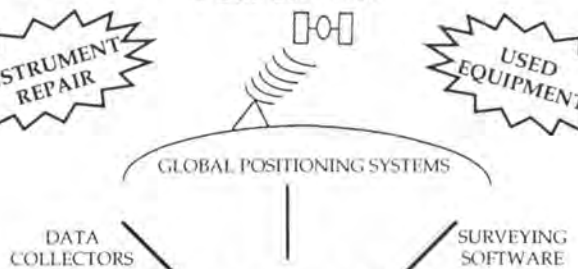
TAX PREPARATION & PLANNING
STRATEGIC BUSINESS PLANNING
FINANCIAL STATEMENT PREPARATION
MONTHLY ACCOUNTING SERVICES FOR
GROWING BUSINESSES

1737 Oakdale Drive
Baton Rouge, Louisiana 70810

FOR INFORMATION CALL

1737 Oakdale Drive ----- 769-9100
FAX Number ----- 767-7207

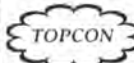
**HAYES INSTRUMENT CO.**
(Your Equipment Specialist)
502 S. Cannon Blvd. • Shelbyville, TN 37160
1-800-251-1280



**HAYES
SURVEYING
SYSTEMS**

We configure surveying systems to your particular needs, including financing. Our "cancel anytime" lease guarantees satisfaction and affordability.

★ **ATTENTION: RLSs and LSITs**
Call To Be Put On Our Mailing List ★

 **1-800-251-1280** 

NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS FOUNDATION, INC.

Call for Nominations



The 1999 Nominations Committee invites you to assist the NSPS Foundation, Inc. by suggesting individuals for the elected position of Trustee (four year term).

The name, address, and phone number of the NSPS Foundation member should be forwarded to Pat Canfield and **must be received by December 31, 1998.**

Requests for additional information should be directed to:

Curtis W. Sumner
Nominations Committee Chair
3155 Kinross Circle
Herndon, VA 20171
(703) 481-8149

Pat Canfield
NSPS Executive Administrator
5410 Grosvenor Lane
Bethesda, MD 20814
(301) 493-0200

National Geodetic Survey Advisory Program

Our NGS Advisory Program which is sponsored and paid for by the Department of Transportation and Development (D.O.T.D.) may be in jeopardy of being terminated. This program has been around for nearly twenty years and will be a great loss. The expertise of the NGS advisor is needed to assist and maintain the geodetic control we have in our state today. If you feel there is a need for this program please call or write for support:

Mr. Frank M. Denton, Secretary, (225) 379-1201
Mr. Roderick Dillon, Jr., Chief Engineer, (225) 379-1210
Mr. Willis Grice, Location and Survey Administrator, (225) 379-1131

Department of Transportation and Development
1201 Capital Access Road
P.O. Box 94245
Baton Rouge, LA 70804-9245

**PLAN TO ATTEND THE
"LOTTED SECTIONS WORKSHOP"
ON SEPTEMBER 24, 1998,
IN BATON ROUGE!**

1998/99 LSPS Board of Directors

President:	Melvin L. Harrison
Vice-President:	J. Walter Ballard
Secretary/Treasurer:	Michael P. Mayeux
NSPS Governor:	C.L. Jack Stelly
Past President:	Wayne A. Hebert
District 1 Chairman:	Walter J. Stone
District 2 Chairman:	Johnny P. Robichaux
District 3 Chairman:	J. Anthony Cavell
District 4 Chairman:	John B. French
District 5 Chairman:	Frank W. Miller
District 6 Chairman:	Robert D. McMurray
District 7 Chairman:	J. David Morrison
District 8 Chairman:	John C. Jordan
District 9 Chairman:	Ned R. Wilson

Communication to the LSPS office can be sent to:

The Louisiana Society of Professional Surveyors
6141 Parkforest Drive
Baton Rouge, LA 70816

Phone: 225-752-5955 • Fax: 225-752-7623

E-Mail: lsps@cmq.com

Website: www.communique.net/~lsps

85 Years 3 Generations 1 Company— *T. Baker Smith & Son, Inc.*

Since 1913, the Smith family and their family of employees have provided professional civil engineering, surveying and environmental services to a wide range of clients including the oil and gas industry, industrial and private developers, and government agencies.

For 85 years, three generations of engineers have been working hard to turn great ideas into reality.



(504) 868-1050 • 412 South Van Avenue Houma, LA
Visit our Web Site at <http://www.tbsmith.com>



Western Data Systems

The Trimble Leasing Specialist

Survey Quality Instruments

Trimble 4800 GPS Total Station:

The latest GPS technology, GPS-on-a-Stick.

Trimble 4000 SSI and 4400 GPS Total Station:

Real Time RTK and/or static system.

Trimble 4600 LS:

Economical single frequency static and kinematic survey system.

Advantages:

- No line of sight required.
- No calibrations.
- Centimeter accuracy.
- Faster production with fewer personnel.
- Higher profits.

Engineering/Hydrographic Instruments

Trimble 7400 and 4400:

high precision for dynamic construction engineering and marine.

Trimble Hydro and NEW Target Structures

Software:

Software for engineering/hydrographic jobs.

Advantages:

- Low latency means knowing where you are now.
- Rapid response and high precision for critical dynamic applications.
- Higher profits.

Lease ■ Sale ■ Service GIS Instruments

GPS Pathfinder Pro-XRS:

GPS System with built-in Coast Guard Beacon and OmniStar.

Aspen Pro:

Sub-meter, map-based data capture system for GIS.

Advantages:

- One person crews.
- Sub-meter accuracy.
- Update your GIS maps in the field.
- More production in less time.
- Higher profits.

Peripherals

Pacific Crest, GLB and Trimble:

Radio links for Real Time GPS (UHF or VHF).

OmniStar:

Nationwide differential corrections service.

Laser Atlanta:

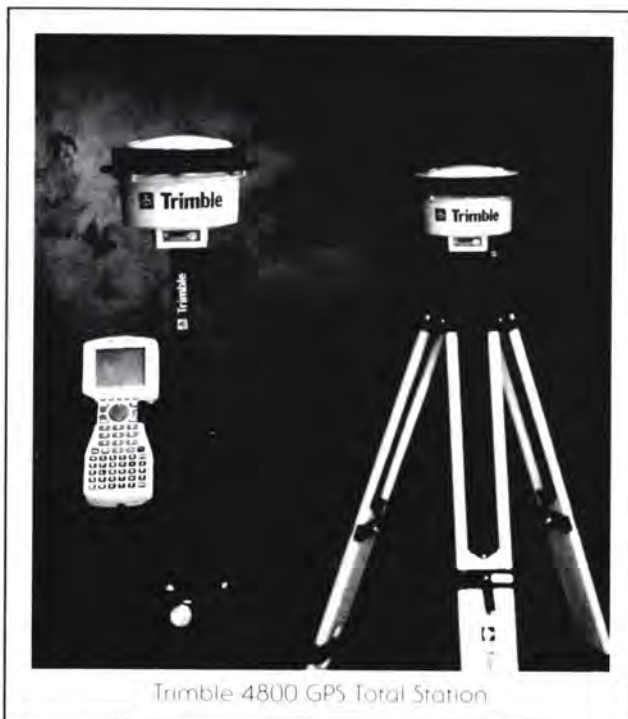
Laser gun that interfaces directly with Trimble GPS receivers.

Seco:

Tripods, range poles, tribrachs and adapters, and all other items a field crew needs.

Training and Technical Support

Western Data Systems provides Trimble-certified training, and has professional land surveyors on staff to offer superior technical support.



Trimble 4800 GPS Total Station

Western Data Systems

14722 Regal, Houston, Texas 77039 ■ Telephone 281.987.1815 ■ Fax 281.987.2743 ■ E-mail WDSTXGPS@AOL.COM.

Trimble with the Trimble logo is a registered trademark of Trimble Navigation Limited, Sunnyvale, California, U.S.A.



Why is the Trimble GPS Total Station today's hottest-selling new survey instrument?

Why? Because it delivers big benefits for everyday tasks. Benefits like major increases in productivity and dramatic cost savings. Ultra-quick job mobilization and exceptional accuracy and repeatability. Hundreds of organizations worldwide are already reaping these benefits.

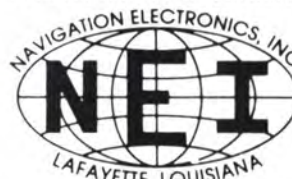
Now, thanks to Trimble technology, surveyors can perform their everyday work with the logistical and productivity advantages of GPS. That means you can do topographic, boundary, detail, control, and even everyday stakeout work without pointing an instrument or needing line-of-sight. And you can do it with fewer setups and greater range, in any weather. The Trimble® GPS Total Station® provides virtually instantaneous, 3-D, centimeter-level coordinates in the field as you survey the point. There's no more waiting for GPS post-processing!

Discover what the excitement's all about. For the location of your nearest dealer and a field-to-finish demonstration, call today.



TrimbleNavigation

The Leader in GPS Technology



200 TOLEDO DRIVE • LAFAYETTE, LOUISIANA 70506 • PHONE (318) 237-1413 • FAX (318) 237-1417

Louisiana Engineer & Surveyor Journal

November 1998

VOL. 1 No. 2



CONSULTING
ENGINEERS
COUNCIL OF
LOUISIANA



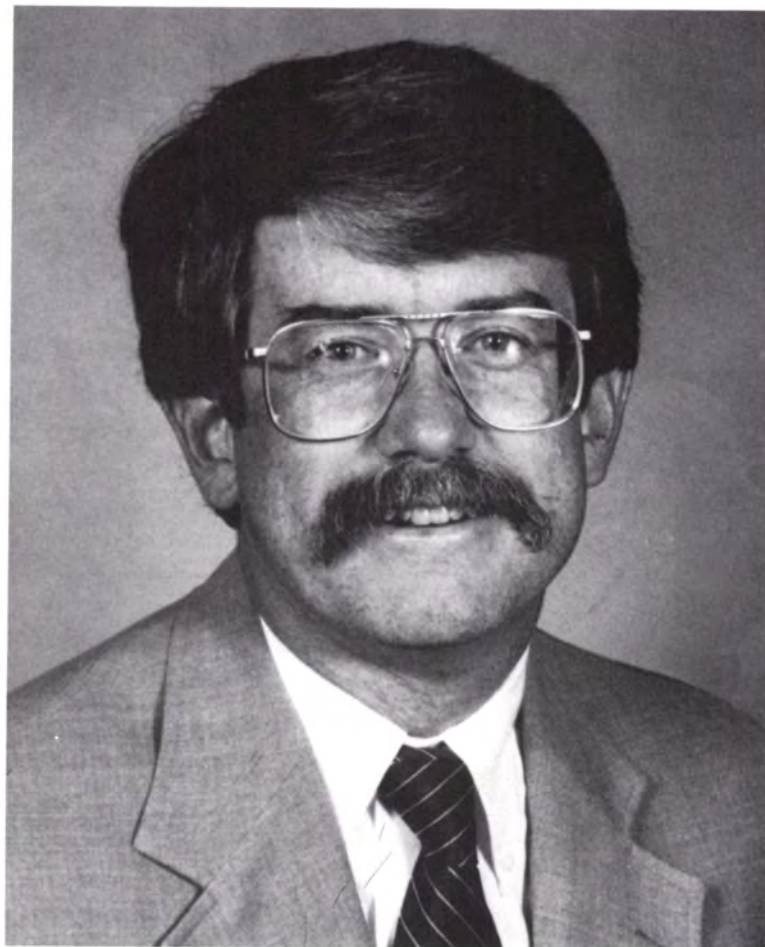
LOUISIANA
ENGINEERING
SOCIETY



LOUISIANA
SOCIETY OF
PROFESSIONAL
SURVEYORS



LOUISIANA STATE
BOARD OF
REGISTRATION
FOR
PROFESSIONAL
ENGINEERS AND
LAND SURVEYORS



Consulting Engineers Council of Louisiana, Inc.
1998-99 President
Donald W. Clayton, P.E.

Inside this issue.....

Louisiana Engineering Society	page 3
Consulting Engineers Council	page 21
State Board of Registration for Engineers and Land Surveyors ...	page 25
Louisiana Society of Professional Surveyors	page 29

Louisiana



Engineer

Vision Statement

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

Mission Statement

The Louisiana Engineering Society is dedicated to the advancement of the engineering profession by pursuing 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 by a professional engineer 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.

Advertising Rates

Size	Cost per issue	Cost per year
Full Page Inside	\$800	\$2400
Full Page Back Cover	\$1000	\$3000
Full Page Inside Cover	\$900	\$2700
1/2 Page	\$500	\$1500
1/4 Page	\$300	\$900
Business Card Ad	N/A	\$250

- 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 contract 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

Managing Editor

Brenda W. Gajan

Associate Editors

Debra Bagley Wayne Hebert Ronald J. Rodi Cindy Fontaine Brian Stancil

Publishing Consultant

Printing Incorporated



LOUISIANA ENGINEERING SOCIETY

8126 ONE CALAIS, SUITE 1-A, BATON ROUGE, LA 70809

TELEPHONE (225) 766-2028 • FAX (225) 766-2038

E-mail - les@communiqué.net

Home Page - http://www.les-state.org



LES OFFICERS AND BOARD

President

John J. Plaisance, II, P.E.
(225) 632-5596

First Vice President

Theodore H. Thompson, P.E.
(318) 439-4552

Second Vice President

Steve W. Brown, P.E.
(318) 221-8312

Secretary-Treasurer

John W. "Billy" Moore, P.E.
(225) 756-1447

NSPE Director

Bobby E. Price, Ph.D., P.E.
(318) 257-3546

STATE DIRECTORS

Philip K. Meyers, P.E.
(225) 612-3000
Ali M. Mustapha, P.E.
(318) 673-6035
Dale LeBlanc, P.E.
(318) 989-4545
Paul Fryer, P.E.
(318) 387-2710

PAST PRESIDENT

Ronald J. Rodi, P.E.
(225) 769-0546

EXECUTIVE DIRECTOR

Brenda W. Gajan
(225) 766-2028

CHAPTER PRESIDENTS

Alexandria
Maurice (Marty) Paulk, P.E.
(318) 443-7291

Baton Rouge

Alan Krouse, P.E.
(225) 757-1111

Bayou

Ron J. Boudreaux, P.E.
(504) 560-2121

Lafayette

Darrell Hicks, P.E.
(318) 981-4665

Lake Charles

Monroe

Stanton E. Huey, Jr., P.E.
(318) 325-1791

New Orleans

Angela L. DeSoto, PE
(504) 862-2733

Shreveport

James A. Hagan, Jr., P.E.
(318) 221-8312

PRACTICE DIVISIONS

Construction

Roger Melancon, P.E.
(504) 892-6500

Education

Bobby E. Price, Ph.D., P.E.
(318) 257-3546

Government

James N. Moore, P.E.
(318) 473-7792

Industry

Tom Holtzclaw, P.E.
(318) 398-1031

Private Practice

Paul Fryer, P.E.
(318) 387-2710

COMMITTEE CHAIRMEN

Constitution & ByLaws

Dudley Hixson, P.E.
(318) 448-0888

Engineering Education

Kam Movassaghi, P.E.
(318) 482-6511

Ethics & Professional Conduct

Foy B. Gadberry, P.E.
(318) 387-2710

Honors & Awards

Robert A. Brossette, P.E.
(504) 576-7169

Inter-Society Relations

Richard Savoie, P.E.
(225) 379-1384

Legislative

Jack K. Laws, P.E.
(225) 749-3561

Liaison w/State Board of

Registration

John J. Plaisance, P.E.
(504) 632-5596

Long Range Planning

Steve Brown, P.E.
(318) 221-8312

MATHCOUNTS

Kerry J. LaBauve, P.E.
(318) 445-8910

Membership

Ali M. Mustapha, P.E.
(318) 673-6035

Public Relations

Richard Savoie, P.E.
(225) 379-1384

Scholarship

Bodin Hugger, P.E.
(504) 461-0577

Young Engineers

Chris Richard, P.E.
(318) 232-5182

THE LOUISIANA ENGINEER & SURVEYOR JOURNAL is the official publication of the Louisiana Engineering Society, the Louisiana State Board of Registration for Professional Engineers and Land Surveyors, and the Louisiana Society of Professional Land Surveyors. The magazine is published in February, May, August, and November. Subscription of \$ 2.17 per year for engineers registered in Louisiana and non-registered members of the Louisiana Engineering Society and the Louisiana Society of Professional Land Surveyors. Two dollars of each LES and LSPS member's annual dues is set aside for four issues of THE LOUISIANA ENGINEER & SURVEYOR JOURNAL. Periodical postage paid at Baton Rouge, LA. The Louisiana Engineering Society, the Louisiana State Board of Registration for Professional Engineers and Land Surveyors, and the Louisiana Society of Professional Land Surveyors do not guarantee the accuracy of statements made or necessarily concur with opinions expressed in the publication. ISSN:0024-6794

POSTMASTER: Please send Change of Address Forms to LOUISIANA ENGINEERING SOCIETY, 8126 One Calais, #1A, Baton Rouge, LA 70809. Telephone (225) 766-2028. FAX (225) 766-2038



*P*RESIDENTIAL PRIVILEGE

John J. Plaisance, II, P.E. • President
Louisiana Engineering Society

As I write this, it's the middle of October. As you read it, it should be close to Thanksgiving, with the Christmas holidays not far behind. What I'd like to talk about, though, starts in January of 1999. Of course, I mean mandatory Continuing Professional Development.

Unless you have had your head buried in the sand, or been buried by work (and I sincerely hope the latter is the case), you know that CPD is on its way. The Louisiana State Board of Registration for Professional Engineers and Land Surveyors is in the process of promulgating rules requiring Continuing Professional Development to renew Professional Engineer (and Land Surveying) licenses. At every biennial renewal of your registration, you must be able to prove that you have obtained 30 Professional Development Hours (PDH's) in engineering and/or surveying related activities.

This move toward mandatory CPD has been years in the making. Over the last ten years or so, the LES Board of Direction has been monitoring the move of several states toward mandatory CPD. Several informal polls of LES membership have been taken, with the number of members in favor moving steadily upward. The number in favor of mandatory CPD was still in the minority (estimated at about 40%) three years ago when the architects began their push toward those rules. The architects registration board, decided that engineers designing structures should have to follow architect's CPD rules. The engineering community, led by LES and ASCE, steadfastly refused to follow the architects' rules. The state legislature stepped in and essentially stated that the engineers would not have to follow the architects' rules, if they wrote their own.

The State Board of Registration formed a committee, with LES and LSPS (Louisiana Society of Professional Surveyors) representation, to draft the rules. The committee began with the NCEES (National Council of Examiners for Engineering and Surveying) model guidelines, and went to work. The basic requirements per biennial period are 30 Professional Development Hours for Professional Engineers and 15

Professional Development Hours for Land Surveyors. In addition, there are several other requirements. Every registrant of the State Board of Registration must have at least 1 PDH in ethics during each biennial period. Every engineering registrant who designs buildings must have 8 PDH's in the Life Safety Code and/or the Americans with Disabilities Act for each biennial period. All surveyors must have a minimum of 4 PDH's in the Minimum Standards for Boundary Surveys in Louisiana during any two consecutive biennial periods. If you are registered as both a Professional Engineer and a Land Surveyor, you must obtain 30 PDH's in each biennial period, with at least one third in each profession, as well as follow the other guidelines. You may carry forward as many as 15 excess PDH's into the next biennial period.

What is the Louisiana Engineering Society doing in the wake of these new rules? We have been instrumental in working with the State Board of Registration to develop rules that are fair to our members and to all engineers in the state. We also established an ad hoc committee to put together a system of bringing opportunities to obtain PDH's to our members. I envision a series of workshops or seminars sponsored by the state organization with the local arrangements made by the chapters. This would allow our members to meet the CPD requirements at a reasonable price and without much travel. The LES Board of Direction voted to set aside a portion of your dues over the last two years to initiate this system.

In addition to this system, the Louisiana Engineering Society will continue to provide continuing professional development opportunities at our statewide conferences and conventions. On January 14th and 15th of 1999, we will sponsor, along with most of the major technical engineering societies around the state, the Third Annual Louisiana Joint Engineering Societies Conference. This event will be held in Metairie at the Landmark Hotel. I invite you all to attend. The registration form and a preliminary schedule are included in this magazine.



SOCIETY NEWS • SOCIETY NEWS

NEW MEMBERS

Alexandria Chapter

Raye Anne White
Michael Marchand, P.E.
Justin Brian Reeves, E.I.

Baton Rouge Chapter

Shannon J. Dupont, E.I.
Tingzong Guo, P.E.
Eugene Britton, P.E.
Steven L. Gunter, E.I.
Lance LaPlace
Harold David Andrews, E.I.
Anthony Pounders, Jr.

Bayou Chapter

Wilson L. Maloz, Jr., P.E.

Lafayette Chapter

Matthew P. Parra, P.E.
Stacey D. Ballard, E.I.
Juno Guedry, P.E.
Michael J. Breaux
Terry Armstrong
John H. Froehlich, P.E.
Corbet Mathis, E.I.
Christopher D. Guilbeau, E.I.

Lake Charles Chapter

Vicki L. Ponthieux
David M. Bright
Brian Price
Shawn Kelly
Cheney C. Benoit
Damon Whitman
Brandon Cooley

Leroy Skellham
Cliff Brouhard
Nehal N. Parekh
Shelley Fontenot
Bradley Jordan
Jeffiner L. Barry
Benjamin J. Boese

Monroe Chapter

Wenjun Li, E.I.
Paul Riley

New Orleans Chapter

Brad St. Germain, E.I.
Eric T. Greager, P.E.
Andrea M. Recasner, P.E.
David M. Stein, E.I.
Antoinette Verdone, E.I.
Daniel Fawley, E.I.
Robert J. Lambert, Jr., E.I.
Andrew J. Whitaker, P.E.
Kevin M. Stolzenthaler, E.I.

Shreveport Chapter

James H. Stevens, E.I.
Paul C. Demopoulos, P.E.
Drake M. Jacob, P.E.
Tadeusz J. Stawasz, E.I.
Eric Hudson, E.I.

Non-Resident

John F. Sanders, E.I.
David Strother
Chris Vyvial
Robert Allen Geddie, E.I.

✦ Alexandria Chapter ✦

by Marty Paulk, P.E.
Alexandria Chapter President

September's luncheon meeting at the Louisiana Convention Center kicked off the new year for our chapter in fine fashion. Pineville city Mayor Leo Deslatte informed our chapter of new economic developments in the city of Pineville and also spoke about his plans to make Pineville city government operate more efficiently. Some of the new economic developments discussed were a new hotel, a new restaurant, development of Fort Buhlow and Fort Randolph into tourist attractions, and the new family entertainment center at Lake Buhlow.

This year the state office has set a goal for our chapter to recruit nine new members. We already have three new members signed up and had several prospects at our September meeting. Please contact

Membership Chairman Mitch Charrier, E.I. at 443-7291 if you need membership applications or if you know of any candidates for membership.

The 1998 Fall Outing is a pig roast to be held Friday October 23rd at Dresser Industries. Please contact Greg Whittington for reservations. Also, a golf tournament is being held the same day to benefit our chapter MATHCOUNTS fund. Thanks to M.L. Virden and Jimmy Moore for organizing the golf tournament. The November meeting will be held at 11:45 a.m. Wednesday November 18th.

The Scholarship Committee has awarded the Women's Auxiliary of the Alexandria Chapter Scholarship in the amount of \$1,000.00 to Mr. Brian Franks, an engineering student at Louisiana State University.

✦ Baton Rouge Chapter ✦

by Alan Krouse, P.E.
Baton Rouge Chapter President

The Baton Rouge Chapter is well into its calendar year of events. Our September luncheon speaker was Mr. Floy Younger who is President of the Amite River Basin Commission. His talk discussed the importance of the Comite River Diversion Channel and a week after his talk the Commission received \$71 million dollars from the Federal Government. Our

✦ CALENDAR OF EVENTS ✦

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Journal* to: Editor, 8126 One Calais, Suite 1-A, Baton Rouge, LA 70809.

November, 1998

1 Toys for Tots Campaign Begins

December, 1998

11 LES Board of Direction Meeting & Honors & Awards Selection Committee, Baton Rouge

January, 1999

14&15 Third Annual Louisiana Joint Engineering Societies Conference, Metairie

15 Deadline for copy, Louisiana Journal, Feb. issue

28-Feb. 1 NSPE Winter Meeting - Atlanta, Georgia

annual golf tournament was October 9th and it was a big success and lots of fun. We will contribute over \$2,000.00 to the Humphreys T. Turner Professorship and within a year we project the Professorship to be funded. If anyone would like to make a contribution please send a check to the Humphreys Turner Professorship, College of Engineering, Rm. 3304 CEBA Bldg., LSU, Baton Rouge, LA 70803-6401.

October's monthly meeting will be a joint meeting with ASME and in November we will have our student function. Also our focus in the upcoming months will be getting our members involved more and membership retention.

♣ Bayou Chapter ♣

No Report

♣ Lafayette Chapter ♣

*by Darrell Hicks, P.E.
Lafayette Chapter President*

The Sixth Annual LES - USL Tailgate Party was a huge success. The LES tent was frequented throughout the day by members, students, alumni, and guests. One excited attendee noted that "...the tailgate party was more enjoyable than the game!" USL put up a valiant fight but succumbed to Central Florida and Daunte Culpepper in the end. Thanks to Chris Richard and Vince Palumbo for putting together a great time. We would also like to say a special word of thanks to our gracious sponsors: ENVIRONMENTAL IMPROVEMENTS INC., ENVIRONMENTAL PROCESS EQUIPMENT, ENVIRONMENTAL TECHNICAL SALES, AND S.P.I. MUNICIPAL SUPPLY. Without the continued support of these firms the annual tailgate party would not be possible.

Congratulations to this year's Lafayette Chapter nominees for state awards. Irvin Ritter was nominated for the Andrew M. Lockett Medal for Civic Activities. Irvin has been active in Sertoma for years and recently served as the Sertoma Cajun Air Show Chairman. All proceeds from the Air Show go to Sertoma charities. Terry Huval, Lafayette Utilities System director, was nominated for the A.B. Patterson Medal for an Engineer in Management. And Dale LeBlanc was nominated for the Leo M. Odom Award for Services to the Profession. We feel that we have an excellent field of nominations and wish them luck.

We have moved the November meeting up one week to November 18 to avoid conflicts with Thanksgiving. Also, keep in mind that the Christmas Social this year will be a joint LES - ASCE function on December 9. Please mark your calendars accordingly.

Lastly, our local Mathcounts competition is scheduled for February 6, 1999. We are always in need of assistance with grading and proctoring exam, so please consider coming out and giving us a hand. It is always a fun day. If you can help out in some way, please call Pam Miller at Dubroc Engineering, 989-4545.

♣ Lake Charles Chapter ♣

No Report

♣ Monroe Chapter ♣

*by Stanton Huey, Jr.
Monroe Chapter President*

Dr. Tom Straughan, P.E., PhD. Told us about "His Most Unusual Assignment" at our meeting at Anthony's Pasta & Seafood Restaurant in Ruston on October 8, 1998. He was in charge of protecting a large Continuous Food Processing Plant in Clinton, Iowa, from the Mississippi River Flood in 1965. This was the greatest flood in the history of the upper Mississippi River. This Continuous Food Processing Plant was the only company on the upper Mississippi River which was not flooded in 1965. He highly recommended that we read the book titled "Rising Tide" by John M. Barry. This book tells about the 1927 Mississippi River Flood and it's Tributaries, etc. This was the greatest natural disaster that has ever hit America. It did more property damage than any other disaster.

We had an Executive Board Meeting at the office of Lazenby & Associates on Thursday, October 15, 1998. We had the following agenda:

- MATHCOUNTS Report - Leslie & Spillers.
- Treasurers Report - Spillers.
- Honors & Awards - Deadline is October 16.
- Discuss having a Toastmaster Club for our members.
- Discuss having a Golf Tournament for our members.
- Discuss having a Fishing Tournament for our members.
- Discuss reserving a block of seats at the NLU - Louisiana Tech football game next year and having a Tailgate Party before the game.
- Adjourn.

We are currently preparing for the 1999 MATHCOUNTS Competition. This event provides a means for 7th and 8th grade students to excel in mathematics through Regional, State, and National events. LES is proud to provide the coordinating leadership for this event. The scheduled date and location for the competition is February 20, 1999 at Ouachita Parish Junior High, Monroe, Louisiana.

♣ New Orleans Chapter ♣

*by Angela DeSoto, P.E.
New Orleans Chapter President*

The New Orleans Chapter began it's year on September 23rd with Margarey Freeman of the YMCA talking to us about Adult Illiteracy. In October, we had a very timely meeting about Hurricane Preparedness in Jefferson Parish given by Alan Francinques of the East Jefferson Levee District. In November we join the Strategic Planning Reserves for a talk about Partnering and Benchmarking in the Petroleum Industry. Already scheduled is our Christmas Meeting at the Plimsol Club with Archbishop Hannan speaking to us on Focus Network, a worldwide TV programming system enriched with family values and in-depth analysis of public issues.

In the planning stages is the Joint Engineers Conference scheduled for January 14th and 15th at the Landmark Hotel in Metairie. There are still speaker and exhibitor slots available. Contact Frank Gallagher at (504) 599-5191.

♣ Shreveport Chapter ♣

No Report

A circular collage of various engineering and scientific diagrams. At the top left is a sine wave. Next to it is a complex block diagram of a system with components like 'Antenna', 'High Efficiency Class Amplifier', 'Power Amplifier', 'Modulator', 'Demodulator', 'Filter', 'Detector', 'Mixer', 'Frequency Converter', 'Transmitter', and 'Receiver'. To the right is a transistor circuit diagram with labels V_{CC} , V_{CE} , V_{BE} , V_{BC} , V_{CB} , V_{EB} , V_{EC} , V_{BC} , V_{CB} , V_{EB} , V_{EC} , V_{BC} , V_{CB} , V_{EB} , V_{EC} . Below the transistor circuit is a graph with axes labeled V_{BE} , V_{CE} , V_{BC} , V_{CB} , V_{EB} , V_{EC} . On the left side of the circle is a chemical structure of a carboxylic acid group: $R-C(=O)OH$. On the right side is a microchip diagram with labels A_{11} , A_{12} , A_{13} , A_{14} , A_{15} , A_{16} , A_{17} , A_{18} , A_{19} , A_{20} , A_{21} , A_{22} , A_{23} , A_{24} , A_{25} , A_{26} , A_{27} , A_{28} , A_{29} , A_{30} , A_{31} , A_{32} , A_{33} , A_{34} , A_{35} , A_{36} , A_{37} , A_{38} , A_{39} , A_{40} , A_{41} , A_{42} , A_{43} , A_{44} , A_{45} , A_{46} , A_{47} , A_{48} , A_{49} , A_{50} , A_{51} , A_{52} , A_{53} , A_{54} , A_{55} , A_{56} , A_{57} , A_{58} , A_{59} , A_{60} , A_{61} , A_{62} , A_{63} , A_{64} , A_{65} , A_{66} , A_{67} , A_{68} , A_{69} , A_{70} , A_{71} , A_{72} , A_{73} , A_{74} , A_{75} , A_{76} , A_{77} , A_{78} , A_{79} , A_{80} , A_{81} , A_{82} , A_{83} , A_{84} , A_{85} , A_{86} , A_{87} , A_{88} , A_{89} , A_{90} , A_{91} , A_{92} , A_{93} , A_{94} , A_{95} , A_{96} , A_{97} , A_{98} , A_{99} , A_{100} . The entire collage is framed by a circular border. Below the circle is a perspective grid of squares. The word 'ENGINEERS' is written in large, bold, capital letters across the top of the grid. The phrase 'Designing our future together' is written in a stylized font at the bottom of the grid. The left side of the grid is labeled 'Professionalism • Community • Integrity' and the right side is labeled 'Technical Excellence • Innovation'.

6

Attend the 3rd LJESC

The **Third Louisiana Joint Engineering Societies Conference**, which will be held at the Landmark Hotel in Metairie Jan. 14-15, 1999, is the only conference in our state where you can find engineers from all disciplines, all industries, and from corporate, public, and private sectors exchanging ideas and expertise. Our last conference was a tremendous success with a variety of exhibitors and session topics ranging the full spectrum of the technical and management issues facing engineers in Louisiana. Some of the sessions presented at the last conference were:

Legal Horror Stories and How Not To Be One •
Engineering Applications of Computer Animation •
Indoor Air Quality • Production and Evaluation of
Sugar Cane Fiber Geotextiles • Horizontal
Directional Drilling • Basics in Heat Transfer and
Compact Heat Exchangers • Case Study of a Hybrid
Central Plant for a Hospital • Gas Technologies of
the Future • Environmental Programs and the
Community • OSHA Standards for General Industry
and Construction • Basics in Heat Transfer and
Compact Heat Exchangers • Engineering Vacuum
Systems and Fluoropolymer (Plastic) Heat
Exchangers • Tests for Evaluating Fluid Migration in
the Annular Space of Lined Piping Systems • How to
Harness the Internet for Your Business •
Professional Liability

This year attendees will earn up to 5 Professional Development Hours. In addition to technical, management, and business sessions, a session on Engineering Ethics will be part of the program. Planned topics include hurricane planning, wetlands restoration, firm management, horizontal drilling, and the new ASRAE IAQ standard.

Participating Societies

All engineering societies that participated in last year's conference earned money for their chapter through this event. Each participating chapter will receive money based on the number of vendors they recruit for the exhibition hall, the number of technical sessions they provide speakers for, the number of sponsors they recruit, and the number of chapter members attending the conference. Attendees count towards each chapter or section they belong to and register as at the time of the conference. We hope to see more societies and chapters participating in this year's event.

Registration Form

Please complete and mail this with a check to:

LES

8126 One Calais, #1A
Baton Rouge, LA 70809

or fax your credit card order to (504) 766-2038.

For further information, call LES at (504) 766-2028.

Registration Fees (Deadline is Dec. 23, 1998)

Thursday Eng. society members \$25 non-members \$35

Membership in any engineering society receives discount.

Includes social hour.

Friday Eng. society members \$60 non-members \$70

Includes continental breakfast and luncheon.

Attendees receive 5 PDH's. Ethics session available.

Both Eng. society members \$75 non-members \$85

(Spouses attend conference at no charge.)

Students: \$20 (must show ID at registration) Total: _____

LES Honors & Awards Banquet tickets (\$25 per person): _____

Prime Rib dinner. Trout Almondine available on request.

Total members Thurs. _____ Friday _____ Both _____

Non-members Thurs. _____ Friday _____ Both _____

You must register to attend any event or session.

We require each individual to register by name at the door.

NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

PHONE: _____ FAX: _____

SPOUSE/GUEST: _____

PLEASE CHECK: VISA _____ MASTERCARD _____

CARD NO.: _____

EXPIRATION DATE: _____

TOTAL FEES REMITTED: \$ _____

SIGNATURE: _____

Please check all technical societies you belong to. If any are not listed, please write them in the blanks. No society membership is required to attend. Actual tally by section will be at the door.

☐ AEE	☐ ASME	☐ LSPS
☐ AIAA	☐ ASSE	☐ NSBE
☐ AIChE	☐ IEEE	☐ SAME
☐ ASAE	☐ ITE	☐ SWE
☐ ASCE	☐ LES	☐ _____
☐ ASHRAE	☐ LSPECS	☐ _____

For overnight accommodations, call the Best Western Landmark Hotel at 1-800-277-7575. Their location is 2601 Severn Ave., Metairie, La., 70002. Special room rate of \$79 single or double if you state you are attending this conference. Deadline is December 23, 1998.



9229 BLUEBONNET BOULEVARD
BATON ROUGE, LOUISIANA 70810
504.765.7400 / 504.765.7244 f
btr@abmb.com

Phone 504-846-6400 Fax 504-838-8955

3500 N. Causeway Blvd.
Suite 600 Metairie, LA
70002

AGA ALBERT. GARAUDY
AND ASSOCIATES, INC.
ENGINEERS
Multi-Disciplined Project Consulting

- Oil and Gas Production
- Chemical and Petrochemical
- Petroleum Refining
- Pulp and Paper

hostmaster@aga-engineers.com

Aillet, Fenner, Jolly & McClelland, Inc.
Consulting Civil, Electrical, Environmental & Structural Engineers
Robert D. Fenner, Joseph M. Walker, J. Wayne Roberson,
Gary W. Fenner, Kenneth V. Hill

Planning feasibility studies, land surveys, design, plans and specifications and construction inspection for bridges, streets and highways, airfields, water systems, sewage treatment and disposal, drainage, military construction, land development, and structural and foundation systems

1055 Louisiana Avenue
Shreveport, Louisiana 71101
Phone: 318-425-7452

423 Homer Road, Suite A
Minden, Louisiana 71055
Phone: 318-377-9700

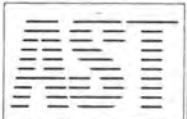


Alliance, Inc.

Architecture ▲ Engineering ▲ Planning
Airport Consulting ▲ Surveying

Petroleum Sq., Suite 100
Shreveport, LA 71107
Phone (318)221-7501

1324 N. Hearne Ave.
Fax: (318) 221-7635



**ASSAF,
SIMONEAUX,
TAUZIN
& ASSOCIATES, INC.**

consulting engineers

8417 Kelwood Avenue
Baton Rouge, Louisiana 70806
Phone: 504/926-5600
Fax: 504/926-5620

AA ATCHLEY & ATCHLEY, INC.

**CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
PLANNERS**

412 LaSalle Street
Shreveport, Louisiana 71107
Phone: (318) 222-5821
Fax: (318) 227-2233
E-mail: atchley@ark-la-tex.com

**BADEAUX
ENGINEERS
INCORPORATED**

CONSULTING STRUCTURAL
AND CIVIL ENGINEERS
115 EAST SIXTH STREET 70301
POST OFFICE BOX 1056 70302
504-447-2317 THIBODAUX LA

1999 NSPE Honor Awards

The NSPE Honor Awards Committee is seeking nominations for the 1999 NSPE Award, Distinguished Service Award(s), and Young Engineer of the Year Award. All entries must be submitted through the Louisiana Engineering Society and must be received by NSPE no later than February 1, 1999.

Help provide

support

scholarships

for future

THE *Louisiana* ENGINEERING EDUCATION FUND

engineers

See LES Order Form next page ➡➡



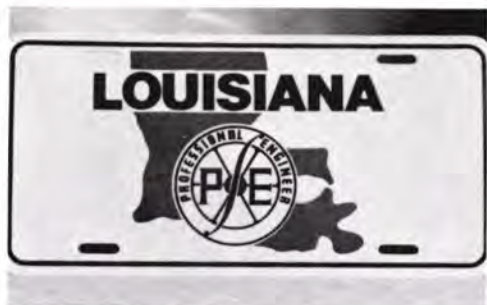
LES Coffee Mug



LES Lapel Pin



LES Centennial Koozie



LES License Plate



Centennial Book

LES Order Form

Quantity	Price	Shipping	Total
____ LES Logo Coffee Mug	\$ 6.00	\$ 3.00	____
____ LES Lapel Pin	\$ 8.00	\$.32	____
____ LES License Plate	\$10.00	\$ 1.01	____
____ LES Centennial Koozie	\$ 9.00	\$ 1.28	____
____ LES Centennial Book	\$45.00	\$ 3.00	____
TOTAL DUE		\$	____

Shipping Information

☐ I will pick up to avoid shipping charge

☐ Please mail to the address below

Name: _____

Firm Name: _____ Phone () _____

Address: _____ City: _____

State: _____ Zip: _____

Method of Payment - All orders must be prepaid!

____ My check is enclosed

____ Please Charge my ☐ VISA ☐ Mastercard

Card #: _____ Expiration Date: _____

Signature _____

Placing Your Order

Mail to: LES State Office (OR) FAX to: (225) 766-2038
8126 One Calais, Suite 1-A
Baton Rouge, LA 70809

BALAR ENGINEERS • SURVEYORS

CIVIL • STRUCTURAL • ENVIRONMENTAL

STEVEN W. BROWN, P.E.

BALAR ASSOCIATES, INC.
631 MILAM STREET, SUITE 200
SHREVEPORT, LA 71101

PHONE (318) 221-8312
FAX (318) 424-6508
E-MAIL: swbalar@softlink.com

BRAMMER ENGINEERING INC.

Serving the Oil & Gas Industry since 1968

333 Texas Street, Suite 1425 Office Phone (318) 429-2345
Shreveport, LA 71101-5323 FAX No. (318) 429-2340



BROWN & BUTLER, INC.

Consulting Engineers and Land Surveyors

General Civil Engineering & Land Surveying

8335 KELWOOD AVE., SUITE D
BATON ROUGE, LA 70806-4804

PH. 504/924-0235
FAX: 504/926-1687
EMAIL: brwnbutler@aol.com

"Our Mission: Client Success"

3645 Williams Blvd.
Suite 206
Kenner, LA 70065
504-443-3437

BUCHART HORN, INC.
Engineers, Architects
and Planners

BURK - KLEINPETER, INC.

ENGINEERS
ARCHITECTS PLANNERS
ENVIRONMENTAL SCIENTISTS

4176 CANAL STREET
NEW ORLEANS, LA 70119-5994
TEL (504)486-5901 FAX (504)488-1714



1-800-375-0119
www.byrd-forbes.com

**YOUR EYES
INSIDE
THE SYSTEM**

**FLOW MONITORING
SMOKE TESTING
MANHOLE INSPECTION
METER LEASING
CLEAN/TV INSPECTION**



LOUIS J. CAPOZZOLI & ASSOCIATES, INC.
Geotechnical Engineers

Engineering Consultation
Laboratory and Field Testing
Land and Marine Site Explorations

10555 Airline Highway
Telephone (504) 293-2460

Baton Rouge, LA 70816-4199
Fax (504) 293-2463

CDM environmental engineers, scientists,
planners, & management consultants

CAMP DRESSER & McKEE INC.

3445 North Causeway Boulevard, Suite 600
Metairie, Louisiana 70002
504 832-7272

500 Laurel Street, 4th Floor
Baton Rouge, Louisiana 70801
(504) 387-3822

offices nationwide

Kenneth E. Thomas, P.E.
Louisiana Area Manager



CH2MHILL

CH2M HILL
1515 Poydras Street
Suite 2110
New Orleans, LA 70112-3723
Tel 504.593.9421
Fax 504.593.9460
E-Mail kthomas@ch2m.com

YOUR FULL SERVICE ENVIRONMENTAL CONSULTANT



RICH MAJOR, P.E.

17170 Perkins Road
Baton Rouge, LA 70810
(225) 755-1000
Fax (225) 751-2010
www.c-ka.com

ENGINEERED SOLUTIONS
TO REGULATORY ISSUES

**COYLE ENGINEERING
CO., INC.**



CHARLES G. COYLE, P.E.

P.O. BOX 6177
BOSSIER CITY, LOUISIANA 71171-6177

3925 BENTON RD.
PHONE (318) 746-8987



CHENEVERT • SONGY • RODI • SODERBERG
An Engineering/Architectural Corporation

- CIVIL ENGINEERING
- PLANNING
- LAND SURVEYING
- ARCHITECTURE

6767 Perkins Road, Suite 200, Baton Rouge, LA 70808
Phone: (504) 769-0546 or <http://www.csronline.com>



**Delta Process
Equipment, Inc.**

P.O. Box 969 • 8275 Florida Blvd.
Denham Springs, LA 70727-0969
(504) 665-1666
(504) 665-1855 Fax

Pumps • Compressors • Steam Turbines • Blowers
Wastewater Treatment Equipment • Filters • Mixers

SUNSTRAND
KONTRO
GORMAN-RUPP
COPPUS-MURRAY
SUTORBILT
LEISTRITZ
KINNEY
DOLLINGER
SAUDER

Denmon Engineering Company, Inc.

1973-1998

25 Years of
Quality
Engineering
and Surveying
Services

Engineers and Surveyors
PO Box 8460
Monroe, Louisiana 71211-8460
(318) 388-1422 phone
(318) 361-5036 fax

LES

RECOGNIZES PAST HONORS & AWARDS RECIPIENTS

**F. Hugh Coughlin Young
Engineer Key and Certificate**

Dr. Randall F. Barron	1967
Dr. Olin K. Dart	1968
Dr. Cecil L. Smith, Jr.	1969
Dr. Daniel D. Reneau	1970
Davis S. Huval	1971
Dr. Rodolfo J. Aguilar	1972
Blaise M. Carriere	1973
E. Raymond DesOrmeaux	1974
J. Alvin Badeaux	1975
Eric J. Guilbeau	1976
John W. Moore	1977
John J. Bergeron	1978
James F. Guion	1979
Kerry J. LaBauve	1980
Dale T. Hunn	1981
Michael V. Aderman	1982
Ashton B. Avegno	1983
James A. Ragland	1984
Ronald J. Rodi	1985
Robert A. Brossette, Jr.	1986
James C. Wernicke	1987
Dr. Leslie K. Guice	1988
John A. Guillot	1989
Donald C. Carter	1990
J. Andy Craig	1991
Linda Keith Hillman	1992
Michael B. Songy	1993
James N. Moore	1994
John J. Plaisance, II	1995
Susan H. Richard	1996
Mark W. Snow	1997
Christopher K. Richard	1998

**The Andrew M. Lockett
Medal**

Lester F. Alexander	1951
Harold C. Leonard	1952
A. B. Paterson	1953
Arthur J. Naquin	1954
Homer G. Fritchie	1956
Frank H. Coughlin	1957
Neville Levy	1958
Not Awarded	1959
Franklyn G. Hornsby	1960
Clayton L. Nairne	1961
Richard R.L. Ward	1963
W. J. Evans	1964
Edwards S. Bres	1965
Jeffrey H. Collins	1966
U. J. Gajan	1967
H. Nash Ogden	1968
Dean Ben T. Bogard	1970
Max M. Merrick	1971
James S. Janssen	1972
Elmer E. Shutts	1973
Irwin R. Schneider	1974
Charles A. Killgore	1975
D. Allan Collette, Jr.	1976
Frank H. Walk	1977
Paul W. Murrill	1978
Hugh B. Balfour	1979
Edward W. Midlam	1980
Marion J. Chaney	1981
Rodney M. Vincent	1982
Waldemar S. Nelson	1983
T. Dudley Hixson	1984
Mack Abraham	1985
John E. Ritter	1986
Not Awarded	1987
John T. Roberts	1988
Virgil Orr	1989
Wayne E. Staton	1990

James L. Meyer	1991
Bobby E. Price	1992
John W. Moore	1993
Jerry G. Lazenby	1994
A. J. Szabo	1995
D. Walter Jessen, Sr.	1996
Thomas L. Holtzclaw	1997
Robert R. Aillet	1998

**James M. Todd Technological
Accomplishment Medal**

A. Baldwin Wood	1951
Edwin L. Dennis	1952
C. Glenn Cappel	1953
Alexis Voorhies	1954
Wiley D. Poole	1956
Irvn E. Hanson	1957
Jesse Coates	1958
William B. Gurney	1959
Robert J. Kuhn	1960
Joseph H. Barnwell	1964
Armand L. Willoz	1965
Frederick W. Zur Burg	1966
Clifford M. Cockrell	1967
Paul W. Murrill	1970
Roger W. Richardson	1971
George L. Heller	1973
Frank W. Macdonald	1974
Walter E. Blessey	1975
Philip W. Bohne	1976
John C. Copes	1977
Louis J. Capozzoli, Jr.	1978
Pierre A. Lapeyre	1979
Not Awarded	1980
J. Bres Eustis	1981
Hugh A. Thompson	1982
Roy W. Schubert	1983
John E. Chance	1984
Michael W. Flores	1985
Robert S. Jones	1988
Charles W. Hair, III	1989
Geoffrey R. Say	1990
James L. Rike	1991
D. Thomas Iseley	1992
Ernest L. Kistler	1993
Jay Charles Smith	1994
James P. Ledet	1995
John R. Collier	1996
Dr. Janardanan O. Uppot	1997
William E. Simon	1998

**Leo M. Odom Services to the
Profession Award**

Leo M. Odom	1972
Roger W. Richardson	1973
Marshall B. Ewing	1974
Farrell W. Adams	1975
A. J. Szabo	1976
Waldemar S. Nelson	1977
J. J. Thigpen	1978
Fred C. Culpepper, Jr.	1979
David L. Johnson	1980
James L. Meyer	1981
Francis C. Roy	1982
James W. Reeves	1983
Arthur A. DeFraites, Jr.	1984
Lamon L. Moody	1985
Bobby E. Price	1986
C. Carter Brown	1987
Edward J. McNamara	1988
Frank H. Walk	1989
James S. Janssen	1990
H. L. Henry, Jr.	1991
John E. Ritter	1992

Robert D. Fenner	1993
Albert J. Dunn	1994
Thomas D. Hixson	1995
Glynn P. Gautreau	1996
Kerry L. LaBauve	1997
James D. Mohr	1998

The A.B. Paterson Medal

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

**Charles M. Kerr
Public Relations Award**

J. Mason Guillory	1965
Lamon L. Moody	1971
Leo M. Odom	1973
Roy T. Sessums	1974
Waldemar S. Nelson	1975
Daniel H. Vliet	1978
James S. Janssen	1979
Duane F. Bruley	1983
Frederick J. Brown	1984
James L. Meyer	1985
Kerry J. LaBauve	1986
James C. Webb	1987
Wilfred B. Barry	1988
Jack T. Painter	1990
Carl A. Jakob	1991
Michael N. McGaugh	1992
Jerry G. Lazenby	1993
Not Awarded	1994
Leslie K. Guice	1995
George J. Mahl, III	1996
Prosper J. Touns, Jr.	1997
John N. Crisp	1998

**Waldemar S. Nelson
Presidents Award**

Bobby E. Price, Ph.D.	1996
Dale T. Hunn	1997
Thomas D. Hixson	1998

**You have just over a month
to take steps that
may lower your 1998 tax bill!**

**With the new tax year only a little
over a month away, you may find
that it's almost too late for most
tax-savings tactics. But, it's
not too late for
charitable contributions.
A contribution to the
LES Education Fund
before December 31
can turn into an April 1999
tax write-off!
Don't delay - write that check today!**

*Happy
Thanksgiving*

*from the
Louisiana
Engineering
Society*



DUES are DUE!

Members who have not yet paid 1999 dues are urged to do so by December 31, 1998 to insure continued services and active member status. Members remaining unpaid on April 1st forfeit membership.

LES needs all of its members...Members need LES!

DOMINGUE SZABO

& ASSOCIATES, INCORPORATED
PROFESSIONAL ENGINEERS & LAND SURVEYORS

400 East Kaliste Saloom Road
Suite 1100
P.O. Box 52115
Lafayette, LA 70505-2115

(318) 232-5182
LA WATTS (800) 737-5182
FAX (318) 237-7132

DUPLANTIS ENGINEERING, INC.

CIVIL ENGINEERS

200 East Sixth Street Thibodaux, Louisiana 70301
Site Development Land Planning Public Works

Phone: 504.447.0090

Fax: 504.447.7009

e-mail: duplantis@worldnet.att.net

ERM-Southwest, Inc.
ENVIRONMENTAL
CONSULTING
ENGINEERS &
SCIENTISTS

ERM

EUSTIS ENGINEERING

GEOTECHNICAL ENGINEERS

CONSTRUCTION QUALITY CONTROL
AND MATERIALS TESTING
MONITORING WELL INSTALLATION
(504) 834-0157



3011 28TH STREET

METAIRIE, LA 70002

Ford, Bacon & Davis
INCORPORATED



+ CONSULTING
+ ENGINEERING
+ PROCUREMENT
+ CONSTRUCTION

100 YEARS OF ENGINEERED SOLUTIONS

4001 Jackson St.

318/323-9000

Monroe, LA 71202

Fax 318/361-0962

FORTE AND TABLADA, INC.

CONSULTING ENGINEERS



OFFICE (504) 927-9321 • FAX (504) 927-9326

P.O. BOX 64844 • BATON ROUGE, LA 70896
9107 INTERLINE, AVE. • BATON ROUGE, LA 70809



SERVING
CLIENTS
WORLDWIDE

Geotechnical Engineering and Materials Testing
Cone Penetrometer Testing
Drilling, Monitor Wells
Marine Geosciences
Marine Surveys

LAKE CHARLES, LOUISIANA
(318) 439-1731

Gulf South Engineers, Inc.

S

1700 GRAND CAULLOU RD. SUITE 2018
HOUMA, LA 70063-8076
(504) 876-8380
FAX (504) 876-0621

3925 N. I-10 SERVICE RD WEST
SUITE 2018
METairie, LOUISIANA 70002-6831
(504) 454-1710
FAX (504) 454-1781

ENGINEERS • ARCHITECTS • PLANNERS • SURVEYORS

GULF STATES ENGINEERING CO., INC.

201 HARBOR CIRCLE
NEW ORLEANS, LA 70126

504-243-5500 FAX 504-243-5508

PUMPS • COMPRESSORS • BLOWERS
WATER AND WASTEWATER EQUIPMENT



ARCHITECTS ENGINEERS PLANNERS
Comprehensive Services in

- Highway Traffic & Drainage • Bridges & Structural
- Environmental, Site Planning • Aviation

HNTB Corporation

8281 Goodwood Blvd., Suite J • Baton Rouge, LA 70806
(225) 927-8392 • (225) 927-8355 Fax • www.hntb.com

Office (504) 632-5596
Fax (504) 632-5628

Res (504) 632-5646

J. W. P., INC.

J. Wayne Plaisance, Inc.
Civil Engineers • Land Surveyors

JOHN J. PLAISANCE, II
President

Post Office Drawer 730
Galliano, Louisiana 70354

AREA CODE 318
433-0561

D. W. JESSEN & ASSOCIATES
CIVIL & CONSULTING ENGINEERS

440 KIRBY ST.
LAKE CHARLES, LA

D. WALTER JESSEN, JR.



Computational Fluid Dynamics
Finite Element Analysis
Heat Transfer Analysis
Vessel/Exchanger/Machine Design
Rotor Dynamics/Structural Dynamics
Process Simulation
Pipe Stress

*Specialists in design, failure analysis, and
troubleshooting of static and rotating equipment*

www.knighthawk.com

Houston, Texas
Tel: (281) 282-9200
Fax: (281) 282-9333
Baton Rouge, LA
Tel: (504) 275-7444
Tel: (504) 275-6855

LaBauve and Company Engineers, Inc.
A Professional Engineering Corporation

3640 BAYOU RAPIDES ROAD
ALEXANDRIA, LA 71303 PHONE: (318) 445-8910

1997/98 Major Sponsors

(\$2,000 to \$4,999)

Central Louisiana Electric Company
Louisiana Engineering Foundation

1997/98 State Sponsors

(\$1,000 to \$1,999)

McDermott, Inc.

The State Sponsor

(\$500 to \$999)

Waldermar S. Nelson and Company

1998/99 Competition Dates

Chapters:	February 6-20, 1999
State:	March 19&20, 1999
	Holiday Inn - Alexandria
National:	May 13-16, 1999
	Washington, D.C.

THE MATHCOUNTS SUM TIMES

Published by the Louisiana Engineering Society Education Fund, Inc.
8126 One Calais, #1A Baton Rouge, LA 70808; phone (225) 766-2028, fax
(225) 766-2038, web: www.les-state.org.

Editor & Publisher, Brenda Gajan

LESEF Executive Director

MATHCOUNTS State Coordinator

MATHCOUNTS

• WHERE YOU'RE ON A WINNING TEAM •

Gift / Pledge Form

You know that you're on a winning team with MATHCOUNTS. You may have supported us in past years. If so, we want to say "THANKS" in a big way! Our fund-raising campaign for 1998/99 is getting underway, and we hope that you will support us this year. Please pick a team position from below, clip this form from the magazine, and mail it by December 31, 1998. MATHCOUNTS is an education program of LESEF, Inc. LESEF, Inc. is a nonprofit, tax-exempt 501(c)(3) corporation. Your contribution is tax deductible (you will receive an acknowledgment.)

Select A Team Position

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

Name _____

Title _____

C./Firm _____

Street Add. _____

PO Box _____

City _____ ST _____ Zip _____

W-Phone (____) _____ Fax (____) _____

Mail to: Brenda Gajan, State Coordinator
LESEF - State Mathcounts
8126 One Calais #1A
Baton Rouge, LA 70809

Phone: (225) 766-2028

Make checks payable to:
LESEF - State Mathcounts

Thank You! We appreciate your support!



Louisiana Engineering Society Membership Application

Name: _____

Please send mail to: ☐ Home ☐ Work

Home Address _____

Apt., Suite Number _____

City, State, Zip _____

Home Phone: () _____

Social Security Number: _____

Date of Birth ____/____/____

Employer: _____

Business Address _____

Apt., Suite Number _____

City, State, Zip _____

Bus. Phone: () _____ Fax: () _____

E Mail Address: _____

EDUCATION:

University: _____ Mo./Yr. Grad. _____ Undergrad. Eng. Degree(s): _____

University: _____ Mo./Yr. Grad. _____ Graduate Eng. Degree(s): _____

REGISTRATION/CERTIFICATION (If applicable)

☐ PE ☐ EI/EIT ☐ PLS ☐ Other

State: _____ License #: _____ Yr. Registered _____

State: _____ License #: _____ Yr. Registered _____

PRACTICE PREFERRED PRACTICE DIVISION

Services are provided to members
at no additional cost.

☐ Construction ☐ Industry
☐ Education ☐ Private Pract.
☐ Government

MEMBER GRADES AND QUALIFICATIONS/DUES SCHEDULE:

- ☐ Member - PE registration in any state, U.S. territory or province of Canada. Fee: \$138.00
- ☐ Associate - EI certification in any state; or a graduate engineer ABET - accredited engineering program, actively pursuing an engineering career or engaged in post graduate study. Fee: 30+ years of age \$138.00
Under 30-years of age \$118.00
- ☐ New Graduate- A graduate from an undergraduate engineering or engineering technology program within the last five years. Graduation Date: _____ Fee: \$79.00
- ☐ Affiliate - Graduate of a non-ABET accredited engineering student in an ABET-accredited engineering curriculum; or a graduate of an ABET accredited technology program. Fee: \$138.00
- ☐ Student - Enrolled in a full-time graduate or undergraduate engineering curriculum. Fee: \$16.00

All new members will receive 18 months of membership with the payment of first 12 months dues. New member rates cover national, state, and chapter dues. Dues include subscription to the *Louisiana Journal, Engineering Times*, and applicable practice division newsletter. Payments may be deductible under the Internal Revenue Code, but are not deductible as charitable contributions.

PAYMENT:

Membership services will begin upon approval of application and receipt of full payment.
Make check payable to LES.

Amount enclosed \$ _____ ☐ Check ☐ VISA ☐ MasterCard

Card Number: _____ Exp. Date _____

Signature: _____ Name of Sponsor: _____

Please mail to: LES, 8126 One Calais #1A, Baton Rouge, LA 70809 Phone (225) 766-2028 Fax (225) 766-2038

FOR LES OFFICE USE ONLY

Date Joined: _____ Chapter: _____ Member Grade: _____

CODE: IC _____ Bill Date: _____

November 1998



LANIER & ASSOCIATES CONSULTING ENGINEERS, INC.

INDUSTRIAL • MARINE • ENVIRONMENTAL
NEW ORLEANS, LA HOUSTON, TX



Lazenby & Associates, Inc.

CONSULTING ENGINEERS & LAND SURVEYORS

JERRY G. LAZENBY, P.E., P.L.S.

FOY B. GADBERRY, P.E.

PAUL D. FRYER, P.E.

2000 North 7th Street • P.O. Box 728 • West Monroe, LA 71291-0728 • 318 387-2710
FAX 318 387-2718



LEVINGSTON ENGINEERS, INC.

Professional Design Engineers
Established in 1961

Post Office Box 1865 318/527-3806
Lake Charles, Louisiana 70602 FAX: 318/625-8213



CONSULTING ENGINEERS
SERVING THE PETRO-
CHEMICAL AND OIL & GAS
INDUSTRIES

OFFICE (504) 835-2577
FAX (504) 837-5824

3330 WEST ESPLANDE AVE. • SUITE 300 • METAIRIE, LOUISIANA 70002



LINFIELD, HUNTER & JUNIUS, INC.
CONSULTING ENGINEERS AND ARCHITECTS

3500 North Causeway Blvd. / Suite 200
Metairie, Louisiana 70002
(504) 837-1666 / (504) 835-9933 fax

3924 Haddon Street
Metairie, Louisiana 70002-3011
WWW: <http://users.aol.com/icon/cpg1.htm>
Tel: (504) 887-5531, Fax: (504) 888-1994
E-mail: Lcon1@aol.com

LOURIE CONSULTANTS

geotechnical and geoenvironmental
consulting services

...quality measured in the client's terms

George J. Mahl, III, P.E.

Telephone (504) 733-8050
Fax (504) 733-8052



Mahl & Associates, Inc.

CONSULTING ENGINEERS

5817 Citrus Blvd., New Orleans, LA 70123

mader-miers

ENGINEERING INC.

3909 W. CONGRESS ST.
SUITE 101
LAFAYETTE, LA 70506

LAFAYETTE (318) 989-8047
CROWLEY (318) 788-3247
FAX (318) 988-3219

Lloyd G. Hoover, P.E.
District Manager
Alexandria, Baton Rouge,
Monroe, Shreveport, Texarkana

MAXIM
TECHNOLOGIES INC.

7222 Greenwood Road 71119
P.O. Box 19270
Shreveport, Louisiana 71149-0220
(318) 636-3673
(318) 636-3773 Fax



THE MEYER GROUP



Meyer and Associates, Inc.
Engineers • Planners
Vernon F. Meyer and Associates, Inc.
Surveyors
The Meyer Group, Inc.
Project & Construction Management

503 Cities Service Hwy. • P.O. Box 2149 • Sulphur, Louisiana 70664 • (318) 625-8353
5525 Mounes Street, Suite 102 • New Orleans, Louisiana 70123 • (504) 733-3770

Baton Rouge, LA
(504) 928-7848

McLean, VA
(703) 734-9093

Pensacola, FL
(904) 968-3799

email - meyer@afmeyer.com

A.F. Meyer & Associates, Inc.

Environment, Safety and Health;
Pollution Prevention, Hazardous Material Management,
Optimum Value Pollution Prevention for Navy and
Merchant Marine Applications
See our Home Page at <http://www.afmeyer.com>

MECO

Sea Water Conversion Equipment
Pharmaceutical Distilling Plants
Marine Heat Exchangers and Pumps
Refrigeration Systems

MECHANICAL EQUIPMENT COMPANY, INC.
861 CARONDELET STREET, NEW ORLEANS, LA 70130 U.S.A.

PHONE: (504) 523-7271
TELEFAX: (504) 525-4846

TELEX: 460165

mmlh

Meyer, Meyer, LaCroix & Hixson, Inc.
Consulting Engineers & Land Surveyors

Alexandria
318-448-0888

Baton Rouge
504-756-1447

Ruston
318-255-7236

MODJESKI AND MASTERS

CONSULTING ENGINEERS

Bridges • Highways • Structures
Mass Transit • Special Foundations
Reports Inspections Design
Inspection of Construction

1055 St. Charles Ave., New Orleans, La. 70130
(504) 524-4344

HERE'S YOUR OPPORTUNITY TO SET YOUR NAME IN STONE

DON'T PUT THIS PAPER ASIDE.
YOUR IMMEDIATE ATTENTION IS NECESSARY!

This is your only opportunity to have your name or
message on one of the 1600 4"x8" paving bricks
which are to be placed in the patio area of the
LOUISIANA ENGINEERING CENTER.

The Center will house the following organizations:

Louisiana Engineering Foundation
Louisiana State Board of Registration for
Professional Engineers and Land Surveyors
Louisiana Engineering Society
Consulting Engineers Council of Louisiana
Louisiana Society of Professional Surveyors

Bricks are being sold at \$100 each.
Customize your inscription.

DON'T DELAY! BUY YOUR BRICK(S) TODAY!

Thanks for your support of the
Louisiana Engineering Center.

Inscription can be 3 lines long, 14 to 16 letters per
line, inclusive of spaces and punctuation.

Name or Inscription Desired: _____

Please fill out the information above and return it with your check made
out to the

Louisiana Engineering Foundation. Mail to:

Louisiana Engineering Foundation
C/O Forte and Tablada, Inc.
9107 Interline Avenue
Baton Rouge, Louisiana 70809

Any questions call Ann Trappey, P.E. (225) 927-9321 or Waldemar
Nelson, P.E. (504) 523-5281

YOUR IMMEDIATE ATTENTION IS NECESSARY!



Taking care of your water and wastewater needs.

ENVIRONMENTAL TECHNICAL SALES, INC.

Ronnie Hebert, P.E.
7731 Office Park Boulevard
Baton Rouge, Louisiana 70809
Phone (504) 295-1200
Fax (504) 295-1800

Water •• Wastewater •• Sludge •• Air
Equipment — Systems — Solutions

MOHR & ASSOCIATES, INC.

Consulting Civil Engineers & Land Surveyors

6025 Buncomb Road
Shreveport, Louisiana 71129
Telephone: 318/686-7190



JAMES D. MOHR
PROFESSIONAL ENGINEER
PROFESSIONAL LAND SURVEYOR



MONTGOMERY WATSON

3501 N. Causeway Blvd.
Suite 400
Metairie, LA 70002
Tel: 504-835-4252
Fax: 504-835-0009

7742 Office Park Blvd.
Bldg. C Suite 2
Baton Rouge, LA 70809
Tel: 504-926-3991
Fax: 504-926-4886

Serving the World's Environmental Needs



Parsons Brinckerhoff Quade & Douglas, Inc.

3801 Canal Street
Suite 225
New Orleans, LA 70119-6071
504-488-1158
Fax: 504-488-3202
mcdaniels@pbworld.com

PETROLEUM ENGINEERS INTERNATIONAL, INC.

Drilling Completion & Workover Programs
Office and Field Supervision
Property Management - Total Operations
Turnkey Operations
Reservoir Engineers
Industry Training Schools

P.O. Box 52588
Lafayette, Louisiana 70505 (318) 233-5346



PICCIOLA & ASSOCIATES, INC.

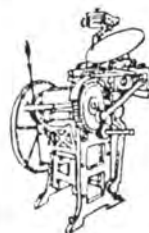
CIVIL ENGINEERS
LAND SURVEYORS

NAVAL ARCHITECTS
MARINE ENGINEERS

Marco J. Picciola, II, P.E., P.L.S.
President

P.O. Box 687
103 Picciola Parkway
Picciola Complex
Cut Off, Louisiana 70345

Phone: (504) 632-5786
Cellular: 691-1484
Fax: (504) 632-2407
E-Mail: picciola@cjunnet.com



FAX 355-2178

PRINTING INCORPORATED

3019 PLANK ROAD (504) 357-5961
BATON ROUGE, LOUISIANA 70805



**professional engineering
consultants corporation**

Consulting Engineers

1450 Seaboard Drive
Baton Rouge, La. 70810 (504) 769-2810

PRO-TECH
ENVIRONMENTAL SUPPORT SERVICES

Scott M. Bergeron, P.E.
President

**PROFESSIONAL TECHNICAL
SUPPORT SERVICES, INC.**

P. O. Box 3414
Baton Rouge, LA 70821
Corp. (504) 293-0136
FAX (504) 293-0196

Atlanta • Houston • Jacksonville • Pittsburgh

gregory c. rigamer & associates, inc.
professional consulting services

3230 W. Esplanade, Suite A
Metairie, LA 70002 (504) 836-6166
Michael W. Flores, P.E., P.L.S.
André DeHaan, P.E.



CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS • CONSULTANTS

Notary Public
Professional Engineer



Admitted in
Louisiana and
Mississippi

PERRY J. ROUSSEL, JR.
Attorney and Counselor at Law
1710 Cannes Drive
LaPlace, LA 70068

Roussel and Roussel FAX (504) 651-6592
Located on Belle Terre Blvd. Telephone (504) 651-6591



**SALMON &
ASSOCIATES, INC.**

Consulting Engineers serving the
Chemical, Petrochemical,
Petroleum and Metallurgical Industry

626 HIGHLANDIA
BATON ROUGE, LA 70810
(504) 752-7250

SJB GROUP
INCORPORATED

SJB Engineering
SJB Industrial Services
SJB Land Surveying
SJB Information Solutions
SJB Workcorps

P.O. Box 1751
Baton Rouge, LA
70821-1751
(504) 769-3400
Fax (504) 769-3596
www.sjbgroup.com
Gonzales, LA (504) 644-7900
Natchez, MS (601) 442-4040

Office Ph. (504) 868-1050
N.O. Ph. (504) 586-8222
Home Ph. (504) 872-6003
FAX Ph. (504) 868-5843

T. BAKER SMITH & SON, INC.

CIVIL ENGINEERS & SURVEYORS
LAND - OFFSHORE - HYDROGRAPHIC
ENVIRONMENTAL RESEARCH

412 South Van Ave.
P.O. Box 2266
Houma, LA 70361

WM. CLIFFORD SMITH, P.E., L.S.
President



STE
SOIL TESTING ENGINEERS, INC.

GEOTECHNICAL, ENVIRONMENTAL & MATERIALS
CONSULTANTS

316 HIGHLANDIA DRIVE
BATON ROUGE, LA 70810
(504) 752-4790
FAX 752-4878

4100 LOUISIANA AVENUE
LAKE CHARLES, LA 70605
(318) 474-1340
FAX 477-7702

SERVING DESIGN PROFESSIONALS IN PRIVATE PRACTICE

PROFESSIONAL LIABILITY INSURANCE

LOSS PREVENTION - RISK MANAGEMENT ASSISTANCE

INDUSTRIAL • PUBLIC WORKS
PETROCHEMICAL • COMMERCIAL
ENVIRONMENTAL • GOVERNMENTAL
AND MOST OTHER PROJECT TYPES

SERVING LOUISIANA
ENGINEERS • ARCHITECTS • SURVEYORS
FOR OVER TWENTY-TWO YEARS



ALEXANDER & SANDERS
9613 BROOKLINE • BATON ROUGE • 70809
504/924-1371

Now Available!!

**Professional Engineer
Income & Salary Survey 1998**

The full report, Publication #0098 is available for \$60 to NSPE members and \$150 to non-members from the NSPE Orders Dept., 1420 King Street, Alexandria, VA 22314 or at <http://www.nspe.org>.

— Office Space For Lease —

8126 One Calais, Baton Rouge - 1700 sq.ft. newly renovated
executive office space, all or part, janitorial services included.
Call (504) 766-2028 or 767-7822.



— Toys — for Tots

The Louisiana Engineering Society, in conjunction with the U.S. Marine Corps Reserve, will again be participating in the Toys for Tots campaign. Toys and or cash contributions (all monies collected will be used to buy toys) will be received by the State Office beginning November 1

and ending December 15. Toys are needed for boys and girls of

all age groups and must be in their original packaging (new). Please help a needy child by participating in this worthwhile program.

If you have any questions, please call Brenda at (225) 766-2028. Toys and cash contributions may be mailed to LES, 8126 One Calais, #1A, Baton Rouge, LA 70809

© **BELLSOUTH Mobility***

ATTENTION LES MEMBERS

New Service for Members!
Louisiana Engineering Society and
BellSouth Mobility
Team Up With A
Corporate Cellular Plan

FOR A LIMITED TIME ONLY

\$16.00/Month 30¢/Minute

HOW DO I SIGN UP?

For membership verification purposes you must contact **Nicole Blanco** or **Blane Brignac**, our BellSouth Mobility Representatives to be eligible for this offer. Certain credit requirements and contract restrictions apply.

For Greater Baton Rouge area, please call **Nicole Blanco** at (504)978-1900.

For Ascension Parish area, please call **Blane Brignac** at (504)644-0599.

For Lafayette, Hammond, New Orleans and surrounding areas, please call either of the above.

SUMMIT CONSULTING GROUP, INC.
ENERGY AND ELECTRIC UTILITY CONSULTANTS
> industrial & Electric Utility planning
> industrial plant energy cost reduction
> engineering / economic decision analysis
> management consulting
> strategic business planning

Ben Claassen, Jr., P.E., PhD (504) 833-3932

TQM Systems®

Making Quality a Reality

12382 Mollylea Drive
Baton Rouge, LA 70815-6616
Phone: 504-273-4972 Fax: 504-273-4979

M.M. "Mickey" Christensen, P.E.
President IRCA Lead Auditor # A003773
RAB Lead Auditor # Q01741

TURNER ENVIRONMENTAL, INC.

Consulting Engineers & Scientists

W. THOMAS TURNER, P.E.
President

700 W. SAKO DRIVE
SUITE 1
BATON ROUGE, LA 70805

TELEPHONE: (504) 225-4100
FAX: (504) 225-4100
Baton Rouge, LA 70805

DAVID VOLKERT & ASSOCIATES, INC.

Engineers • Architects • Planners

Patrick Wilson, P.E.
Vice President

3801 Canal Street • Suite 402
P.O. Box 791115
New Orleans, LA 70179-1115

(504) 486-6312
FAX (504) 486-6066

WALDEMAR S. NELSON AND COMPANY INCORPORATED ENGINEERS AND ARCHITECTS

1300 ST. CHARLES AVENUE
NEW ORLEANS, LA 70130



TELEPHONE: (504) 525-5281
FACSIMILE: (504) 525-4587
TELEX: 984351 HELBENQ

COMPLETE ENGINEERING AND PROJECT MANAGEMENT SERVICES
50 YEARS OF EXPERIENCE SERVING INDUSTRY

- | | |
|---|--|
| ☐ SITE PLANNING / PERMITTING | ☐ MONITORING / MODELING |
| ☐ CHEMICAL / PROCESS / PETROLEUM | ☐ MECHANICAL |
| ☐ CIVIL / STRUCTURAL | ☐ PIPELINE |
| ☐ ELECTRICAL / ELECTRONIC | ☐ MINING |
| ☐ ENVIRONMENTAL / SANITARY | ☐ HVAC |
| ☐ INSTRUMENTATION / CONTROLS | ☐ ARCHITECTURE |
| ☐ CONSTRUCTION MANAGEMENT | ☐ ASBESTOS |



WALK HAYDEL

A DAMES & MOORE GROUP COMPANY

- Project Managers
- Construction Managers
- Engineers
- Environmental Consultants

600 Carondelet Street
New Orleans, LA 70130-3587
Tel: (504) 586-8111 Fax: (504) 522-0554

Water King WATER CONDITIONING

James E. Bowie, Jr., Ph.D., P.E.
President

103 Charbonnet Road
Duson, LA 70529 U.S.A.

Phone 318 988-2360
Fax 318 981-7922



WINK, INCORPORATED

WINK ENGINEERING
W/E PROFESSIONAL SURVEYS
WINK ARCHITECTURAL
OCEANIC ENGINEERING

4949 Bullard Avenue Phone: 504/246-7924
New Orleans, LA 70128-3147 Fax: 504/246-8759
e-mail: wink@winkinc.com http://www.winkinc.com

URS Greiner Woodward-Clyde

Mike D. McDaniel, Ph.D.

Vice President
Operations Manager

URS Greiner Woodward-Clyde
2822 O'Neal Lane • Baton Rouge, Louisiana 70816
Telephone: (504) 751 1873 • Facsimile: (404) 753 3616
Internet: mrdmcdan@wcc.com
Offices in Principle Cities Nationwide

Governor Appoints Miller to Licensing Board



William H. Miller, P.E. vice-president of F. Miller & Sons, Inc. in Lake Charles, Louisiana, was recently appointed by Governor Mike Foster to serve a six year term on the Louisiana State Board of Registration for Professional Engineers and Land Surveyors. Mr. Miller is a member of the Louisiana Engineering Society, National Society of Professional Engineers, American Society of Civil Engineers and Deep Foundations Institute. He has served as LES Chapter Secretary, Vice President, and President in Lake Charles. Mr. Miller is married to the former Linda Corley and they have seven children and seven grandchildren.

LES is Looking For a Few Good Exhibitors

More than 300 engineers are expected to tour the exhibit hall during the Third LA Joint Engineering Societies Conference in Metairie, February 14 & 15, 1999, to learn about new developments in the latest products and services needed by engineers.

*Exhibit your products and /or service on
February 14 & 15, 1999*

RESERVE BOOTH SPACE NOW

Reach the key people in your markets - leaders of the engineering profession • Acquaint your prospects with your products and services • Over 8 hours of exhibit time to reach hundreds of engineers
• *Daily continental breakfast on the exhibit floor for delegates • Specialty areas include energy, civil, electrical, municipal, chemical, mechanical, and more!*

For more information on how to exhibit a product or service, contact Brenda Gajan at (225) 766-2028 or (FAX) 766-2038 to receive an information kit.

☐ Yes, I want to exhibit at the 1999 Joint Meeting and Exhibition.

Name: _____

Company: _____

Address: _____

City, State, ZIP: _____

Phone: _____ FAX: _____

Join us for a true family vacation June 20 - 23



Our breakout locations . . . LES 1999 Annual Meeting

THE RESORT AT



Come Outside and Play



Statement of Ownership, Management, and Circulation (Required by 39 USC 3685)

1. Publication Title Louisiana Engineer & Surveyor Journal	2. Publication Number 0024-6794	3. Filing Date October 7, 1998
4. Issue Frequency Quarterly	5. Number of Issues Published Annually 4	6. Annual Subscription Price \$24.00
7. Complete Mailing Address of Known Office of Publication (Not printer) (Street, city, county, state, and ZIP+4) LA Engineering Society, 8126 One Calais #1A, Baton Rouge, LA 70809		Contact Person Brenda Gajan Telephone (225) 766-2028
8. Complete Mailing Address of Headquarters or General Business Office of Publisher (Not printer) 8126 LA Engineering Society, One Calais #1A, Baton Rouge, LA 70809		
9. Full Names and Complete Mailing Addresses of Publisher, Editor, and Managing Editor (Do not leave blank) Publisher (Name and complete mailing address) LA Engineering Society, One Calais #1A, Baton Rouge, LA 70809 Editor (Name and complete mailing address) Brenda Gajan 8126 One Calais #1A, Baton Rouge, LA 70809 Managing Editor (Name and complete mailing address) Brenda Gajan 8126 One Calais #1A, Baton Rouge, LA 70809		
10. Owner (Do not leave blank. If the publication is owned by a corporation, give the name and address of the corporation immediately followed by the names and addresses of all stockholders owning or holding 1 percent or more of the total amount of stock. If not owned by a corporation, give the names and addresses of the individual owners. If owned by a partnership or other unincorporated firm, give its name and address as well as those of each individual owner. If the publication is published by a nonprofit organization, give its name and address.) Full Name Louisiana Engineering Society Complete Mailing Address 8126 One Calais #1A, Baton Rouge, LA 70809		
11. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages, or Other Securities. If none, check box ☒ None Full Name N/A Complete Mailing Address		
12. Tax Status (For completion by nonprofit organizations authorized to mail at special rates) (Check one) The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes: ☐ Has Not Changed During Preceding 12 Months ☐ Has Changed During Preceding 12 Months (Publisher must submit explanation of change with this statement)		

PS Form 3526, September 1995

(See Instructions on Reverse)

13. Publication Title Louisiana Engineer & Surveyor Journal	14. Issue Date for Circulation Data Below August	
15. Extent and Nature of Circulation	Average No. Copies Each Issue During Preceding 12 Months	Actual No. Copies of Single Issue Published Nearest to Filing Date
a. Total Number of Copies (Net press run)	5,854	21,900
b. Paid and/or Requested Circulation (1) Sales Through Dealers and Carriers, Street Vendors, and Counter Sales (Not mailed) (2) Paid or Requested Mail Subscriptions (Include advertiser's proof copies and exchange copies)	0 2,025	0 21,070
c. Total Paid and/or Requested Circulation (Sum of 15b(1) and 15b(2))	2,025	21,070
d. Free Distribution by Mail (Samples, complimentary, and other free)	38	38
e. Free Distribution Outside the Mail (Carriers or other means)	0	0
f. Total Free Distribution (Sum of 15d and 15e)	38	38
g. Total Distribution (Sum of 15c and 15f)	2,063	21,108
h. Copies Not Distributed (1) Office Use, Leftovers, Spoiled (2) Returns from News Agents	470 0	830 0
i. Total (Sum of 15g, 15h(1), and 15h(2))	2,533	21,938
Percent Paid and/or Requested Circulation (15c / 15g x 100)		

16. Publication of Statement of Ownership ☒ Publication required. Will be printed in the November issue of this publication. ☐ Publication not required.	Date 10/7/98
17. Signature and Title of Editor, Publisher, Business Manager, or Owner Brenda W. Gajan	

Instructions to Publishers

- Complete and file one copy of this form with your postmaster annually on or before October 1. Keep a copy of the completed form for your records.
- In cases where the stockholder or security holder is a trustee, include in items 10 and 11 the name of the person or corporation for whom the trustee is acting. Also include the names and addresses of individuals who are stockholders who own or hold 1 percent or more of the total amount of bonds, mortgages, or other securities of the publishing corporation. In item 11, if none, check the box. Use blank sheets if more space is required.
- Be sure to furnish all circulation information called for in item 15. Free circulation must be shown in items 15d, e, and f.
- If the publication had second-class authorization as a general or requester publication, this Statement of Ownership, Management, and Circulation must be published; it must be printed in any issue in October or, if the publication is not published during October, the first issue printed after October.
- In item 16, indicate the date of the issue in which this Statement of Ownership will be published.
- Item 17 must be signed.

Failure to file or publish a statement of ownership may lead to suspension of second-class authorization

PS Form 3526, September 1995 (Reverse)



If you are playing any part
in the new energy business...

You Gotta Be There!

1999 IEEE/PES NEW ORLEANS

Transmission and Distribution Conference and Exposition
Ernest Morial Convention Center, New Orleans, LA



April 11-16, 1999

Only the 1999 IEEE/PES Transmission and Distribution
Conference and Exposition offers:

14,000 Attendees

Networking opportunities with the most influential technologists, providers
of energy and their support groups, equipment manufacturers, consultants,
many others with new names and functions spawned by deregulation.



Over 300 Technical Sessions

Paper Presentations, Panel Sessions, Exhibitor INFO-SESSIONS.
Tutorials and Training that you can earn CEUs for attending, and
Technical Inspection Tours.



Conference Opening Session

and two **New Super Sessions** focusing on today's hot topics!

More than 500 Exhibiting Companies

displaying new products and services.



Social Events Conference Reception, Opening Luncheon, morning
coffee all included in the cost of Full Conference Registration fee.
International Reception, free for foreign attendees, all others invited for
a slight additional fee. Companion Activities, Collegiate Activities and
the sights and tastes of New Orleans for everyone!

You Gotta Be There! Budget For It Now!

Early registration only \$245 for IEEE Members, \$375 for others.
For information on exhibiting, call (718) 416-0600.

To receive the
Advance Program complete
and mail the form provided to
the address below
OR visit us on the Internet
to add your name to our
mailing list at
<http://www.99ieeet-d.org>

99 IEEE/PES T and D Conference

Entergy Services, Inc.

639 Loyola - L-ENT - 4E

New Orleans, LA 70113

NAME

COMPANY

ADDRESS

CITY

STATE

ZIP

COUNTRY



THE SPEC SHEET

Warren J. Wilder • CEC/L Executive Director
Consulting Engineers Section

WATSON APPOINTED TO REGISTRATION BOARD



Morgan M. Watson, P.E., principal in MEL-Jordan-LACE, Inc., Baton Rouge, LA, was recently appointed by Governor Mike Foster to serve a term on the Louisiana State Board of Registration for Professional Engineers and Land Surveyors. He replaces Vernon F. Meyer, P.E., Sulphur, LA, and he will represent the Private Practice

Sector. Watson served on the Board of Governors of Consulting Engineers Council of Louisiana (CEC/L) several years ago, holding various offices including Baton Rouge Chapter president (2 years), Member-at-Large (2 years), Secretary, Treasurer, Vice President and President-Elect. He served as CEC/L President in 1992-1993, and he was CEC/L's National Director the following year as he represented the Louisiana Member Organization on the Board of Directors of the American Consulting Engineers Council.

The first African-American to be appointed to this board, Watson was a 1966 honor graduate of Southern University and a 1971 graduate of Louisiana State University, receiving his Bachelor of Science and Masters of Science degrees respectively, both in Mechanical Engineering. Watson has served in various technical, academic and administrative capacities, including Associate Professor and chairman of the Mechanical Engineering Department, and Assistant to the Dean of the College Engineering at Southern University. He has authored several technical papers and has taught both at Southern University and Louisiana State University.

Active in his church and the community, Watson and his wife, the former Helen Johnson, are natives of Tensas Parish, and they have three grown children and one grandchild.



LIAISON COMMITTEE ACTIVE

The architects and engineers have gotten together and have formed a Liaison Committee. Established as the AIA/LA-CEC/L Liaison Committee, it has hit the ground running after its initial business meeting. The committee discussed at length the architects' efforts to get the State of Louisiana Division of Administration to "bless" a revised Owner/Designer contract document, an effort which has taken the architects working with representatives of Facility

Planning and Control over six years to produce the revised draft document.

The engineer representatives on the committee agreed to review copies of the document and a comparative analysis of the document and FP&C Procedure Manual to determine that the duties and responsibilities of the professional engineer, the subconsultant, have not been altered or diminished. There was also a great interest on the part of the committee to look into the current fee schedule for architects and engineers with the aim at possible revising the schedules as well.

Under the chairmanship of CEC/L member, Ron Boutte', P.E., Shreveport, LA, other committee members include Bren Kramer, P.E. and Ann Trappey, P.E., both of Baton Rouge, LA, and Ken McLaughlin, P.E., Metairie, LA. The AIA/LA architects on the committee include Tommy Boudreaux, AIA, Thibodaux, LA, David Brinson, AIA, Baton Rouge, LA, and Ron Filson, AIA, New Orleans, LA. Both organization's executive directors, Richard Thevenot and Warren Wilder, also attended the meeting. The committee will meet again in this month (November).



FIRE MARSHAL LIAISON COMMITTEE MEETS

Architects and engineers met as a committee several ago with the Fire Marshal's people to discuss several matters. Attending the meeting were Deputy Fire Marshal Jerry Jones, Henry Reed, Skipper Post, FAIA, Buddy Doming, P.E., Ron Boutte', P.E., Ken McLaughlin, P.E., and AIA/LA executive director, Richard Thevenot.

With regard to **High Rise Buildings**, the Sprinkler Law, Act 422 of the 1988 Regular Session of the Louisiana Legislature, which calls for all high rise buildings to be sprinkled by December 31, 1998, has been extended one year for building owners who can show to the State Fire Marshal a "good faith" effort to achieve compliance. What constitutes good faith is subject to the interpretation of the Fire Marshal.

The group also discussed the problem of achieving compliance with the code for new construction when, in a renovation project, the cost of renovation is more than 50% of the current value. Jones indicated that he would be glad to conduct a class to discuss specific aspects of the new building standards if the architects would provide a list of common problems or questions they wish to discuss.

Other items that were dissected included Fast Track Projects and the Certificate for Electrical Compliance. Buddy Doming, P.E. with the Fire Marshal's Office, discussed with the engineer members what he required on electrical plan submissions and how best to communicate these requirements to the engineers, architects and owners. The group finally discussed the recurring problem of standardized

review comments that are not specific to the plans. It was suggested that the plan reviewers be instructed in the response letter to use only brief notations that refer to specific comments on the drawings or in the specifications. The committee meets on a fairly regular quarterly basis.



CEC/L WELCOMES NEW MEMBERS

The CEC/L Board of Governors and the General Membership welcomes the three newest members:

E.J.A., INC., Baton Rouge, LA, offers consulting services in Mechanical and Environmental Engineering. The firm is operated by Elmer Jones, P.E.

IRISH ENVIRONMENTAL GROUP, L.L.C., Shreveport, LA, is qualified in the fields of Water/Wastewater Treatment, Water Distribution/Wastewater Collection Systems. The president of the firm is Lynton Bert Irish, Jr., P.E.

JUNO GUEDRY, P.E., Lafayette, LA, offers services in Mechanical Engineering. The firm's owner is Juno Guedry, P.E., a licensed mechanical engineer.

CEC/L encourages these members to take an active role in their chapter activities. If you run into Elmer, Lynton or Juno, extend a hand of friendship and welcome them to the group.



LDOTD SECRETARY NAMED

Kam K. Movassaghi, P.E., an engineering professor at the University of Southwestern Louisiana in Lafayette, has been named by Governor Mike Foster to head the Louisiana Department of Transportation and Development. He succeeds Frank Denton who resigned in mid-October citing personal reasons as his reason for departure. Movassaghi will come on board in December at the conclusion of the Fall Semester at USL. Consulting Engineers Council of Louisiana offers Kam a warm "CONGRATULATIONS and GOOD LUCK!" and stands ready to assist the new Secretary in whatever manner deemed appropriate.



STRATEGIC PLAN TO BE REVISITED

CEC/L's president, Don Clayton, P.E., has announced that as one of his initiatives, he will appoint a committee to review the current CEC/L Strategic Plan and ultimately make recommendations as to additions to the plan. The plan's Mission Statement spells out the overriding purpose of the organization:

"The mission of the Consulting Engineers Council of Louisiana is to assist member firms in achieving higher professional, ethical, business and economic levels and in improving their public image, thus enabling them to better provide quality engineering services in the interest of their clients and the public."

The current Plan focuses on strengthening the Legislative program by developing a Strategy Stage and an Action Stage. Emphasis

is also placed on effective Membership Recruitment by getting the chapters involved in soliciting prospects.

The Board of Directors of the American Consulting Engineers Council approved a revised Vision Statement and Strategic when it met in May in Hawaii. The abbreviated statement announces: **"The American Consulting Engineers Council will be the organization leading the business interests of firms providing professional knowledge and services for the build environment."**

The ACEC Strategic Plan is divided into four general sections:

1 ENHANCE THE IMAGE...

...of all professionals working in the built environment by...

- Becoming the voice and the resource for information on matters pertaining to the built environment
- Formulating effective methods of expressing to the general public the role of professionals in the built environment and how this role affects everyday life
- Assuming a leadership role to influence academia to assure new generations of students will enter our professions and become future leaders in all fields of endeavor related to the built environment

2 CREATE AND MODERNIZE SERVICES...

...to encourage new member participation and enhance the involvement of current member firms by...

- Creating new programs, products, and services which support the business needs and improve the services of professional firms serving clients in the built environment
- Enhancing current programs, products, and services to increase the benefits for member firms; and eliminating those programs, products, and services when they no longer provide benefits to member firms

3 POSITION THE COUNCIL...

...to creatively and proactively promote the business of all professionals in the built environment by...

- Providing a forum for all firms and organizations assuring that issues affecting their business interests can be identified, discussed, and resolved effectively
- Expanding the Council's business advocacy role and impact on government affairs at all levels
- Establishing ACEC as the center for leadership development for all member firms

4 REMOVE THE BARRIERS...

...to strengthen ACEC and its member organizations by...

- Broadening membership opportunities at local, regional, national, and international levels for all firms that provide professional knowledge and services for the built environment
- Establishing a governance and leadership development capacity, which creates a volunteer-led organization, and professional staff that encourages rapid response and facilitates growth.

The CEC/L Board of Governors has indicated that the Strategic Plan, once it is reviewed and "overhauled", it will be the subject of regularly scheduled scrutiny and not some document that will be placed on a shelf to gather dust.

CASSO LEAVES ACEC

Mark A. Casso, Esq., Deputy Executive Vice President and General Counsel of the American Consulting Engineers Council, has left ACEC to head the Construction Industry Round table (CIRT). Casso has been with ACEC for over 12 years, serving in progressively more senior positions, and was named Deputy Executive Vice President in 1991. In this capacity, he served as operations manager, including managing budgets and finance, public affairs, government affairs and advocacy, and administration. As ACEC's General Counsel, he also provided legal guidance to the association and to its independent consulting engineering firms. Casso will take the reins as president of the CIRT, which represents the largest firms in the nation's design and construction arena, including architects, constructors and consulting engineers. Prior to his tenure with ACEC, Casso served as Director of Government Affairs at the American Institute of Architects and as an associate with the Washington law office of Stewart and Stewart. Of Mark Casso, CEC/L's executive director, Warren Wilder, says, "Mark is a good friend. I have called him many times over the years for legal opinions or simply to obtain logical answers to tough questions. He has ALWAYS been there for me with information that I have sought. I surely will miss him. I wish him, and his beautiful family the very best of luck as he embarks on this new adventure."



DELEGATION OF DESIGN

From Volume XXVIII, Number 2, the September, 1998 issue of Victor O. Stinger & Co., Inc.'s "Guidelines for Improving Practice," a Risk Management newsletter, comes this little tidbit:

The inclusion of design delegation language in the 1997 version of the AIA General Conditions (A201) has led to extensive commentary on its application in practice and some legal questions as to its effectiveness in relation to liability exposure of the various parties.

To date there have not been any court decisions on these questions, but a decision of the New York court, involving essentially the same procedure for design delegation as set forth in the AIA document, dealt with the legality of such a procedure under the state professional licensing law.

The court upheld a rule of the Board of Regents, which oversees professional licensing, allowing design professionals to delegate "ancillary" parts of the design to contractors. Under the authorizing procedure, it is required that the delegated design must be performed by a licensed design professional. The assigning architect or engineer must specify the parameters that the design must meet, and must then review and approve the submitted design for conformance with the established specifications and the overall design intent.

Rejecting the claim of contractor groups that this procedure would violate the professional licensing law, the court said that the rule is a reasonable balance to accommodate both public safety concerns and the flexibility required for utilization of special expertise. The court also noted the AIA's adoption of the same procedure is consistent with customary practice in the building industry. *General Building Contractors v. New York State Education Dept.*, Supreme Court, No. 6058-98

ENGINEERING CENTER ...CONSTRUCTION MOVES RIGHT ALONG



The Louisiana Engineering Center marches toward completion at an accelerated clip. The photo shows the entrance of the facility in early October. It is anticipated that the facility will be substantially complete by the end of November with organizations being given the green light to occupy by January 1, 1999. The Executive Directors of the Louisiana Engineering Society and Consulting Engineers Council of Louisiana, as well as the other future tenants, have met with the contractors, architects, and subcontractors several times to assure specifically that the wiring for phones, fax machines, and computer set-ups is correct.

IT'S STILL NOT TOO LATE TO ORDER YOUR BRICK(S) FOR THE PATIO AREA. THIS IS THE PERFECT TO MEMORIALIZE A LOVED ONE, OR TAKE ADVANTAGE OF A LITTLE ADVERTISING. HAVE YOUR NAME, OR THAT OF YOUR FIRM, OR A SHORT MESSAGE ETCHED ON THE BRICKS. CALL ANN TRAPPEY AT FORTE AND TABLADA, INC., BATON ROUGE, LA (225) 927-9321



MESSAGE FROM THE CHAIRMAN...

Jorge M. Ferrer, P.E.

No one can argue about the benefits of having a Continuing Professional Development (CPD) program. There is a history of many different professional groups developing and implementing CPD programs. January 1, 1999 is the starting date for those registered as Professional Engineers and Professional Land Surveyors in Louisiana to comply with CPD requirements. I am a firm believer that good laws/rules have to meet the expectancy of the regulated community. How good the CPD rule is will ultimately rest on people's acceptance. The Board has worked very hard with the Technical and Professional Societies to develop a constructive rule making process.

We as a licensing Board can offer no better argument in protecting the health, safety, and welfare of the public, while promoting good science and new technologies for Engineer and Land Surveyor licensees than a good CPD program. We hope that future actions indicate positive attitudes by displaying a behavior of good judgment and compliance. Based on past experience, we believe that this will be the case.

While I have discussed the pros and cons of CPD, the two comments that have impressed me the most from the feedback received

by licensed Engineers and Land Surveyors were: first, "we are doing it now," and second, "to be competitive in the market place, we need to keep abreast of the new technology." It is my sincere belief that our CPD program will compliment these statements. Also, the Board is greatly encouraged by the number of seminars and lectures being proposed by the Professional and Technical Societies, Academia, Government Organizations, and Industry, in particular the professional ethics courses. On behalf of the Board, I would like to say thanks to the people and groups that took part in the public hearings and wrote to us with their comments. The Board made some minor modifications to the CPD rule based on these comments and also as required, answered every formal final comment in a timely manner.

In closing, I would like to thank Mr. Merlin Pistorius, who for 3-1/2 challenging years chaired the CPD Committee, the Board Staff that worked so hard and diligently, and last but not least, the Board members, who in my modest opinion are an extremely dedicated and knowledgeable group of individuals working together to advance the professions of Engineering and Land Surveying while at the same time protecting the citizens of Louisiana.

Board Members

Jorge M. Ferrer, PE
Chairman
Merlin A. Pistorius, PE/PLS
Vice Chairman
Allison J.P. Launey, PE
Secretary
Jerry G. Lazenby, PE/PLS
Secretary/Treasurer
Charles G. Coyle, PE/PLS
Member
Lawrence Mann, Jr., PE
Member
Frank L. Messinger, III, PLS
Member
William H. Miller, PE/PLS
Member
Bobby E. Price, PE
Member
Richard M. Primeaux, PE/PLS
Member
Richard E. Ruckstuhl, PE/PLS
Member
Morgan M. Watson, PE
Member

Board Staff

H. Glen Kent, Jr., PLS
Executive Secretary
Michael B. Boudreaux, PE
Deputy Executive Secretary
Benjamin S. Harrison
Director of Enforcement
Cynthia Fontaine
Administrative Secretary
225-295-8522
225-295-8525 FAX
<http://www.lapels.com>

Board Web Site

As we reported in the last newsletter, the Board's site on the World Wide Web (WWW) is now operational. The address (URL) of the home page is "<http://www.lapels.com>" and we are attempting to provide the most current and useful information to the registrants.

The information currently available includes:

- Listing of active individuals and firms
- Contacts at the Board
- Law and Rules of the Board
- Information about Seals/Stamps and firm applications
- Fee Schedule
- Examination Schedule
- Proposed CPD Requirements

Presently, we are connected to the Internet with a standard 28.8 bps dial-in connection through a local Internet Service Provider. Consequently, you will find the connection rather slow if you are loading one of the files listing registrants. Eventually, we hope to use our own Web server which would provide much faster connections and allow us to provide queries for registrants.



Board Enforcement and Disciplinary Actions

by Benjamin S. Harrison
Director of Enforcement

I did not have sufficient space in my disciplinary action article in August to summarize all disciplinary action items the Board has addressed between May 1996 and June 1998. Below you will find summaries on six additional disciplinary matters.

Failure to sign and seal plans.
Inaccurate and incomplete plans.

Mr. Thomas P. Reed, Sr., P.E., P.L.S. agreed to a Consent Order to resolve charges that he did not sign and seal design plans on an engineering project and that the plans were inaccurate and incomplete. Mr. Reed was fined \$1,000.00, required to complete the Board's Law and Rules Examination, required to submit plans for his next six projects for Board review and his registration was suspended for one (1) year with execution of same being stayed based upon successful completion of all other disciplinary action.

Signing and sealing of plans not prepared under registrant's direct control and supervision.

Mr. Carlos J. Christina, Sr., P.E., P.L.S. agreed to a Consent Order to resolve charges that he sealed and signed engineering plans for submission to the State Fire Marshal's Office which were not prepared under his direct control and supervision. Mr. Christina's registration was suspended for one (1) year with execution of suspension stayed contingent upon his completion of a Professionalism and Ethics Course from Texas Tech University and the successful completion of the Board's Law and Rules Examination within six months.

Mr. Roy M. Carubba, P.E. agreed to a Consent Order to resolve allegations that he signed and sealed engineering plans which were not prepared under his direct control and supervision. Mr. Carubba agreed to successfully complete an Ethics and Professionalism correspondence course at Texas Tech University and the Board's Law and Rules Examination.

Unlicensed practice of land surveying.

Mr. Joey M. Tureau, P.E., L.S.I. agreed to a Consent Order to resolve allegations that he practiced land surveying without licensure when he performed what he identified as "jobsite inspections" on sixteen locations which depicted a relationship between house slabs and/or houses and property boundaries in order to certify there was no encroachment by or against property. Mr. Tureau agreed to terminate offering or providing such services and was fined

\$1,000.00 which was stayed contingent upon no further violations.

Failure to sign and date all plan sheets.
Signing and sealing plans not prepared under registrant's direct control and supervision.
Incomplete plans.

A licensed P.E. agreed to a Consent Order to resolve allegations that he submitted plans to the Fire Marshal's Office for a Life Safety Code review which were incomplete and not prepared under the direct control and supervision of the registrant and further that the registrant had not sealed and dated all plan sheets. The registrant was fined \$400.00 and was required to complete the Board's Law and Rules Examination.

Reprimand of Louisiana P.E. based upon action in Oklahoma.

A P.E. resident of Texas who is also registered in Louisiana and Oklahoma was disciplined in Oklahoma for aiding and assisting an unlicensed firm in the practice of engineering. The Louisiana registrant agreed to a reprimand and completion of the Board's Law and Rules Examination as part of a Consent Order with the Louisiana Board.

Enforcement Problem Areas

In May 1998, the Board received approval from the State Contracts Office to enter into a contract with Mr. Larry A. McKee, P.E., of L. Abraham McKee Engineers and Contractors, Inc. Mr. McKee was contracted to provide an engineering review of plans and associated documents submitted to the plans review section of the Office of the State Fire Marshal (FMO) for life safety code compliance which are identified by FMO plan reviewers as being potential plan stamping or "Not In Compliance" competency issues.

As of September 1, 1998, Mr. McKee had reviewed plans from sixty-three "problem" projects, thirty-four which came from the FMO and twenty-nine which the Board had received from the FMO through a Codes Consultant of the Louisiana State Board of Architectural Examiners prior to Mr. McKee's employment. Of the thirty-four projects that came from the FMO, twelve (35%) satisfactorily complied with the regulations of the Fire Marshal, two were submitted for the improper use of the term "Architect" and four of the referrals were shop drawings. The remaining sixteen (47%) were non-compliance projects. The Board already investigated and is in the process of taking disciplinary action dealing with some of the violations that were identified as a result of Mr. McKee's reviews.

We continue to see problems in relationship to work being submitted to the FMO that is signed and sealed by professional civil engineers who do not have direct control and supervision over the engineering work they are sealing. In fact, a number of engineers we have interviewed in matters like this have told us



that although they have some familiarity with life safety codes and American Disabilities Act - Accessibility Guidelines (ADA-AG) they depend heavily upon a draftsman/designer to make sure that the life safety code information and ADA - AG information on their plans is accurate. In many of the above instances, the draftsman's/designer's relationship to the engineer was not as an employee, but that of a client. However the draftsman/designer appeared to be exercising as much supervisory responsibility as did the professional engineer. The Board's position is that an engineer must not seal engineering work dealing with subject matter in which the engineer is not totally competent by education or experience. Likewise, the professional engineer must exercise **direct control and personal supervision** over plans, specifications, drawings, reports or other documents. Being nothing more than a reviewer and changer of plans prepared by those who are not under the **direct control and personal supervision** of the registrant is simply not acceptable.

In addition, the Deputy Fire Marshal and Chief Architect, Jerry Jones, has advised us that he is concerned over the number of "Not In Compliance" shop drawings that the FMO is receiving. The importance of shop drawings to the integrity of a project cannot be emphasized enough. According to Mr. Jones, it appears that some professionals of record are not properly reviewing shop drawings, choosing instead to do no review or only a cursory review before placing their shop drawing review stamp on the drawings.

One of the other problem areas we have noticed is in the area of electrical drawings submitted to the FMO for review. The Fire Marshal now has a registered professional electrical engineer on staff who reviews the electrical drawings for electrical code compliance. According to Mr. Jones, many plans being submitted by project engineers are being rejected because they have incomplete electrical drawings. It is likely that project engineers are trying to place excessive responsibility upon project electrical contractors to decide for

them what the correct electrical design should be for the electrical part of the project.

Registrants should keep in mind that the board is receiving a substantial amount of feedback regarding projects being submitted to the FMO that are returned to the registrant as being "Not In Compliance." The Board fully understands that a registrant's receipt of a "Not In Compliance" letter from the FMO is not by itself overly significant, as all persons are human and sometimes humans make mistakes and overlook things. However, when the same registrant continues to get "Not In Compliance" letters for the exact same reasons it usually indicates that the registrant has a lack of knowledge and understanding in that particular area.

It should be clear by now that the Board's number one priority is safeguarding the life, health, and property of the public. The Board will continue to aggressively address these problem areas and will gladly accept any suggestions or help in better serving the public.

For the most part registrants of the Board are doing a good job in the above areas; however, it only takes a few bad apples to destroy the goodness of the others.

- Board Meeting Dates -

November 16-17, 1998

January 25-26, 1999

March 15-16, 1999

Sam L. Sullivan, Jr. Recognized by NCEES

At its annual conference in August, the National Council of Examiners for Engineering and Surveying (NCEES) recognized Mr. Sam L. Sullivan, Jr., P.E., former member of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors. Mr. Sullivan was awarded the prestigious *Distinguished Service Award* which is given to recognize outstanding service to the NCEES as well as outstanding contributions to the advancement of licensure and the profession.

Outstanding service to the NCEES is construed to include such services as an officer of the Council, as a committee chair or vice chair; presenting papers or panel service at Annual Meetings; meaningful committee service on standing committees including attending committee meetings; meaningful contributions on procedures of major Council functions, i.e., examinations, NCEES Records, or constitutional changes.

Outstanding contributions to the advancement of licensure and the profession are construed to include such contributions as authoring papers for publication in regional or national magazines on affairs of licensure, attending ABET's annual meetings or service on an ad hoc inspection team; appearing on panels or programs at annual meetings of engineering societies on licensure matters; service as chair or vice chair of the licensure committee or the ethics and practice committee of a national engineering society; or making meaningful contributions to such committees including attendance at meetings.

"Mr. Sullivan was formally recognized by the NCEES as follows: Mr. Sam L. Sullivan, Jr., P.E., has been a member of the Louisiana Board of Registration for Professional Engineers and Land Surveyors for over ten years, serving as chair for one year. During his ten years of service, Mr. Sullivan has also been an active member of the NCEES. He served as Secretary/Treasurer of the Southern Zone from 1993-1994 and has been active on several committees, including Examinations for Professional Engineers, International Relations, Examination Audit, and Examination Policy and Procedures. He served as chair of the Committee on Examinations for Professional Engineers for three years. Mr. Sullivan has played an important role in the advancement of licensure in Louisiana. He was a major advocate in opening registration to environmental engineers, marine engineers, and naval architects. In addition, Mr. Sullivan was the leading board member in Louisiana to begin a dialogue with industry concerning the industrial exemption. His work has led to the registration of engineers working in industry and may lead to the abolishment of this exemption in Louisiana."

EXAMINATION SCHEDULE

Examination	Examination Date	Application Postmark Deadline Date
Principles & Practice of Engineering (8 hr):		
Civil (including Structural and Sanitary), Chemical, Electrical, Environmental, and Mechanical	04/23/99	01/25/99
	10/29/99	08/02/99
	04/14/00	01/16/00
Agricultural, Control Systems, Industrial, Metallurgical, Mining, Nuclear, and Petroleum	10/29/99	08/02/99
	10/27/00	07/31/00
	10/26/01	07/30/01
Principles & Practice of Land Surveying (6 hr)		
	04/23/99	10/26/98
	10/29/99	05/03/99
	04/14/00	10/17/99
LA Laws & Procedures of Land Surveying (2 hr)		
	04/23/99	10/26/98
	10/29/99	05/03/99
	04/14/00	10/17/99
Fundamentals of Land Surveying (8 hr)		
	04/24/99	10/26/98
	10/30/99	05/03/99
	04/15/00	10/17/99
Fundamentals of Engineering (8 hr)		
	04/24/99	01/25/99
	10/30/99	08/02/99
	04/15/00	01/16/00

CONTINUING PROFESSIONAL DEVELOPMENT UPDATE

The CPD Committee completed reviewing the public comments made to the Notice of Intent. Proposed revisions were submitted to and adopted by the Board at the October Board meeting. A report was subsequently submitted to the legislative oversight committees on October 9, 1998. If the Board receives favorable oversight review, then the anticipated date for publication in the *Louisiana Register* as a final rule will be November 20, 1998.

The proposed rule with revisions, as submitted to the legislative oversight committees can be found on the Board web site, www.lapels.com. Just click on "Continuing Professional Development - New" once the homepage appears. Please remember that this may not be the final version of the rule. A final version will not be available until the legislative oversight process is complete and the final language is approved by these committees.

Upon transmittal of the revised rule to the legislative oversight committees, the board urged adoption of the rules for the following reasons:

1) The State Fire Marshal has requested that education requirements be imposed on building design professionals.

- 2) The complexity of our society requires continuing education of professional engineers and land surveyors to insure protection of life, health, property and the public welfare.
- 3) The profession of engineering is so broad and is so much a part of every aspect of our lives that great flexibility must be provided to allow a great diversity in activities which will comply with CPD requirements.
- 4) The Louisiana Society of Professional Surveyors formally requested adoption of CPD.
- 5) The adoption of continuing education rules by the Louisiana State Board of Architectural Examiners (LBAE) for those practicing architecture necessitates concurrent CPD for those engineers practicing engineering design of buildings and building systems.
- 6) The proposed rules closely follow the NCEES Model Law which will allow comity with other states in which engineering and surveying registrants may be licensed.

April 1998 Louisiana Examination Results

(Total LA Examinees/LA Pass %/National Pass %)

Professional Engineering

Principles & Practice

Chemical	17/35/38
Civil	81/31/31
Electrical	34/32/37
Environmental	9/33/38
Mechanical	54/57/46

Fundamentals

All Examinees	381/67/69
Students Only	310/71/81

Professional Land Surveying

Principles & Practice	10/40/67
Louisiana Laws	16/38/--
Fundamentals	8/63/52

Has Anything Changed in the Last Ten Years?

As pointed out recently during the Continuing Professional Development rule-making process, less than 1/2 of 1% of the engineers licensed in Louisiana submitted comments to the Board. I found an interesting article by Mr. Paul L. Landry, P.E., former Executive Secretary of the Board, published in the December 1988 issue of the *Louisiana Engineer*. I think that many of our registrants will find this article very interesting!

Engineers, Where Are You?

At the recent state annual meeting of the Louisiana Engineering Society in Alexandria, Louisiana, about thirty or forty engineers showed up. The Louisiana Engineering Society has a current membership of about twenty-five hundred.

The Board of Registration for the State of Louisiana had on its active roles on October 4, 1988 a total of twenty thousand six hundred and four registrants. About four hundred of the registrants are Land Surveyors or Land Surveyors-in-Training and not Engineers. That still leaves over twenty thousand registrants of the Board of

Registration for Professional Engineers and Land Surveyors who are either Professional Engineers or Engineers-in-Training. About half of that number live in the State of Louisiana, conservatively over nine thousand.

That means that less than one-half of one percent of the Engineers are making the decisions for the remaining ninety-nine point five percent of the registered Engineers who reside in the State of Louisiana.

My simple conclusion is that as Professional Engineers we are "letting Joe do it." We are either satisfied with what "Joe" is doing or we simply don't care.

If you are satisfied with what "Joe" is doing for you then consider helping "Joe". I see "Joe" getting very tired.

If on the other hand you conclude that you don't care then get out of the Business of Engineering. Make room for the ones who do care because there is a lot to be done in this world by Engineers especially in the state of Louisiana. Gentlemen, ladies, we don't need "free-loaders".

If we as Engineers continue to be non-participants in our professional society, decisions will be made for us. Critical decisions are about to be made in this state. Be a party to those decisions by participating in your local, state and national professional society. Don't just let "Joe do it" —you may not like what "Joe" is about to do for you.

("Engineers, Where Are You?", *Louisiana Engineer*, December 1988, page 16.)

L'ARPENTEUR LOUISIANE

This section is the official publication of the LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS,
An Affiliate of the American Congress on Surveying and Mapping, and the National Society of Professional Surveyors
LSPS • 6141 Parkforest Drive, Baton Rouge, LA 70816 • Phone (225) 752-5955 • Fax (225) 752-7623
E-mail: lspd@cmq.com • Website: www.communique.net/~lspd

President's Message

By: Melvin L. Harrison, PLS, LSPS President



This year is fast coming to an end. What does this mean to you?

CONTINUING PROFESSIONAL DEVELOPMENT

As a professional surveyor, one of the things this means is preparing yourself to obtain the necessary continuing professional development credits (CPD) required by the State Board of Registration. On January 1, 1999, every Professional Surveyor will be required to obtain 15 professional development hours (PDH) for each biennial registration renewal period. A licensee will not be required to show verification of CPD credit until the end of his first complete biennial registration period after January 1, 1999. Walt Ballard, LSPS Vice-President has prepared a good report addressing the verification dates for CPD credits. Please see the report below:

- ♦ As of September 28, 1998, seventeen hundred seventy-eight (1,778) individuals are licensed to engage in the practice of land surveying in the State of Louisiana.
- ♦ The Louisiana State Board of Registration for Professional Engineers and Land Surveyors (LSBRPELS) has four (4) biennial billing cycles for registration renewals.
- ♦ During each biennial registration renewal period, every land surveyor registrant is required to obtain 15 PDH's in land surveying related activities: **at least one PDH shall be in ethics; a minimum of four PDH's shall be earned in the *Minimum Standards for Property Boundary Surveys in Louisiana* during any two consecutive biennial periods.**
- ♦ A licensee will not be required to show verification of CPD credit until the end of his first complete biennial registration period after January 1, 1999.

BILLING CYCLE	NO. OF PLS	BEGINNING DATE	CPD VERIFICATION DUE BY:
1	527	2/1/99	2/1/2001
2	404	8/1/99	8/1/2001
3	366	2/1/2000	2/1/2002
4	481	8/1/2000	8/1/2002
	1778		

LSPS, a Board approved sponsor, will make a special effort to provide seminars and workshops needed to obtain the necessary CPD credit. Other Board approved sponsors are federal, state or local government agencies, and colleges or universities. Plan to attend the necessary educational sessions to be prepared for your license renewal. For further questions concerning CPD requirements, contact the State Board of Registration.

COME JOIN OUR SOCIETY

The Louisiana Society of Professional Surveyors is enjoying its 38th active year! The society is well represented throughout the state as well as the country. Our membership is grouped in to nine districts.

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 Members

The membership is approximately 520 strong with six different classifications. A General Membership Meeting takes place each spring which coincides with the Annual Convention. This is a great opportunity to meet fellow surveyors around the state and country to discuss similar solutions and victories. In addition, LSPS sponsors several seminars and workshops throughout the year, with the Fall Technical Session being a main attraction. LSPS is affiliated with the American Congress on Surveying and Mapping, a national voice for surveyors.

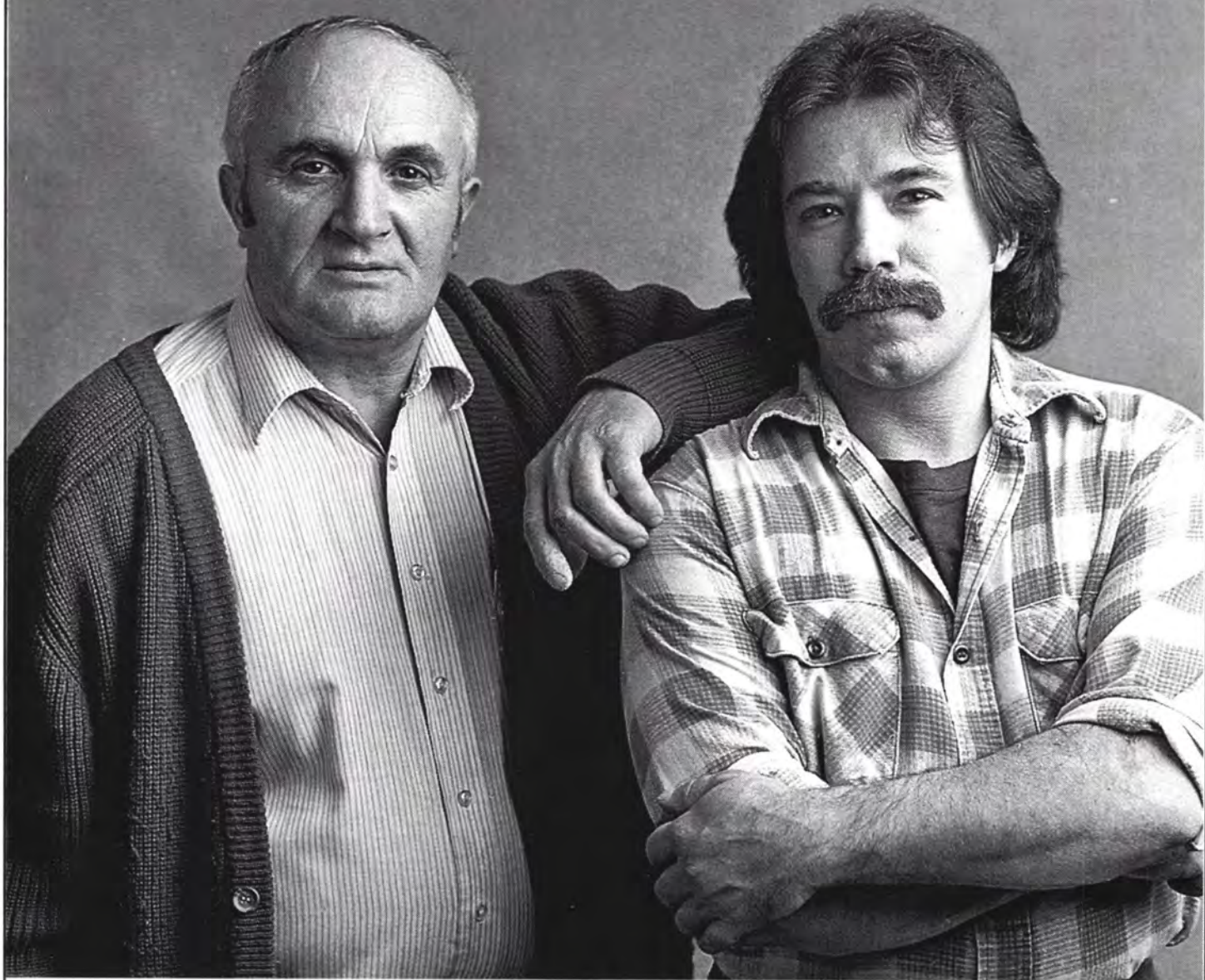
Our surveying profession is constantly changing. We need more voices to represent us into the next century. We welcome your membership in joining us in promoting and strengthening our profession. An application for membership can be found on page ____.

"Change is the law of life, and those who look only to the past or the present are certain to miss the future." John F. Kennedy



40 50

We came back to Leica



I built my business with a WILD T2. Today, my son's growing it with Leica's TPS 100 Series.

Nothing could compare with my WILD T2. Reliable and accurate, with those incredible Swiss optics. I could always count on that instrument. In fact, I built my business with it.

But times change. Technology moves ahead. Today, WILD is Leica. And my son's running the show. And, though we've tried other instruments over the years, we both agree that today's Leica instruments are better than ever. Faster.



Easier to use. Accurate and reliable—even in the toughest working conditions. And with a low price our business can afford.

My son does things his way, but every now and then, he still listens to the old man. And we still count on Leica. In fact, he's growing the business with it. *For more details, call Leica today at 800-367-9453.*

Leica

MADE TO MEASURE

Lee Drennan • Leica Geosystems Inc. • 314 Ormond Village Drive • Destrehan, LA 70047 • 504-764-3800

A-a-i-e-e-e!

Bienvenu Mes Amis!

All roads lead to Houma in 1999!!

Laissez les bons temps roulet!!



Did someone say Surveyors? Ummm, taste like poule'deau!

It's That Time Again!

The **LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS** is holding its **1999 ANNUAL CONVENTION** in Houma.

The event will be held in the newly constructed Houma – Terrebonne Civic Center. Activities begin with a golf tournament and icebreaker on Wednesday, May 5, and end with the Annual Banquet on Friday, May 7.

The Convention Committee has lined up top-notch speakers to fulfill the new requirements for Mandatory Continuing Education. Subjects and speakers ranging from *Professional Liability* by Wyatt Sanders and Dale Clary, *Professional Ethics* and *Corner Restoration* by Dennis Moulard and the *Minimum Standards for Property Boundary Surveys* by LSPS's Steve Estopinal will be offered. All hours necessary to fulfill the biennial requirements of the Louisiana Board of Registration for Professional Engineers and Land Surveyors will be offered at this event.

All daytime activities, including presentation of exhibits, annual business meeting, luncheons and technical presentations, will be held at the Houma – Terrebonne Civic Center.

In addition to the exhibitors of surveying related equipment and products, reproduction equipment, and computer hardware and software vendors, we will have display booths to accommodate larger exhibits such as airboats, marsh buggies, ATV's, survey vehicles and marine products.

As normal, expect a full plate of social activities, beginning on Wednesday, May 5, with the Annual Golf Tournament at Ellendale Country Club and an evening Ice-Breaker at the Civic Center sponsored by Mr. Charlie Poche', president and owner of Navigation Electronics, Inc. A seafood boil will be held on Thursday, May 6, at the Holiday Inn, the LSPS Convention Host Hotel, with a Zydeco band providing music for your dancing and entertainment. The Convention will end with the Annual Banquet and Presentation of Awards Ceremony on Friday evening, May 7, at the Civic Center.



Yuck! Must be from District II.

In addition to the block of seventy-five rooms being reserved at the Holiday Inn on Hollywood Road, Houma has the Quality Inn on Tunnel Boulevard and the newly opened Hampton Inn and Fairfield Inn on Martin Luther King Boulevard.

Look for information on what promises to be an outstanding event in future issues of the *L'Arpenteur Louisiane*, on the LSPS Web Site (<http://home.communique.net/~lsp/>) and in separate LSPS mail-outs.

District II looks forward to offering our own Houma style of Southern Hospitality to everyone in attendance. Come have some fun, meet old friends, and at the same time, fulfill your continuing education obligations in one trip.

HOTEL RESERVATIONS:

Holiday Inn (Host)	(504) 868-5851
Quality Inn	(504) 879-4871
Fairfield Inn	(504) 580-1050
Hampton Inn	(504) 873-3140

Summary of Minutes – LSPS Board Meeting October 2, 1998

Mike Mayeux presented the Minutes from the August 7, 1998, Board Meeting. The Minutes were not read aloud. Chad Morris requested that a change be made under District Reports – District 6. Change second sentence to read, "District 6 is sending a suggestion to the Professional Practices Committee for possible amendment to the Minimum Standards regarding monumentation identification." Mel Harrison made a motion to accept the Minutes as amended, second by Johnny Robichaux—Minutes were approved as amended.

STATE BOARD OF REGISTRATION

Mr. Glen Kent advised that recommendations from the CPD Committee will be submitted at the next State Board meeting; there were changes made after the public hearing process. If this draft is approved, final publication of the rule will occur November 20th. Mr. Kent discussed the license renewal cycle and how the CPD requirements would affect each cycle. The LSPS Seminar Chairman will use this information for planning seminars in the first two years of the Mandatory CPD cycle.

DISTRICT REPORTS

District 2

Johnny Robichaux verified with Debra Bagley that John Mattingly would continue to submit additional articles for the newsletter.

District 5

Frank Miller reported that their district is beginning work on the 1999 Trig-Star Program. In combination with this, members from District 5 are working with local schools to give surveying demonstrations. Their district will be submitting one or two representatives to work on the Professional Practices Committee.

District 6

Chad Morris represented District 6 and reported on a local matter. He advised that the Department of Public Works is trying to get the amount for contract bidding requirements to be increased for both engineering and surveying services, and for these to be equal. Discussion took place. Mike Mayeux suggested that members from District 6, offering input to the Public Works Committee, should be

in favor of keeping surveying services on the same level as engineering services, as recommended by the Department of Public Works.

District 8

Mel Harrison reported that their district discussed the minimum standards at the last meeting. John Jordan will be the representative on the Professional Practices Committee. The Board discussed at length the monumentation of corners. President Harrison reiterated that all suggestions for changes to the minimum standards should be submitted to Steve Estopinal and the Professional Practices Committee for their review. Mel reported that District 8 purchased a brick in the LEF building in memory of Roy Prewitt, who was killed in a plane crash in Leesville about six months ago. Mr. Prewitt, along with his wife and one child, were killed in the accident.

COMMITTEE REPORTS

Seminar Planning Committee

Walt Ballard submitted a written report on seminar planning, with regards to the State Board's renewal cycle through 2002. The report included suggestions for preparing seminar presentations. The Board discussed the suggestions. The committee will continue their work on planning future seminars.

Walt also presented the District Chairmen with an outline report for the seminar *ALTA-ACSM Land Title Surveys and Positional Tolerance*, offered by Gary R. Kent. Walt reported that Ben Harrison, Investigator for the State Board of Registration, encouraged that LSPS sponsor the seminar *Minimum Standards for Property Boundary Surveys* during the coming year. Walt asked the District Chairmen to consider sponsoring one of these seminars.

Mr. Ballard presented information for the 1999 Fall Technical Session. The committee has recommended that the seminar *Positioning The Land Survey Firm For The 21st Century*, presented by Mr. Milton E. Denny, be considered for the next Fall Technical Session. The Board reviewed this report. Mike Mayeux made a motion to approve the seminar *Positioning The Land Survey Firm For The 21st Century* as the 1999 Fall Technical Session, to take place in Baton Rouge sometime in September, 1999, second by Mel Harrison—motion approved. Mike suggested that the 1999 Fall Technical Session be mentioned in the January 1999 newsletter, with a note for non-members to contact the LSPS office for registration information. This would eliminate the need for an additional large mail-out. Seminar registration information would be mailed to our membership as usual. Walt Ballard mentioned that he would like to put seminar registration forms on the LSPS Website.

If LSPS districts want to present a technical session at their district meetings, the District Chairman should present this request to the LSPS Board of Directors for approval in order to obtain credit toward CPD.

The final report on the September 24th seminar will be presented at the December meeting.

1999 Convention

Johnny Robichaux reported that the committee has scheduled seminars on *Professional Ethics*, by Mr. Dennis Moulant, *Professional Liability* and *Corner Restoration*, by Mr. Wyatt Sanders and Dale Clary, and *Minimum Standards for Property Boundary Surveys*, by Mr. Steve Estopinal. The Convention will be held at the Houma-Terrebonne Civic Center; the Holiday Inn on Hollywood Road will be the host hotel. The Annual Golf Tournament is scheduled for Wednesday, May 5, at the Ellendale Country Club. The Ice-Breaker will take place that evening at the Civic Center, sponsored by Mr. Charlie Poche, President and owner of Navigation Electronics. A seafood boil will be held on

38th Annual Convention

When: May 5, 6, & 7, 1999

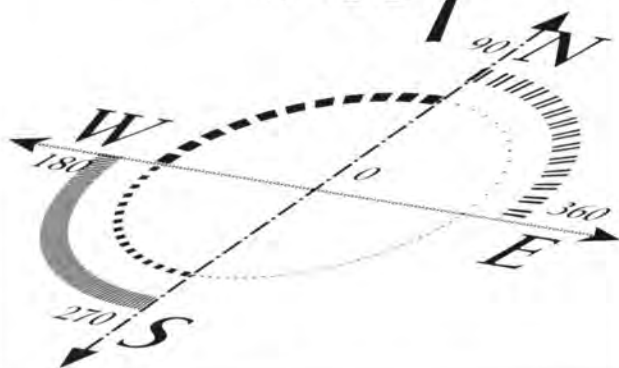
Where: Houma, Louisiana

Site: Houma-Terrebonne Civic Center

Host Hotel: Holiday Inn, Hollywood Road

For Reservations: Call hotel direct at
(504)868-5851

Don't Lose Your Way



SURVEY MARKERS MONUMENTS REBAR CAPS PIPE CAPS BENCH MARKS & ACCESSORIES

FOR CATALOG CALL
(520) 882-7363 or 1-800-323-4578
OR WRITE:



A Division of Desert Engineering Group, Inc.
3162 E. 46th Street, Tucson, Arizona, 85713

STATISTICS AND OUR VANISHING PROFESSION

By: Jan Fokens, Professional Surveyor

An article by James K. Crossfield, Ph.D., Professional Land Surveyor, present at the '92 ASPRS-ACSM Convention in Albuquerque, and published in Volume 2, ACSM Technical Papers, caught my attention since I am interested in the progress and development of curriculums for four year Surveying Degree programs.

Completing the article, I returned to the introduction—not with thoughts of Surveying Degrees, but with concern for our vanishing profession, which is disappearing through rapid attrition.

Dr. Crossfield in his introduction states, "The most critical problem facing the surveying profession is the replacement of our retiring peers with competent, educated professionals." Dr. Crossfield puts the problem in perspective with the following statistics:

ASSUMING . . .

- 50,000 professional surveyors practice in the U.S. today
- A career span of 25 years
- A constant retirement rate

Then, **FACT . . . 2,000 new professional surveyors are needed each year—just to stay even.**

He continues by presenting statistics showing that more than 5,000 surveying jobs are available each year, yet only 500+ people are available to take those jobs, one-tenth the number needed. Of these five hundred, 200 are on-the-job trainees, 200 are graduates of 2-year (or less) technical programs and approximately 100 are graduates of a four-year surveying program.

Are we really a vanishing profession? Can this ominous trend be reversed?

It can be reversed, if we as a profession take control of the supply and demand situation, turn it to our advantage as professionals and make the reward for being land surveyors financially worthwhile.

The professional surveyor of the 21st century will not come from the "Old School" of knock-around-the-woods-with-a-transit-and-tape-to-gain-your-knowledge. Future practitioners face the significant expense of a college education in order to pursue the profession of land surveying. This I believe to be a blessing and perhaps a major factor which will preserve the profession.

However, it is imperative for future surveyors to see by example that we reap great rewards for our professional service.

Having learned business economics by trial and error, without benefit of formal education beyond "High School Eco.", it strikes me that as a profession, we are out of step with the basic principles of SUPPLY and DEMAND.

I pose the question again . . . Why do we as a profession not use the economic principle of supply and demand to raise the worth of our services? The surveying profession, in order to survive, must no longer be willing to accept what those in the public and private sector, be they professional or lay people, perceive the value of land surveying to be. Nor can we allow them to dictate and drive the land surveying profession.

The time is long past, and a united statement must be made to those who depend on the expertise of the land surveyor, that compensation shall be directly proportional to the value of our services and expertise.

Sounds simple. However it will take a concerted, continuous commitment by all members of the profession to change the perception of the profession and elevate it to a stature which will warrant just compensation for services rendered.

Reprinted from *THE GEORGIA LAND SURVEYOR*, December '97.

Map & Plat Contest

LSPS sponsors an Annual Map and Plat Contest, with the competition divided into five categories: Subdivision Plats, Boundary/Cadastral Maps, Topographic Maps, ALTA/NSPS Survey Maps, and Miscellaneous Maps.

The maps are judged in the spring and the winners are displayed at the Annual Convention. In the past year there were several impressive entries from all parts of the state.

The 1st place winners in each category will be submitted by LSPS to the 1999 ACSM/NSPS National Competition. A maximum of five maps per style and category will be selected and exhibited at the Annual ACSM Conference in Portland, Oregon, on March 14, 1999. This past year Louisiana was well represented in the national competition having five winning maps: Subdivision Plats, placing 1st, R. James Tatum, from LSPS District 6; Boundary/Cadastral Maps, placing 3rd, Jeff D. DeBlieux, from LSPS District 2; Topographic Maps, placing 3rd, Hydro Consultants, from LSPS District 6; ALTA/NSPS Survey Maps, placing 3rd, Stanley Bordelon, from LSPS District 1; and Miscellaneous Maps, placing 2nd, Hydro Consultants, from LSPS District 6.

Start searching your files for your prize maps for the upcoming LSPS Annual Map and Plat Contest!

Attention District 6 Members – the December Meeting has been cancelled.

MEMBER UPDATE . . .

New Members

Robert P. Clark, Registered Member, Out-of-State
Rodney Patrick Walsh, Associate Member, District 6

Upgraded to Registered Member

Reggie D. Lewis	District 4
Robert L. Davis	District 8
John C. Powers	District 5
John G. Dunlap	District 6
Douglas L. Filler	District 4
J. Mark Williams	District 6
John D. Laughlin	District 7
Galen F. Bollinger	District 2
James B. Pellegrin	District 2
Craig A. Strikmiller	District 1
Jules A. Toups, Jr.	District 2
Douglas A. Domingue	District 3



Keep the THANKS in
Thanksgiving!

HAYES INSTRUMENT CO.

(Your Equipment Specialist)

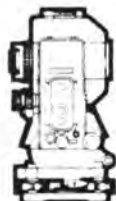
502 S. Cannon Blvd. • Shelbyville, TN 37160

1-800-251-1280



LEASE
PURCHASE

USED
EQUIPMENT



TOTAL
STATIONS

DATA
COLLECTORS



GLOBAL POSITIONING SYSTEMS



SURVEYING
SOFTWARE



PLOTTERS

HAYES SURVEYING SYSTEMS

We configure surveying systems to your particular needs, including financing.
Our "cancel anytime" lease guarantees satisfaction and affordability.

★ **ATTENTION: RLSs and LSITs Call To Be Put On Our Mailing List** ★

TOPCON

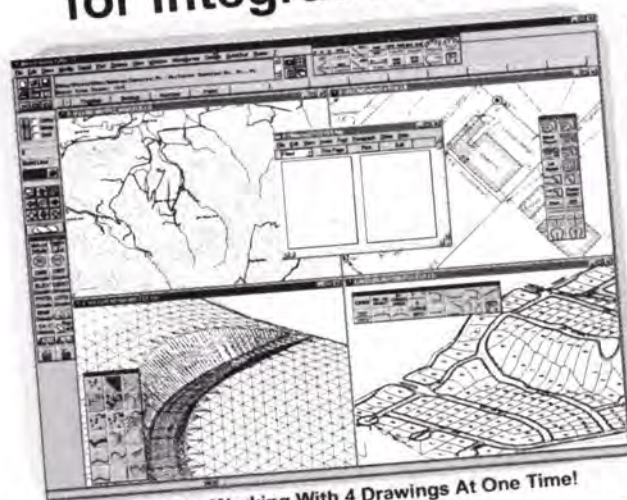
1-800-251-1280

NIKON

MicroSurvey[®] Sales Are Up Over 1,000%...

...since introducing MS-CAD Pro, an all-in-one CAD, COGO, DTM, design, and mapping solution that sells for a fraction of an AutoCAD[®] based alternative. What does the fastest growing surveying software vendor in North America do for an encore?

We set a new standard
for integration with



MS-CAD Pro Working With 4 Drawings At One Time!

MS-CAD Pro[™] Version 3.1

MS-CAD Pro 3.1 Includes

- ✓ A full AutoCAD "work-a-like" CAD Engine (no additional CAD needed)
- ✓ Direct Read/Write of AutoCAD DWG/DXF Files Up To R14
- ✓ Direct Support For All Common AutoCAD Commands
- ✓ MicroSurvey 98[™] COGO That Thinks The Way Surveyors Do
- ✓ Smart COGO Objects With Dynamic Labeling and Editing
- ✓ Direct Data Collector Interfacing For All popular Makes
- ✓ AutoMap[™] Field-To-Finish Mapping With Symbols And Lines
- ✓ Unlimited Point DTM Modeling at 10,000+ Points/Second
- ✓ Automated Subdivision, Site, and Roadway Designing
- ✓ Accurate Contours, Earthworks, and Terrain Analysis
- ✓ MicroSurvey Assistant Simplifies Program Operation
- ✓ Extensive On-Line Help With Lotus[®] ScreenCam Movies
- ✓ On Sale Now For Under \$1,700*

*Limited Time Offer

FREE
30-DAY
Trial

MicroSurvey 98 Features

- ✓ Full Command Line COGO With Traverse Management
- ✓ Direct Read/Write of AutoCAD DWG/DXF Files Up To R14
- ✓ Direct Data Collector Interfacing For All Popular Makes
- ✓ Special Field Coding For Automated Line Work Creation
- ✓ Automated Field-To-Finish Maps With Symbols And Lines
- ✓ Interactive Graphic Data Editing With Object Grouping
- ✓ Coordinate Transformation Library With 600+ Datums
- ✓ Extensive On-Line Help With ScreenCam Tutorials
- ✓ Legal Description Writer Directly From Selected Objects
- ✓ Automated Right-Of-Ways Program With Areas
- ✓ Automated Subdivision and Street Design
- ✓ Optimized For Windows 95/98 and NT
- ✓ On Sale Now For Just \$595*

*Limited Time Offer



The Critics Corner

"...the learning curve for any AutoCAD user is practically zero...MS is noticeably faster than AutoCAD R14...what will sell MS besides the AutoCAD compatibility is the intuitively designed functions... (data collector and ASCII import) are superb...producing a topo map is very slick...MS is nearly as flexible as hand drafting...all of the documentation is excellent, helpful, and easy to understand."

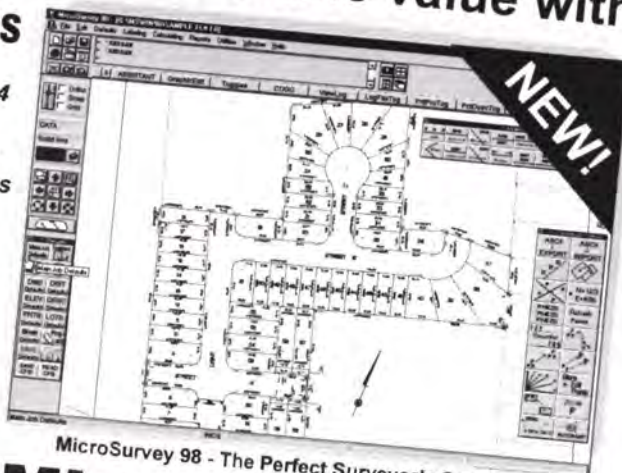
Joe Bell, L.S. Professional Surveyor Magazine Review Nov. 97



3396 Sunnyside Road
Kelowna, BC, V1Z 2V4
Toll Free: 800-668-3312
Regular: 250-769-0233
Fax line: 250-769-4458
www.microsurvey.com

"Leading the way in Survey Mapping Software"

And redefine value with



MicroSurvey 98 - The Perfect Surveyor's Companion

MicroSurvey 98[™]

MicroSurvey Programs are optimized for use with



MicroSurvey CAD and MS-CAD Pro are trademarks of MicroSurvey Software Inc. All other trademarks are property of their respective owners. ©1998 MicroSurvey Software Inc. All Rights Reserved.

Isn't It Time You Started Using MicroSurvey?



Application For Membership

Louisiana Society of Professional Surveyors

Affiliated with American Congress on Surveying and Mapping & the National Society of Professional Surveyors
6141 Parkforest Drive, Baton Rouge, LA 70816 • PHONE (504)752-5955 • FAX (504)752-7623
E-MAIL lsps@cmq.com • WEBSITE www.communique.net/~lsps

PLEASE COMPLETE THE FOLLOWING SPACES

Name: _____
LAST FIRST MIDDLE

Home Address: _____
STREET CITY & STATE ZIP CODE

Business Affiliation: _____ Position or Title: _____

Business Address: _____
STREET CITY & STATE ZIP CODE

E-MAIL: _____

Date of Birth: _____ Social Security Number: _____ Member ACSM: _____

Registration Number: _____

P.L.S. ☐ P.E. ☐ Other _____

Home Phone: _____

Position or Title: _____

Business Phone: _____

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.

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.

ANNUAL DUES \$150.00

Thursday, May 6, at the Holiday Inn and the Convention will end with the Annual Banquet on Friday evening, May 7, at the Civic Center. Johnny will provide information for the November issue of the *L'Arpenteur Louisiane*. The committee has begun to fill exhibitor booths and hope to have 35 exhibitors.

Liaison

President Harrison reported that he received a response from Mr. Frank Denton, DOTD Secretary, to the letter sent on behalf of LSPS requesting the NGS Advisor not be terminated. Mr. Denton feels the NGS Advisor Program no longer provides the services to DOTD they once offered and does not intend to renew the contract. LSPS contacted Mr. Denton's office to set up a meeting to discuss his response. Those attending the meeting were President Harrison; Ernie Gammon, Liaison Committee Chairman; Cliff Mugnier, from District 1; Gilbert Mitchell, NGS Chief Geodetic Services Division; Bob Zurfluh, NGS Advisor; and Mr. Denton. The Liaison Committee's goal was to emphasize the importance of the NGS Program to Surveyors, Engineers, and the public. After further discussion, Mr. Denton approved a three-month extension of the NGS Advisor Program. Mr. Denton requested LSPS to provide recommendations on how DOTD can aid in maintaining and expanding the National Spatial Reference System and provide this information to the public.

Legislative

President Harrison asked the District Chairmen to assist with providing a name of someone to lobby for LSPS for upcoming legislative issues.

Business Practice

President Harrison advised that LSPS is still awaiting an insurance proposal from Alexander & Sanders Insurance. Mel will follow-up with Alexander & Sanders and report back at the December meeting.

Trig-Star/Public Relations

President Harrison reported for Jack Farmer. Jack will be providing a schedule to the District Trig-Star Chairmen soon.

Newsletter

John Mattingly is continuing his efforts in providing articles for the newsletter. Wayne Hebert asked the Board to forward any comments on the format of the newsletter to him.

Map & Plat Contest

President Harrison reported that LSPS will be submitting the First Place Winners of our 1998 Map & Plat Contest to the NSPS Map & Plat Contest. A sample of the NSPS 1999 Map & Plat Entry Form was included in the meeting folders. Wayne Hebert suggested that the 2nd and 3rd Place winners be sent an entry form for the NSPS contest. Walt Ballard encouraged that we promote the 1999 LSPS Map & Plat Contest in our newsletter.

Professional Practices

President Harrison reported that Steve Estopinal has received the suggestion from District 6, and has been reviewing the information submitted by District 1 several months ago.

SECRETARY-TREASURER/FINANCE COMMITTEE

Mike Mayeux presented the 1997/98 Fiscal Year End Report. He complimented Debra Bagley on her logging in of entries & specific items and purposes of expenditures made by the society. Mr. Mayeux advised that the Finance Committee met and reviewed account transactions and found the records to be in good order. He mentioned that the detailed report was available for Board members to review. Mike reported that the CPA, Mr. Thayer Borel, met with

Debra to review the accounting procedures. Mel Harrison made a motion to accept the 1997/98 Fiscal Year End Report as submitted, second by Wayne Hebert—motion approved.

Mike Mayeux stated that the Finance Committee is reviewing several money manager funds, as the current money manager funds are not guaranteed. The committee is also reviewing the finance guidelines that were set forth by previous LSPS Board of Directors. Mike Mayeux advised that Debra Bagley is currently providing him a monthly report on each LSPS account. He has asked that duplicate copies be forwarded to the President, to ensure that the LSPS accounts are thoroughly reviewed.

President Harrison mentioned that one suggestion from our CPA was to have two signatures required on any checks over a certain amount. This procedure would protect all parties involved in handling LSPS funds. Currently the LSPS Secretary, President, and Secretary-Treasurer are authorized to sign on all LSPS accounts. On behalf of the Finance Committee, Mike Mayeux made a motion to require two signatures on checks in excess of \$5,000 on any funds belonging to or controlled by LSPS; the two authorized signatures primarily being the LSPS Secretary & Secretary-Treasurer positions, with authorization also being given to the President, and for this to be implemented upon re-order of checks at the time of the LSPS office relocation, second by Mel Harrison—motion approved.

President Harrison asked the Finance Committee to consider if funds could be donated from the regular LSPS account to the LSPS Education Foundation. Wayne Hebert offered to assist with the scholarship program for 1999 and asked for information to be sent to him.

NSPS GOVERNOR

Mr. Jack Stelly reported that he will be attending the National Convention in November, in Dallas, Texas.

OLD BUSINESS

Lease Agreement

The Board members were provided copies of the proposed Lease Agreement for the LEF Building and asked to review prior to this meeting. No changes to the lease were suggested. Mel Harrison made a motion to accept the Lease Agreement, second by Mike Mayeux—motion approved. Wayne will follow-up with Mr. Waldemar Nelson to advise that the Lease Agreement is acceptable to our Board.

BOREL & SOILEAU, CPA's

CERTIFIED PUBLIC ACCOUNTANTS

**TAX PREPARATION & PLANNING
STRATEGIC BUSINESS PLANNING
FINANCIAL STATEMENT PREPARATION
MONTHLY ACCOUNTING SERVICES FOR
GROWING BUSINESSES**

1737 Oakdale Drive
Baton Rouge, Louisiana 70810

FOR INFORMATION CALL

1737 Oakdale Drive ----- 769-9100
FAX Number ----- 767-7207

NEW BUSINESS

Member Applications

Mike Mayeux presented one application for "Registered Membership" from Mr. Robert P. Clark of Ismailia, Egypt. Mr. Clark's recommendation came from Mr. David C. Crawford of Houston, Texas. The following changes to "Registered Member" status were submitted for approval: Craig A. Strikmiller, Galen F. Bollinger, James B. Pellegrin, Jules A. Touns, Jr., Douglas A. Domingue, Reggie D. Lewis, John C. Powers, John G. Dunlap, J. Mark Williams, John D. Laughlin, Robert C. Davis.

Mike Mayeux made a motion to accept the upgrade memberships, and to approve Mr. Robert P. Clark's application contingent upon verification that Mr. Clark is a Registered Land Surveyor with the Louisiana Board, second by Mel Harrison—motion approved.

NSPS Disaster Relief Assistance

Debra Bagley advised the Mr. Curt Sumner, Past President of NSPS, had inquired as to whether any surveyors in Louisiana were in need of assistance after the recent hurricane. President Harrison will contact District Chairmen absent from today's meeting and follow up with Mr. Sumner.

Annual Awards

Mel Harrison is currently reviewing the information on past recipients of the LSPS Surveying Excellence Awards and the guidelines for submitting nominations. He suggested that LSPS submit an entry for the 1999 NSPS Surveying Excellence Award and asked the Board to consider a nominee from their area. Meeting adjourned. *

In Memory . . .

Charles H. Fenstermaker, Jr.

A charter member of LSPS, Mr. Fenstermaker passed away on July 23, 1998, in Lafayette, Louisiana. In 1993, Mr. Fenstermaker was named Surveyor of Excellence at the annual meeting of the Louisiana Society of Professional Surveyors.

Roy R. Prewitt

A member of LSPS since 1991, Mr. Prewitt, along with his wife and one child passed away in a plane crash in Leesville, Louisiana. LSPS District 8 purchased a brick at the LEF Engineering Center in memory of Roy Prewitt.

James R. Wheat

Mr. Wheat died Thursday, October, 1998, as the result of an accident. He was a land surveyor with Adams and Associates and a retired employee of the Louisiana DOTD. LSPS District 6 contributed \$50.00 to the LSPS Education Foundation in honor of James Wheat.

W. Lee Booty

An LSPS member since 1990, Mr. Booty passed away in September, 1998, in Kentwood, Louisiana. Mr. Booty was a member of LSPS District 9.

Our thoughts and prayers are with these families.

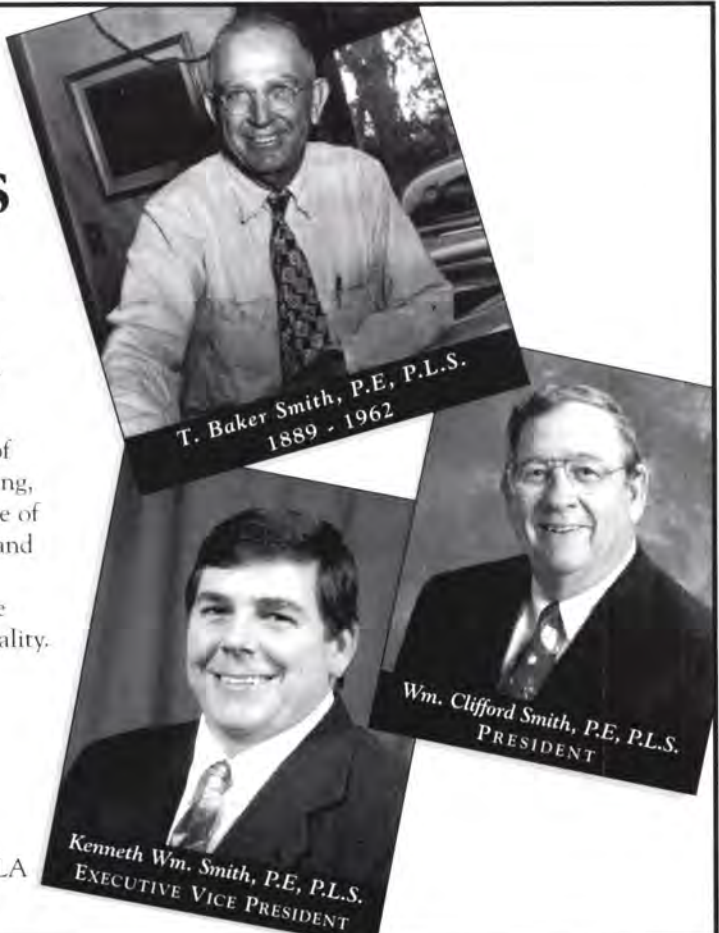
85 Years 3 Generations 1 Company— *T. Baker Smith & Son, Inc.*

Since 1913, the Smith family and their family of employees have provided professional civil engineering, surveying and environmental services to a wide range of clients including the oil and gas industry, industrial and private developers, and government agencies.

For 85 years, three generations of engineers have been working hard to turn great ideas into reality.



(504) 868-1050 · 412 South Van Avenue Houma, LA
Visit our Web Site at <http://www.tbsmith.com>



Western Data Systems

The Trimble Leasing Specialist

Lease ■ Sale ■ Service



Trimble 4800 GPS Total Station

Direct Sales

Western Data Systems can offer you the entire Trimble product line at the lowest available prices. The new Trimble BUNDLED pricing gives you more capabilities at an even lower price.

Rental with Purchase Option

If you would like to use the equipment on your job before committing funds to purchase, we will apply a portion of the rental fees towards the purchase of your new system.

Rental

Our lease pool contains the latest technology from Trimble for RTK, Static, Faststatic, Kinematic, Hydrographic and GIS applications. This includes the new Trimble 4800 GPS Total Station.

Lease Purchase Financing is Available

For as little as \$1,200 per month, you can purchase the new Trimble 4800 Total Station with Real Time Kinematic and Post Processing capabilities.

To receive a free copy of our Newsletter, call or fax us.

Western Data Systems

14722 Regal, Houston, Texas 77039 ■ Telephone 281.987.1815 ■ Fax 281.987.2743 ■ E-mail WDSTXGPS@AOL.COM.

Trimble with the Trimble logo is a registered trademark of Trimble Navigation Limited, Sunnyvale, California, U.S.A.



Why is the Trimble GPS Total Station today's hottest-selling new survey instrument?

Why? Because it delivers big benefits for everyday tasks. Benefits like major increases in productivity and dramatic cost savings. Ultra-quick job mobilization and exceptional accuracy and repeatability. Hundreds of organizations worldwide are already reaping these benefits.

Now, thanks to Trimble technology, surveyors can perform their everyday work with the logistical and productivity advantages of GPS. That means you can do topographic, boundary, detail, control, and even everyday stakeout work without pointing an instrument or needing line-of-sight. And you can do it with fewer setups and greater range, in any weather. The Trimble® GPS Total Station™ provides virtually instantaneous, 3-D, centimeter-level coordinates in the field as you survey the point. There's no more waiting for GPS post-processing!

Discover what the excitement's all about. For the location of your nearest dealer and a field-to-finish demonstration, call today.



TrimbleNavigation

The Leader in GPS Technology



200 TOLEDO DRIVE • LAFAYETTE, LOUISIANA 70506 • PHONE (318) 237-1413 • FAX (318) 237-1417