

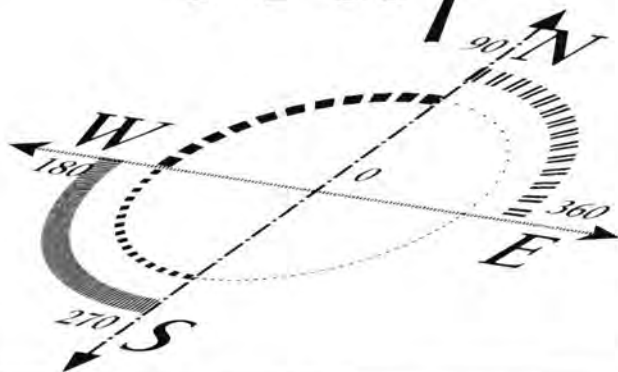


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WELCOME NEW MEMBERS

William Lee Bowman
John Michael Bradas
J. Michael Dixon
John P. Earles, III
Louis L. Higginbotham
Robert E. Jones
Olin M. Lacy, Jr.
Larry A. McKee
Meyer, Meyer, LaCroix & Hixson, Inc.
Danny Roy Moore
R.W.K., Inc.
Chad J. Robichaux
Mickey L. Robertson
Lucien Cason Shaffer, Jr.
Benson W. Sylvest
Phillip Joseph Thomas
Frederick J. Zeretzke

NGS UPDATE

Thanks to the efforts of members from LSPS; the Louisiana Department of Transportation & Development; the National Wetlands Research Center; the US Army Corps of Engineers; the Louisiana Department of Natural Resources, and; the Louisiana State Land Office, the NGS Advisor Program will continue in Louisiana. The NGS Advisor will be housed at the State Land Office in Baton Rouge. Please continue to utilize the services provided by Bob Zurfluh, NGS Advisor.

Bob can be reached at (225)219-0512; Fax (225)219-0513; E-mail zurfluhr@aol.com; mail correspondence to Robert L. Zurfluh, NGS Advisor, State Land Office, Room 1201, PO Box 44124, Baton Rouge, LA 70804.

AND THE WINNER IS

We are proud to be #2! The LSPS State Trig-Star Winner, Nicholas Leger, participated in the NSPS Trig-Star Contest this summer. Nicholas placed second in the National Contest! NSPS President Richard J. Barr will present the "Richard E. Lomax National Trig-Star Scholarship" to Nicholas at the ACSM Annual Conference and Exposition in Little Rock, Arkansas, March 18-23, 2000.

We all know who deserves credit for outstanding students . . . exceptional teachers! In this case, Ms. Amy Gremillion from Lafayette High School, in the heart of Acadiana, is bestowed this honor. Ms. Gremillion will receive the "Richard E. Lomax National Trig-Star Scholarship Teaching Excellence Award" at the ACSM Annual Conference next Spring.

Start planning ahead . . . the 2000 LSPS Trig-Star Committee Chairman, John E. Soileau, has ordered the 2000 Contest packet. Contact schools in your area NOW to promote this event!

WE'RE READY FOR THE 21ST CENTURY

The LSPS Fall Technical Session "Positioning the Land Survey Firm for the 21st Century" was a great success—it was a full house! Special thanks to speaker, Milton Denny, for his presentation. We always enjoy Mr. Denny's seminars and will certainly benefit from this one.

SUSTAINING MEMBER SALUTE

We thank the following businesses for their continued support as LSPS Sustaining Members.

3001 the spatial data co.
Alexander & Sanders Insurance
Baton Rouge Land Surveying
BFM Corporation
C & C Technologies
C.H. Fenstermaker & Associates
Chustz Surveying, Inc.
C.L. Jack Stelly & Associates, Inc.
Comeaux Engineering & Consulting
Coyle Engineering Co., Inc.
Dading, Marques & Associates
Dufrene Surveying & Engineering
Eagle Point Software
Estopinal Surveying
Fina LaTerre, Inc.
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Gulf Coast Aerial Mapping
Haag & Trammell, Inc.
Hydro Consultants, Inc.
John E. Chance & Associates
Johnson Professional Land Surveyors
J.V. Burkes & Associates, Inc.
Landmark Surveying, Inc.
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Leica Geosystems, Inc.
Mader-Miers Engineering
Meyer, Meyer, LaCroix & Hixson, Inc.
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R.W.K., Inc.
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S.E. Huey Co.
S.J.B. Group, Inc.
Surv-Kap, Inc.
T. Baker Smith & Son, Inc.

LSPS 39th CONVENTION SCHEDULE OF EVENTS

WEDNESDAY, MARCH 8, 2000

10:30 AM to 12:30 PM Golf Game Registration at Riverlands Golf & Country Club
**directions will be forwarded to participants*
 11:30 AM to 12:30 PM Lunch at Riverlands Golf & Country Club
 12:30 PM to 6:00 PM **PLAY GOLF!**
 12:00 Noon to 4:00 PM Convention Registration at the New Orleans Airport Hilton
 7:00 PM to 9:00 PM Exhibitor Reception, Sponsored by: NAVIGATION ELECTRONICS, INC.

THURSDAY, MARCH 9, 2000

7:00 AM to 4:00 PM Convention Registration at the New Orleans Airport Hilton
 8:00 AM to 11:30 AM **Seminar 1:**
MANAGING & MOTIVATING YOUR SURVEY PERSONNEL ♦ 7 PDH's
 Speaker: Bruce S. Wilkinson, CSP
Bruce S. Wilkinson, CSP, is more than a speaker ... he is a "trainer-trainer." His programs reinforce information with both enthusiasm and humor, but it is humor with a purpose! His unique style, passion and authenticity creates **rememberability** within the audience.
 11:30 AM to 12:00 NOON Exhibitor Viewing ♦ DOOR PRIZES
 12:00 NOON to 1:00 PM Luncheon Guest Speaker: Louis Congemi, Mayor, City of Kenner
 1:00 PM to 1:30 PM Exhibitor Viewing ♦ DOOR PRIZES
 1:30 PM to 5:00 PM Seminar continues **MANAGING & MOTIVATING YOUR SURVEY PERSONNEL**
 5:00 PM to 6:00 PM Refreshments with the Exhibitors
 7:30 PM to 9:00 PM **LSPS AWARDS BANQUET**
 Guest Speaker: Arthur Hardy - Mardi Gras Historian
 ♦ **DRAWING FOR CONVENTION REGISTRATION REFUND**

LADIES ACTIVITIES

8:00 AM to 9:30 AM Breakfast & Makeover in the LSPS Hospitality Suite
 9:30 AM to 1:30 PM Cooking Demo & Lunch at New Orleans School of Cooking

FRIDAY, MARCH 10, 2000

7:00 AM to 9:00 AM Convention Registration
 8:00 AM to 11:30 AM **Seminar 2:**
PRACTICAL GPS ♦ 3.5 PDH's
 Speaker: Stephen V. Estopinal, PLS
Seminar 3:
PHOTOGRAMMETRY ♦ 3.5 PDH's
 Speaker: Cliff Mugnier
 11:30 AM to 12:00 NOON Exhibitor Viewing ♦ DOOR PRIZES
 12:00 NOON to 1:00 PM Luncheon & LSPS Annual General Membership Meeting
 1:00 PM to 1:30 PM Exhibitor Viewing ♦ DOOR PRIZES
 1:30 PM to 5:00 PM **Seminar 4:**
CLIENT RELATIONS & MARKETING FOR SURVEYORS ♦ 3.5 PDH's
 Speaker: Curt Sumner, PLS
Seminar 5:
HISTORY OF MEASUREMENT ♦ 3.5 PDH's
 Speaker: J. Anthony Cavell, PLS
 7:00 PM to 10:00 PM Night Out, Dinner at Mike Anderson's Seafood Restaurant in the French Quarter
Seating is Limited - Register Early (Transportation Provided)

LADIES ACTIVITIES

10:30 AM to 4:00 PM Riverboat Cruise & Luncheon and Shopping at the Riverwalk in the New Orleans French Quarter

SATURDAY, MARCH 11, 2000

8:00 AM to 10:00 AM Breakfast Buffet & Closing Technical Session
Seminar 6:
ETHICS ♦ 2 PDH's
 Speaker: TBA

LSPS 39th CONVENTION SEMINAR REGISTRATION

SEATING IS LIMITED, PLEASE INDICATE YOUR CHOICE OF SESSIONS.

THURSDAY, MARCH 9, 2000

- Seminar 1 ☐ *MANAGING & MOTIVATING YOUR SURVEY PERSONNEL* ♦ 7 PDH's
Speaker: Bruce S. Wilkinson, CSP 8:00 AM - 11:30 AM
Exhibitor Viewing & Luncheon 11:30 AM - 1:30 PM ♦ *DOOR PRIZES*
Seminar continuing 1:30 PM - 5:00 PM
Refreshments with Exhibitors 5:00 PM - 6:00 PM

FRIDAY MORNING, MARCH 10, 2000

- Seminar 2 ☐ *PRACTICAL GPS* ♦ 3.5PDH's
Speaker: Stephen V. Estopinal, PLS 8:00 AM - 11:30 AM
Exhibitor Viewing & Luncheon 11:30 AM - 1:30 PM ♦ *DOOR PRIZES*

OR

- Seminar 3 ☐ *PHOTOGRAMMETRY* ♦ 3.5PDH's
Speaker: Cliff Mugnier 8:00 AM - 11:30 AM
Exhibitor Viewing & Luncheon 11:30 AM - 1:30 PM ♦ *DOOR PRIZES*

FRIDAY AFTERNOON, MARCH 10, 2000

- Seminar 4 ☐ *CLIENT RELATIONS & MARKETING FOR SURVEYORS* ♦ 3.5PDH's
Speaker: Curt Sumner, PLS 1:30 PM - 5:00 PM

OR

- Seminar 5 ☐ *HISTORY OF MEASUREMENT* ♦ 3.5PDH's
Speaker: J. Anthony Cavell, PLS 1:30 PM - 5:00 PM

SATURDAY, MARCH 11, 2000

- Seminar 6 ☐ Saturday Breakfast Buffet & *ETHICS* Seminar ♦ 3.5PDH's
Speaker: TBA 8:00 AM - 10:00 AM



LSPS DISTRICT 1 WELCOMES YOU TO NEW ORLEANS!

DISTRICT CHAIRMAN: Ed Clinton

CONVENTION COMMITTEE CHAIRMAN: Walter Stone

CONVENTION COMMITTEE:

Ed Clinton	Wayne Hebert	Jay Dufrene
Kathy Clinton	Stephen Flynn	Lee Drennan
John Avery	Steve Runnebaum	

HOTEL ACCOMMODATIONS

Hotel accommodations should be made directly with the New Orleans Airport Hilton at (504)469-5000.

Mention the LSPS Convention to receive the special rate of \$110.00.

This rate is good for reservations from March 6th through March 12th, 2000.

♦ COME EARLY & CELEBRATE MARDI GRAS IN NEW ORLEANS! ♦

LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS

39th ANNUAL CONVENTION ♦ March 8 - 11, 2000

New Orleans Airport Hilton, 901 Airline Highway, New Orleans, LA ☎ (504)469-5000

Mail Registration Form & Payment to: LSPS, 9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809

Questions ☎ Call the LSPS Office at (225)925-5800 ☎ Fax Credit Card Registration to (225)925-5802

Name:	Names for badges (registrant & spouse/guest):		
Mailing Address:	Member of:	LSPS ☐ Yes ☐ No	ACSM/NSPS ☐ Yes ☐ No
City/State/Zip Code:	Payment by:	Check ☐	Visa ☐ Mastercard ☐
Phone: ()	Visa/Mastercard Account #: Expiration date: Name on card:		
Fax: ()	E-Mail:		

MEMBER FEE

NON-MEMBER FEE

FULL REGISTRATION

\$ 200.00

\$ 265.00

- Daily Admittance to Exhibitor Area
- All Seminars - *Complete Attached Form*
- Luncheons on Thursday & Friday
- Certificate of Attendance

\$ 185.00 Early Registration*

\$ 250.00 Early Registration*

(*If pre-registered by February 23, 2000!)

DAILY REGISTRATION

\$ 140.00

\$ 205.00

- Admittance to Exhibitor Area
- Luncheon on Day of Attendance
- Single Day Seminars - *Complete Attached Form*
- Certificate of Attendance

\$ 125.00 Early Registration*

\$ 190.00 Early Registration*

(*If pre-registered by February 23, 2000!)

MEMBER & NON-MEMBER FEE

SOCIAL EVENTS

- Wednesday, March 8th, PLAY GOLF \$ 40.00 For team placement include HANDICAP _____
- Wednesday, March 8th, Exhibitor Reception COMPLIMENTARY
Sponsor: Navigation Electronics, Inc.
- Thursday, March 9th, Annual Banquet \$ 30.00 (per ticket) # of tickets _____
Guest Speaker: Arthur Hardy
- Friday, March 10th, Night Out. \$ 30.00 (per ticket) # of tickets _____
Dinner at Mike Anderson's Seafood Restaurant
in the French Quarter

SEATING LIMITED - REGISTER EARLY (Transportation Provided)

LADIES EVENTS

\$ 50.00 (per ticket ♦ includes all events)

of tickets _____

- Thursday, March 9th, Breakfast & Makeover in the LSPS Hospitality Suite
- Thursday, March 9th, Cooking Demo & Lunch at New Orleans School of Cooking
- Friday, March 10th, Riverboat Cruise & Luncheon and Shopping at the Riverwalk in the New Orleans French Quarter

--

TOTAL FEES

PRE-REGISTRATION DEADLINE FEBRUARY 23rd !!

LSPS

ANNUAL AWARDS NOMINATION

Yes, you've admired a land surveyor over the last few years for his/her work and dedication to the profession. Now you have the opportunity to honor this individual. Mel Harrison, LSPS Past President, made the official "Call For Nominations" at the October 15th LSPS Board meeting. Here are a few guidelines for making nominations.

LIFE MEMBERSHIP AWARD

Nominations should be submitted in writing to the LSPS office by December 31, 1999. Nominees must be a long standing member of LSPS (i.e. 25 years or more - call the LSPS office if you need to verify this information); must have actively contributed to the growth of LSPS during his/her career (e.g. may have served as Officer or Director of LSPS), but need not be active at the time of the nomination, and; should enjoy an outstanding reputation for his/her knowledge, integrity and professional competency, especially among the members of his/her District.

SURVEYOR EXCELLENCE AWARD

Nominations should be submitted in writing to the LSPS office by December 31, 1999. Nominees must be a Registered Member of LSPS; must have taken an active and continuous role in contributing to the growth and advancement of both LSPS and the surveying profession (e.g., may have served as an Officer or Director of LSPS, may have served as a member of the State Registration Board, or as Officer or Director of national surveying organizations); should presently be actively involved in the operation of LSPS, as evidenced by attendance at chapter meetings and annual meetings, by serving on LSPS committees, etc., and; should enjoy an outstanding reputation for his/her knowledge, integrity and professional competency, especially among the members of his/her district.

Don't miss this opportunity to recognize your fellow surveyor.

*Make your reservations
for the 39th LSPS Convention
in New Orleans,
March 8-11, 2000!*

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FAX Number ----- 767-7207

2000 Map & Plat Contest Official Entry Form *

Sponsored by the Louisiana Society of Professional Surveyors

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

This will be a judged contest. A maximum of three maps per category will be exhibited at the 39th Annual Convention in New Orleans, Louisiana. Entrants must be a member of LSPS. **The entry must have been completed after June 30, 1998**, and may not have previously been entered in any LSPS contest. The entry may be freehand or machine drafted.

Submit four (4) folded prints for each entry with a maximum map size of 34" by 44". **All entries must be folded to fit in a 9" by 12" envelope.** Submissions must be a single drawing; it may originate as part of a set of drawings, however, it must be entered as a single sheet. **ALL ENTRIES MUST BE RECEIVED BY JANUARY 12, 2000.** Use one entry form per document submitted. An entry fee of \$15 must accompany each form. Winners will be contacted to send a print for display at the LSPS Annual Convention. The first prize winners will be entered in the ACSM/NSPS 2000 Map & Plat Contest.

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

CATEGORIES

- | | | |
|----|--|--------------------------|
| 1. | Subdivision Plats | ☐ |
| 2. | Boundary/Cadastral Maps | ☐ |
| 3. | Topographic Maps | ☐ |
| 4. | ALTA/NSPS Survey Maps | ☐ |
| 5. | Miscellaneous Maps
(Permit drawings, Hydrographic maps, etc.) | ☐ |
| 6. | All Color Maps/Plats
(All categories) | ☐ |

(Only one Category may be checked)

An entry fee of \$15 must accompany this form
(Make checks payable to LSPS)

Submit this entry form and fees to:

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

Entrant's Name: _____

Company or Institution: _____

Address: _____

City: _____ State/Zip Code: _____

Phone: (W) _____ (H) _____

Title of Entry: _____

Description of Project: _____

Name and Address of Nominator if other than entrant.
Name/Address/Company: _____

(Use one entry form per document submitted)

* THIS FORM MAY BE REPRODUCED.

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

Signature: _____ Date: _____

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

LSPS

MAP & PLAT CONTEST

John Jordan, LSPS District 8 Chairman, has prepared the 2000 Map & Plat Contest Entry Form (included in this issue). John reported, at the October Board meeting, that this year all color maps/plats will be grouped into one category. He is encouraging all LSPS members to submit some of their outstanding maps/plats. The anticipation & excitement of the NEW YEAR - 2000 - may find you overwhelmed this holiday season, so...don't delay and miss the January 12th entry deadline; send in your map/plat entry today!

We congratulate the 1999 Map & Plat winners.

ALTA-NSPS Category:

1st Place, Steven M. Runnebaum

2nd Place, David Martinez

3rd Place, Tommy Semmes

SUBDIVISION Category:

1st Place, David Martinez

2nd Place, Tommy Semmes

TOPOGRAPHIC Category:

1st Place, Hydro Consultants

2nd Place, Tommy Semmes

3rd Place, Tommy Semmes

BOUNDARY Category:

1st Place, John C. Mattingly

2nd Place, David E. Cloud, Sr.

MISCELLANEOUS Category:

1st Place, Hydro Consultants

2nd Place, David Martinez

**Mail your
entry today.**



LSPS SEMINAR CALENDAR

- November 3, 1999
The Surveyor & GPS
Hosted by District 8, Alexandria, LA
- December, 1999
FEMA
Hosted by District 2, Houma, LA
- February, 2000
ALTA
Hosted by District 4, Shreveport, LA
- March 8 - 11, 2000
39th Annual Convention
Hosted by District 1, New Orleans, LA

Registration information on these seminars will be mailed to LSPS members.

Non-members may contact the LSPS office at (225)925-5800 to obtain information or visit our web site at lsp.net.

A WORD FROM FEMA

The National Flood Insurance Program Elevation Certificate has been redesigned to be more comprehensive and less complicated. The effective date of the revised EC was August 1, 1999. Use of the new certificate will become mandatory on January 1, 2000, if the certification date is on or after that date. The new EC form and instruction packet are available from the FEMA Distribution Center at 800-480-2520 (ask for FEMA Form 81-31). Training in how to use the new EC will be offered at NFIP agent and lender workshops across the country. Dates and locations for upcoming Elevation Certificate training

sessions are available by calling the NFIP's Telephone Response Center at 800-427-4661. Your LSPS District 2 is planning on hosting a FEMA seminar in December. Look for details in the mail or call the LSPS office at 225-925-5800. We thank FEMA for allowing LSPS to print this article which was listed on their web site www.fema.gov.



COMMITTEE REPORTS

1999 Convention

Johnny Robichaux mentioned that as of the 6-30-99 income statement, the 1999 Convention net proceeds were \$11,214.74. The LSPS Board congratulated District 2 again on the record-breaking convention.

2000 CONVENTION

Wayne Hebert reported that the Convention Committee has obtained new dates for the 2000 Convention. The new dates are March 8th-12th. The Hilton has agreed to offer the special room rates for members who would like to come on the Monday & Tuesday, March 6th & 7th to enjoy Mardi Gras in New Orleans.

PROMOTION OF SURVEY PROFESSION

Ernie Gammon reported on behalf of Chad Morris. Chad needs a volunteer from each district to help coordinate High School Career Day presentations.

SECRETARY-TREASURER/FINANCE COMMITTEE

John Mattingly submitted the Income Statement through 6-30-99. John gave an overview of the report. This report will be revised after additional newsletter expense is paid.

The Board reviewed the 1999-2000 LSPS Financial Budget that was approved on 6-4-99. President Walt Ballard made a motion to revise the 1999-2000 Budget by deducting \$1,000 from the Contingency Expense Category and adding \$1,000 to the Newsletter Expense Category, second by John Mattingly—motion approved.

OLD BUSINESS NGS Advisor

President Ballard reported that Louisiana will have an NGS Advisor for the NGS Fiscal Year, which is October 1, 1999 to September 30, 2000. The National Wetlands Research Center in Lafayette, along with several state

agencies have determined a need to maintain this program. The total committed funding for the program is about \$10,000 short, however, NGS has agreed to continue the program with the committed funding. This will be reviewed again next year by the agencies in an effort to have increased funding. The NGS Advisor will be housed at the State Land Office in Baton Rouge.

NEW BUSINESS ACSM Donation

Ernie Gammon mentioned the need for ACSM financial support and gave an overview of how ACSM supports our society and the surveying profession. The LSPS Board reviewed the financial budget. Ernie Gammon made a motion to use \$1,000 out of the LSPS Strong Heritage Money Fund to make a donation to the ACSM Fund Raising Campaign, second by John Jordan—motion passed.

LSPS

SUMMARY OF LSPS MINUTES

The LSPS Board of Directors met at the Louisiana Engineering Center, 9643 Brookline Avenue, Baton Rouge, LA, on August 20, 1999.

REVIEW OF MINUTES

John Mattingly presented the Minutes from the June 4, 1999, Board meeting. Ed Clinton made a motion to accept the Minutes, second by Johnny Robichaux—Minutes were approved.

PRESIDENT'S REPORT

President Ballard mentioned LSPS' concern about LAPELS making changes to the 30 hour required courses. He informed Mr. Kent that the LSPS Board would like an opportunity to have input on changes in rules or laws that would affect the land surveying profession. Mr. Kent advised that the LAPELS Board typically would send a letter with their recommendation of changes to LSPS for their input after the Board has thoroughly reviewed any suggested changes. He reported that the process was in a review status at this time, therefore LSPS had not been contacted. Mr. Kent gave an overview of considerations for changes, however, emphasized that this is still in the review process. Discussion took place. President Ballard advised Mr. Kent that LSPS would like to be involved in this review process and would send a letter requesting this to the LAPELS Board.

President Ballard reported on his study with several state societies who helped to implement four year surveying degrees in their states. He

would like for LSPS & LAPELS to work together to obtain a four year surveying degree at a Louisiana university. He emphasized the need to provide the necessary educational requirements for land surveyors to perform their duties successfully, especially with changes being made in the NCEES Model Law.

LAPELS BOARD

Glen Kent suggested that LSPS should be reviewing the definition of surveying and working with LES to review the definition of engineering. He wanted LSPS to be aware that throughout the country there have been bills concerning surveys of servitude/right-of-ways. This may be an item to watch for over the next few years.

DISTRICT REPORTS

District 1

Ed Clinton made a recommendation on behalf of District 1 that LSPS consider contracting a professional Legislative monitor. This recommendation was supported by Steve Estopinal, the current Legislative Committee Chairman. President Ballard advised that LSPS has budgeted \$2000 for this service. Ernie Gammon reminded the Board that the expense might be higher during active legislative years. Discussion took place. The Board came up with three options - 1) Obtain a web scanner service; 2) Retain a lobbyist, paying minimum retainer; 3) Hire someone to help monitor legislative bills.

District 2

Johnny Robichaux reported that District 2 met last week and discussed sponsoring a seminar in November.

District 6

Ernie Gammon reported that District 6 met last week; guest speakers were Glen Kent & Charlie St. Romain, discussing Minimum Standards. District 6 has committed to host the 2001 Convention in Baton Rouge.

District 7

Stanley Vidrine reported that District 7 would meet next week to discuss the topic for their February 2000 seminar.

District 8

John Jordan reported that District 8 plans to host the seminar "The Surveyor and GPS - Practical Information for Surveyors Deciding to Use GPS and Surveyors Currently Using GPS", on Wednesday, November 3rd, in Alexandria. The speakers will be David Doyle, Senior Geodolist with NGS, and Tony Cavell, Vice-President of Navigation Electronics, Inc. Wayne Hebert made a motion to approve the District 8 GPS seminar as presented, second by Ed Clinton—motion approved.

District 8 also discussed the education requirements for becoming a Registered Land Surveyor. The general opinion of District 8 members present at the meeting was not to lower the requirements.

L'ARPENTEUR LOUISIANE

By: J. Walter Ballard, P.L.S.

President's Message

Are we taking adequate measures now to insure that we and others who follow us will have adequate survey control in the future? We know that with highway improvement projects and land development survey control marks will be destroyed. If existing marks are not replaced, and new marks set, we may see a serious shortage of marks in the future. Federal agencies that have traditionally set permanent survey control have discontinued this portion of their surveying activities.

If we are to have ample survey control in the future, establishment of permanent marks must now be done at the state and local level. We must continue to look to the Louisiana Department of Transportation and Development, with their in-house staff of surveyors and through their contracting efforts for public work projects, to take the leading role at the state level.

However, local projects by parish and city governments can also provide significant contributions in the establishment of new permanent marks and densification of existing control. Geographic Information Systems are in various stages of development at municipalities all around Louisiana. Some of these employ aerial photography for development of their base map, while others require new developments to be tied to a local or state plane datum. Both of these instances likely require the establishment of new survey control. We need to work with our local governments to let officials know

that, in addition to GIS specific applications, the new marks can be of benefit to the general public as well. As we all know, once a mark has been published by NGS it can be used for multipurpose surveying and engineering projects.

Additionally, we need to work with our local governments to ensure that these new marks are - 1) constructed to NGS standards; 2) that the methods used to derive values for the marks meet NGS standards, and; 3) that the observation data is submitted to NGS for publication and inclusion in the National Spatial Reference System (NSRS). Furthermore, we can recommend that local officials use the services of our state NGS Advisor, whose job is to assist agencies in performing geodetic surveys.

The Terrebonne Parish Benchmark System is one notable example of how local governments can make significant contributions in increasing the number of available marks. This project established a network of over 400 permanent horizontal and vertical control marks. The marks were established at a cost of less than \$200 each, and all marks were accepted by NGS for inclusion in the NSRS. Other parishes such as Calcasieu, St. Mary, Bossier, and Jefferson have also established extensive control networks.

Some municipalities are installing Continuously Operating Reference Systems. These innovative systems will be equipped with a radio link and will provide real time differential corrections. Will these



J. Walter Ballard, P.L.S.
President
Louisiana Society of
Professional Surveyors

systems replace the hard marks that we have traditionally used? Possibly, but until the day comes when real time corrections are available for all of Louisiana and every surveyor uses GPS, we need to work toward setting new marks.

I have asked Tony Cavell, District 3 Chairman, to chair a committee that will make recommendations to the LSPS Board on measures we can take to increase local government involvement in establishing new survey control. I ask you to contact Tony or me with your ideas.

Someone set the marks we have now with the forethought and initiative to provide for the long-term good of surveyors and the public. We need to make a conscious effort to see that we do the same.

"THE PAST MUST SURVIVE SO THAT THE FUTURE WILL THRIVE."



LSPS

IN MEMORIAM



Edward J. McNamara, P.E., died on July 30, 1999. He was 83 years of age. Mr. McNamara was a member of this Board from 1978-1987. During his nine year tenure, he served in all offices of the board and received the Distinguished Service Award from the Southern Zone of the NCEES.

Mr. McNamara was born in Thibodaux and lived in New Orleans for many years. He graduated from Tulane University in civil engineering in 1939. Mr. McNamara was a Navy veteran of World War II and the

Korean War. He served as a Seabee and retired as a Commander in the U.S. Naval Reserves.

He was a member of various professional societies including the American Society of Civil Engineers, National Society of Professional Engineers, American Society of Military Engineers, and the Louisiana Engineering Society where he served as state president.

EXAMINATION SCHEDULE

Examinations in land surveying and in the chemical, civil, electrical, environmental, and mechanical engineering disciplines are offered in the spring and fall of each year. Examinations in all other engineering disciplines are offered only in the fall of each year. The professional examinations are offered on Fridays, and the fundamentals examinations are offered on Saturdays. Upcoming examination weekends include April 14-15, 2000 and October 27-28, 2000.

Applications for engineering examinations should be submitted to the Board office at least three (3) months prior to the examination date, and applications for surveying examinations should be submitted to the Board office at least six (6) months prior to the examination date.

Billing Reminder

Registrants whose registration expires on March 31, 2000 should receive their renewal invoices on or about February 1, 2000. If you have not received this invoice by February 29, 2000 please contact the Board office.

We Have Moved!

Beginning November 18, 1999, the Board's new address will be:

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Fax: 225-925-6292**

COMPLIANCE WITH STATE FIRE MARSHAL REGULATIONS

By: Larry McKee, P.E.

Larry McKee, a former Chairman of the Board, is retained by the Board to review "not in compliance" (NIC) letters issued by the Office of State Fire Marshal and to review plans set aside by the Fire Marshal as being deficient to warrant Board concern.

The professional engineering community performs reasonably well in the plans designing buildings (structures), fire sprinkler systems, fire alarm systems, hood suppression units, or storage tank facilities that have been submitted to the Office of State Fire Marshal for review. However, a review of the past year's submissions shows that there is still room for improvement in each of these areas.

During a period from April 1, 1998 through December 31, 1998, 2,123 review applications were submitted by engineers to the Office of State Fire Marshal for review. Of this total, 153, or 7.2%, were found to be "not in compliance" (NIC) with the laws and/or rules of the Office of State Fire Marshal. However, of the total 153 not in compliance projects, 45, or 2.1% of the 2,123 applications, were "not in compliance" (NIC) for non-technical reasons and 108 were "not in compliance" due to a technical or design deficiency within the project. This represents 5.1% of the total 2,123 applications submitted by engineers for the period of April 1, 1998 through December 31, 1998.

The Office of State Fire Marshal receives five (5) types or categories of applications. These are: Architectural (Basic Building), Fire Sprinkler, Fire Alarm, Hood Suppression, and Tanks. Although Architectural review applications constitute 60% of all applications submitted, the Fire Sprinkler category received the greatest

Total Number Applications		Total NIC Letters				Total Tech. NIC Letters		
Review Type	No.	%	No.	% Total ¹	% Type ²	No.	% ¹ Total	% ² Type
Architectural	1,266	59.6	54	2.6	4.3	33	1.5	2.6
Sprinkler	330	15.5	49	2.3	14.8	38	1.8	11.5
Fire Alarm	37	17.6	39	1.8	10.4	27	1.3	7.2
Hood Suppression	65	3.2	5	0.2	7.7	4	0.2	6.2
Tanks	88	4.1	6	0.3	6.8	6	0.3	6.8
All Types Total	2,123	100.0	153	7.2	N/A	108	5.1	N/A

¹ Percent of Total (2,123) Applications
² Percent of Total of Type Application (5 Separate Totals)

Figure 1

number of technical "not in compliance" letters. A breakdown of total applications and total "not in compliance" letters by type or category is presented in Figure 1.

As shown in Figure 1, of the 330 Sprinkler Systems reviewed by the Office of State Fire Marshal, 38, or 11.5%, received "not in compliance" letters for technical deficiencies, whereas 33, or 2.6% of the 1,266 Architectural review applications, received "not in compliance" letters. The number of "not in compliance" letters for other types of applications can also be found in Figure 1.

Utilizing 131 "not in compliance" letters provided by LAPELS, the reasons for non-compliance within each type were developed.

Basic design deficiencies such as inadequate water quantity or pressure, visual notification, smoke detection, and audible alarm resulted in non-compliance of Fire Sprinkler and Fire Alarm Systems.

Non-compliance of Architectural (Basic Building) applications was primarily the result of inadequate egress, fire wall location and rating, fire door rating, common route of exit travel, and other requirements as covered under Chapters 5 and 6 of the Life Safety Code (NFPA 101).

The greatest need for improvement among professional engineers engaged in the design of commercial buildings on their support facilities as related to safety features, are in the areas of fire sprinkler system design and fire alarm system design.

Additionally, engineers involved in commercial building design need to become more knowledgeable of the Life Safety Code (NFPA 101) and more particularly with Chapters 1 through 7 of that code.

If you want to become more knowledgeable of the Life Safety Code, the primary source of informational and educational resources is through the National Fire Protection Association. This association conducts seminars throughout the United States on all types of fire protection and life safety codes. Seminar schedules are available from National Fire Protection Association or me. I have recently attended one of these seminars and I strongly recommend that professional engineers engaged in this type of activity attend one or more of these seminars.



LAPELS

CPD QUESTIONS

What courses qualify for CPD?

The Board approves "Sponsors/Providers" of CPD activities; however, the Board does not approve particular courses or activities. A course or activity does not have to be presented by an "Approved" sponsor/provider for the registrant to claim credit for the course or activity.

It is your responsibility to determine if the activity meets your CPD needs and to maintain documentation adequate to support your decision to claim credit for the particular activity.

All activities for which PDH credits are claimed must be relevant to the practice of engineering for Professional Engineers or land surveying for Professional Land Surveyors and may include technical, ethical, or managerial content. These activities should advance the professional or technical competence of the registrant.

We hope to provide more information about the Sponsors/Providers of CPD courses and activities. Presently, we have very little information about what the professional societies, universities, or government agencies have available. We will post web links to any Sponsors/Providers of courses or

activities that are scheduled as soon as the information is available.

How can I meet the requirement for one PDH in professional ethics?

Various professional societies provide courses on professional ethics. Try searching the internet for such courses and visit our web page for courses we know about.

Also, a Professionalism and Ethics presentation which includes a self-administered examination is provided on our web site. Registrants may study the presentation and complete the examination to obtain one PDH credit in professional ethics.

My company has an in-house training program. Can our courses be used for CPD credit?

In-house training can certainly be used for CPD credit as long as the courses meet the definition of "Acceptable Activity" as defined in § 2003 of the Rules. The company should maintain records of these courses and attendance rosters for six years and provide the registrants with documentation adequate to verify completion of the course.

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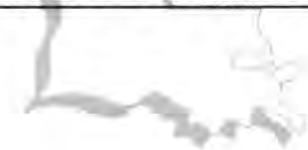
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January 24-25, 2000
March 20-21, 2000
May 22-23, 2000

NEW REGISTRANTS



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7/21/1999-10/12/1999

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Castillo, Carlos Federico
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Cox, Jack Cecil
Dayton, David St Clair III
Ehresmann, Ronald William
Fallowfield, Robert Paul
Griggs, Paul Horace
Grogan, Thomas Anthony Jr
Halloran Lancaster, Franklin Donald
Haque, Moyeenul
Jernigan, Peter Guthrie Jr
Johnson, Tommy Lane
King, George Spencer
Malavasi, Vincent Joseph Jr
Marks, James Joseph III
Maxwell, Robert Alan
Mccown, Shannon Dale
Mcdonald, William Dennis
Meyers, William Lester Jr
Morgan, Jack Carr
Nottingham, Todd Sean
Nutt, Charles Alexis
Pirrello, Mark Anthony
Puskas, David James
Reed, Ronald Francis
Schaeffer, Thomas Charles
Siah, Kiumars
Smith, Wallace Cayford III
Stout, Paul James
Turner, Robert Mason
Wallace, Stanley Doyle
Walther, Michael Paul
Wey, Eric Hamilton
Williams, Gregory Leigh
Zadeh, Rahim A.

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ELECTRICAL

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Sanders, Thomas Gaughan
Sangu, Ataru
Starr, Jon Larry II
Thornton, Nelson Ray Jr
Thweatt, Robert Thompson

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Robertson, Mickey Lee

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Caillouet, Corey Daniel
Girau, Rita Wehner
Miller, Andrea Yvonne
Taravella, Julia Lugovaya
Turner, Natalie Ellen
Weston, Karla Ewing
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Engineering Design Group, Inc.
John Chance Land Surveys, Inc.
Entergy Operations Services, Inc.
Environmental Science & Engineering, Inc.
H and M Architects/Engineers, Inc.
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Douglas Domingue, Inc.
John Chance Land Surveys, Inc.



LAPELS

GOVERNOR APPOINTS TWO NEW BOARD MEMBERS

Governor Foster has appointed Bijan Sharafkhani, P.E., replacing Jorge M. Ferrer, P.E., and Bob J. Green, P.E., replacing Richard E. Ruckstuhl, P.E., P.L.S., effective August 1, 1999. Both are to serve the Board for six years.



Bob J. Green

Upon graduation from Louisiana Tech University in 1962 with a Bachelor of Science Degree in Mechanical Engineering, Bob joined PPG Industries, Chemical Division. From 1962 to 1990 he held various positions in Maintenance, Engineering, and Operations at PPG's Lake Charles, Louisiana Complex. In 1990, he accepted the position of Surface Maintenance Superintendent at Solvay Mineral's Trona Mine and Soda Ash Refinery in Green River, Wyoming. In 1994, he rejoined PPG at Lake Charles where he currently serves as Manager, Engineering Services.

Bob is a registered Professional Engineer in Mechanical Engineering in the State of Louisiana and is a member of the Louisiana Engineering Society and the

National Society of Professional Engineers. He is a past member of the Board of Directors of the Louisiana Tech Engineering Foundation. He currently serves as a Team Leader on a Chlorine Institute Task Group on Special Equipment and Techniques. Bob has been involved in United Way work for a number of years, serving as a Loaned Executive and as Co-Chair for his Company's drive. He is an active member of Sale Street Baptist Church in Lake Charles.

Bob and his wife Ruth have three children and nine grandchildren.



Bijan Sharafkhani

Bijan Sharafkhani received his BS and MS in civil engineering from the University of New Orleans. After receiving his undergraduate degree, Bijan started his career with the Sewerage and Water Board of New Orleans. After six years of service in the environmental section and in the engineering section, Bijan left this job to join the Louisiana Department of Environmental Quality (LDEQ). For two years he was with the LDEQ Solid Waste Division.

He then joined Woodward, Clyde Consultants in the Baton Rouge office, where for over two years he was involved in the design, construction and permitting of multi-million dollar environmental related projects. In 1992, he returned to LDEQ where he is currently an Engineering Manager in the Technology Division. His section provides technical support to the Permits and Remediation Divisions. The section also provides technical assistance in the development of new regulations.

Bijan was a member of the team that developed LDEQ's Risk Evaluation and Corrective Action Program (RECAP). This document provides clean-up standards for soil and groundwater media for various chemicals based on their level of risk to the environment.

At the national level, Bijan is a member of a technical steering committee, representing states within the EPA region VI area (Arkansas, Louisiana, New Mexico, Oklahoma and Texas) that developed the non-hazardous, industrial waste guide.

He is married to the former Ms. Lilly Young of Moore, Oklahoma. She is a teacher with the Livingston Parish School System. They have a daughter, Vida, a senior at Denham Springs High School.

He is a registered engineer in Louisiana and is a member of the American Society of Civil Engineers, the Louisiana Engineering Society, and the Louisiana Environmental Health Association.

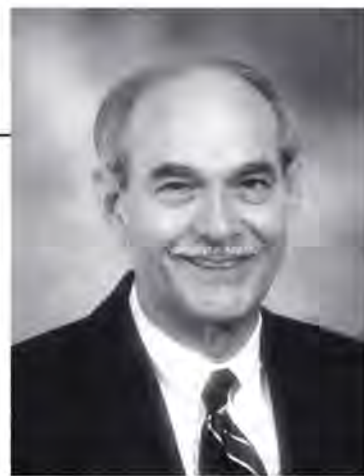
MESSAGE FROM THE CHAIRMAN

By: Merlin A. Pistorius, P.E., P.L.S.

Promotion of Licensure—Whose Responsibility Is It? Some would say it is the responsibility of the engineering schools, while others would contend that it should be the profession in general working through the efforts of NSPE and LES, or perhaps NCEES and the various Boards of Licensure around the country. I know, for a matter of fact, this subject has been in the forefront of discussions at the Southern Zone meeting of NCEES for the past five years. This topic is almost always on the agenda of a zone meeting or the annual meeting of NCEES. At the local Board level, for example, a great amount of energy has been expended over the past four years in seeking ways to encourage an increase in licensure among engineers in industry. However, should this be the Board's responsibility? Many do not think that it should. Rather, they argue that the need will drive an engineer to licensure. This sounds reasonable, somewhat like the economic rule of supply and demand, but it does not take into account what is best for the public.

There is no question that the current Board would like to see all graduate engineers become licensed, if qualified. After all, this ideal would go a long way toward fulfilling the Board's primary mission, which is to safeguard life, health and property, and to promote the public welfare...". Certainly,

neither licensure or CPD, for that matter, is a guarantee that the Board's mission will always be satisfied, but both of these measures are building blocks that aid in accomplishment of the mission. I am told that roughly 65,000 men and women graduate annually from ABET-accredited undergraduate engineering programs at this time in the United States. Of this number, almost 30,000 take the Fundamentals of Engineering (FE) exam during their senior year. This, of course, is a very important first step in becoming a professional engineer. Then, after four years of relevant experience, the graduate engineer is allowed to take a Principles and Practice (PE) exam. Passing these exams along with other requirements usually establishes the criteria needed for a Board to grant a license. Recent statistics indicate that a little less than 15,000 of those choosing to take the FE exam as seniors come back four years later and take the PE exam. According to these published figures, one-half of the ABET graduate engineers are taking advantage of the FE exam during their senior year, and approximately one-half of this group is taking the PE exam at the end of four years. Obviously, this does not represent all engineers because there are others who choose to take both exams according to other schedules. However, it can safely be said that less than 30% of this initial group of ABET graduates are becoming licensed four years or so after graduation. While this



Merlin A. Pistorius, P.E., P.L.S.
Chairman
Louisiana Professional Engineering
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does not provide a complete picture of what all ABET graduate engineers are doing about becoming licensed, it does provide a sampling that probably closely represents at this time the ratio of licensed versus unlicensed engineers.

It seems to me that the public would better understand, respect, and feel more secure using the services of a profession that has uniform requirements and standards for all of its participants. A license would also seem to satisfy this. Graduation from an engineering school is an important first step, but ascending to the professional level needs to be marked by a recognizable and accepted requirement beyond graduation. Who can best promote this need? Perhaps it is the responsibility of the entire profession of engineering!





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PRESENTING THE 1999-2000 CEC/L BOARD OF GOVERNORS

Russell J. Ponder, P.E., is serving this year as President of the Consulting Engineers Council of Louisiana. He has served on the Board of Governors for several years holding all offices of the Executive Committee. He had also served as the New Orleans Chapter's Secretary and Vice President. Formerly with Walk, Haydel & Associates, Inc., New Orleans, LA for 25 years, Ponder is now Senior Manager with River Consulting, Inc., a multi-discipline engineering firm located in Metairie, LA. River Consulting provides services in civil engineering (environmental and structural), mechanical, electrical and industrial engineering, construction management, mining, and materials handling. 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 was with Walk, Haydel & Associates, Inc. for the past 25 years holding various positions including Director - Architectural Division, Design Engineer, Project Engineer, Department Head - Civil Engineering, and Senior Project Manager. He holds membership 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 President-elect of Consulting Engineers Council of Louisiana, having served on the Board of Governors as Vice President this past year. He previously served as Treasurer, Secretary, four years as a Member-at-Large and two years as Shreveport Chapter President. In private practice as a principal since 1975, Basinger is President/Co-Owner of BBC Engineering, Inc., a Shreveport consulting engineering firm providing civil engineering services, land planning and surveying. He graduated from Louisiana Tech University in 1970 with a B.S. degree in Civil Engineering. He and his wife of 30 years, the former Marcia Dolin, have two sons (also graduates of Louisiana Tech), a daughter and two grandchildren. Marcia is also a Louisiana Tech graduate. Basinger is registered to practice engineering in Louisiana and Texas. He is a professional land surveyor licensed in the State of Louisiana. Basinger is a member of the Shreveport Chamber of Commerce and the Bossier Chamber of Commerce. He and his spouse are active members of Springs of Grace Baptist Church in Shreveport. He serves as Chairman of the Board of Trustees of his church. He is chair of the CEC/L Public Relations Committee and is serving on the CEC/L Transportation Committee. His main goal as President-elect of CEC/L is to see increased membership so that the organization can more effectively serve and safeguard the business of consulting engineering and to increase the public awareness and appreciation of the engineering profession.

Joe H. Harman, P.E., has been elected CEC/L Vice President, having served last year as the Council's Treasurer. He is Executive Vice President of Professional Engineering Consultants Corporation, a Baton Rouge consulting engineering firm specializing in civil engineering (municipal, structural, sanitary drainage, flood control, highways, bridges), electrical engineering and surveying. He continues to serve on the American Consulting Engineers Council's Environmental Committee, and he is chairman of the CEC/L Membership Development Committee.

Ann Forte Trappey, P.E., is this year's CEC/L Treasurer. She is Chief Executive Officer and President of Forte and Tablada, Inc., Baton Rouge,

a multi-discipline firm offering electrical, environmental, civil, mechanical and structural engineering services. Ms. Trappey serves on the CEC/L-EP&C Liaison Committee, the CEC/L - AIA-LA Liaison Committee. She is also Vice President of the Louisiana Engineering Foundation. Active in the community, she is a member of the Baton Rouge Junior League, Baton Rouge Rotary Club and the Community Fund for the Arts (having served as the 1996 Engineering Committee Chairperson). She is a member of the Board of Directors of the Audubon Girl Scout Council.

Wilfred B. Barry, P.E., is serving his first year on the CEC/L Executive Committee as Secretary of the Council. He is President of the SJB Group, Inc., a Baton Rouge engineering firm offering services in civil engineering (environmental, municipal, structural, transportation), mechanical engineering, surveying, and land development. He is chairman of the CEC/L Communications Committee and maintains an active posture in the Rotary Club of Baton Rouge, the Baton Rouge Chamber of Commerce, and the Safety and Occupational Health Council.

Donald W. Clayton, P.E., CEC/L's Immediate Past President, is serving on the board this year as the Council's National Director, representing CEC/L at all meetings of the ACEC Board of Directors. He is President of Ballard & Associates, Inc., an Alexandria, LA consulting firm providing professional services in civil, structural and environmental engineering, architecture, surveying and laboratory analyses. Clayton is active in the Central Louisiana Chamber of Commerce and in the Alexandria Rotary Club. He currently serves on the CEC/L Annual Meeting Planning Committee.

Ronald L. Boutte, P.E., has been re-elected as a Member-at-Large representing the Shreveport area. He is Vice President of John J. Guth Associates, Inc., a consulting firm offering services in mechanical and electrical engineering for HVAC, plumbing, fire protection, solar energy, and electrical and communication systems for a wide variety of public and private clients. He chairs the CEC/L-EP&C Liaison Committee, the Fire Marshal's Office Liaison Committee, and the CEC/L-AIA/LA Liaison Committee.

P. Charles Taylor, Jr., P.E., serves on the CEC/L Board of Governors for the first time as a Member-at-Large, representing the Monroe-West Monroe area. A graduate of Louisiana Polytechnic Institute, he obtained his BS and MS degrees in Civil Engineering in 1968 and 1969. He served for three and a half years in the U.S. Navy Civil Engineering Corps and was discharged from active duty in 1973 with the rank of Lieutenant. He moved to Monroe and worked as a structural engineer for the firm of Paul F. Stewart, Architect. In 1974, he joined the staff of S.E. Huey Co., where he has been for the past 25 years, becoming an owner in 1978, Chief Engineer in 1982, Treasurer in 1989, and President in 1995. He has continuously involved himself in all the day-to-day business of the company and still maintains a hands-on design roll on many of the projects under his charge. His work as a design engineer has involved all types of civil engineering from structural to wastewater to roads and utilities.

Frank Nicoladis, P.E., has returned to the Board of Governors as a Member-at-Large from the New Orleans area. He is President of N-Y Associates, Inc., a Metairie, LA based multi-disciplinary firm that provides all types of services in the fields of engineering, architecture, planning and surveying. After several years of service on the Board of Governors, Nicoladis became the Council's 1995-1996 President, followed by a year as the National Director. In ACEC, the national affiliate, he serves actively as an ACE/PAC Trustee, and he is a member of the ACEC Federal Agencies Liaison Committee. A recent recipient of CEC/L's prestigious A.E. Wilder, Jr. Award for outstanding

service to the organization, Nicoladis serves on the CEC/L Legislative Committee and the CEC/L Transportation Committee.

Carl Jakob, P.E., serves CEC/L this year as a Member-at-Large from the Houma area. He is a Vice President of GSE Associates, Inc. (formerly Gulf South Engineers), an engineering-architectural-surveying and planning firm with offices in Houma and Metairie, LA. He was the 1995-1996 President of the Louisiana Engineering Society. Besides his numerous activities in professional circles, Jakob is involved in many civic activities including organizing Terrebonne Parish's Christmas Tree Coastal Restoration Project. He is a member of Rotary International and is a youth sports coach and scout leader.

Ara Arman, P.E., elected to serve as one of CEC/L's Members-at-Large, is Senior Vice President of GEC, Inc., Baton Rouge, LA, a consulting firm qualified in the fields of transportation, road and bridge design, water resources, planning and economics, and environmental engineering. Formerly a professor and chairman of the Department of Civil Engineering at LSU and Associate Dean of the College of Engineering at LSU, Arman has had conferred upon him the prestigious title of Professor Emeritus. A geotechnical and environmental engineer, Arman has authored 78 papers and books in those fields. He serves as an active member of the CEC/L Transportation Committee.

Jay F. Breaux, P.E., has been re-elected to serve CEC/L on the Board of Governors as a Member-at-Large representing the Lafayette area. He is a founding principal of M & E Consulting, Inc., a Lafayette mechanical and electrical consulting engineering firm. A Louisiana certified asbestos project designer, 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 is a member of Kiwanis of Acadiana and has been active in assisting with the Mathcounts program at the local and state levels. Breaux serves on the Council's CEC/L-EP&C Liaison Committee.

Ashton B. Avegno, Jr., P.E., was elected by CEC/L to the office of Member-at-Large. He is also currently serving as Vice President of the CEC/L New Orleans Chapter. Avegno received a Bachelor of Science degree in Civil Engineering in 1972 and a Master of Engineering in Structures and Foundations in 1977 from Tulane University. He has practiced civil and structural engineering with the firms of Modjeski and Masters, Waldemar S. Nelson, URS, and is currently part owner of Jeffrey, Thomas, Avegno, Inc., a civil/structural consulting firm in New Orleans. He is a member of ASCE, the American Concrete Institute, and AISC and is registered in the states of Louisiana, Mississippi, Alabama, Arkansas, Texas, Florida, Washington, Pennsylvania, and Missouri. Avegno is married to the former Royann Price, and they have nine children.

Pressley L. Campbell, P.E., Ph.D., was elected by his peers to serve as the Baton Rouge Chapter President. He is Vice President in CRA Services, Inc. in the Baton Rouge office. CRA Services was formerly G & E Engineering before becoming a member of the internationally known Conestoga Rovers & Associates. He obtained his B.S., M.S. and Ph.D. degrees in Civil Engineering from Carnegie Institute of Technology, now Carnegie Mellon University, in Pittsburgh, PA. Campbell relocated to Louisiana in 1979 as a part of the engineering effort to place oil in the salt domes for the Strategic Petroleum Reserve. His career work has implemented the soils, hydrology, and hydraulics disciplines of civil engineering in environmental projects as engineering design and site restoration for many years. He has been instrumental in numerous innovative, successful groundwater and Superfund site cleanups in

Louisiana and throughout the U.S., including Louisiana's No. 1 Superfund site, the Old Inger site. Campbell has lectured at conferences and seminars regarding hazardous waste throughout the U.S. and in the Commonwealth of Independent States (CIS), Canada, and China. He is an active member of the CEC/L-USA Liaison Committee.

William D. Lancaster, P.E., serves on the Board of Governors as President of the New Orleans Chapter, having been elected by his peers. He is a project manager for the consulting firm of Hartman Engineering, Inc. where he has worked for the past ten years. Hartman Engineering, Inc. is a Kenner, LA based firm offering services in civil engineering (environmental, structural, general municipal, and transportation), hydrology, industrial, and planning. Lancaster manages civil and structural projects including drainage, sewer, roadways, bridges, buildings, and water and wastewater treatment plants. He was graduated from Mississippi State University in 1982 with a Bachelor of Science degree in Civil Engineering.

Anthony DeMarco, P.E., has been re-elected as the Alexandria Chapter President. 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 received his B.S. degree in Civil Engineering in 1979 from Louisiana Tech University. He is an active member of the Louisiana Engineering Society, National Society of Professional Engineers, and the Society of American Military Engineers (receiving the SAME Presidents award). He is also a member of Chi Epsilon, National Civil Engineering Honor Society. DeMarco chairs the CEC/L-USA (Rural Development) Liaison Committee, a group currently negotiating design services contract revisions and design fee structure.

David B. Stelly, P.E., is serving a third term as the President of the Lafayette Chapter. He is principal electrical engineer in the Lafayette office of Poche Associates, Ltd., a consulting engineering firm that provides services in energy management and electrical and mechanical engineering for private and public residential, commercial, educational, and industrial buildings and complexes. Stelly was graduated from the University of Southwestern Louisiana with a B.S. degree in Electrical Engineering in 1989. He is also an active member of the Louisiana Engineering Society, National Society of Professional Engineers, Institute of Electrical and Electronics Engineers, and the Illuminating Engineering Society of North America. Stelly serves on the CEC/L-EP&C Liaison Committee and chairs the CEC/L Annual Meeting Planning Committee.

Paul C. Demopoulos, P.E., is serving on the CEC/L Board of Governors as President of the Shreveport Chapter. He is a principal in the firm of Demopoulos & Ferguson Associates, Inc., a Shreveport, LA based consulting firm offering services in civil engineering (general municipal, transportation, structural, and environmental), architecture, hydrology, and land surveying. He is currently serving on the CEC/L Transportation Committee. A licensed civil engineer, Demopoulos is also active in ASCE-Louisiana Section (1990-1991 Shreveport Chapter President), the Louisiana Engineering Society, and the Society of Military Engineers. While he has been with Demopoulos & Ferguson Associates, Inc. since 1980, he has worked on numerous projects in areas of highways, bridges, including corridor studies, line and grade studies, environmental assessment; water supply, treatment and distribution; sewerage collection, treatment and disposal; land planning and development. Besides licensure in Louisiana, he is also registered in Texas and Arkansas. He holds membership in the Downtown Shreveport Rotary Club, East Ridge Country Club and the Shreveport Club.

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Address: Hahnville, LA 70057

AICHe American Institute of Chemical Engineers

Southwest Louisiana Chapter
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WkPhone: (318) 583-3671

ASAE American Society of Agricultural Engineers

Jay Robbins President
Wk Phone: (318) 255-1832 Fax: (318) 255-7572
Hm Phone: (318) 255-4072
E-Mail: jrobbs2@compuserve.com
Address: 3303 McDonald Ave. Ruston, LA 71270

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Louisiana Section President
S. Brin Kern, PE
WkPhone: (225) 765-7400 Fax: (225) 765-7244
E-Mail: bkern@abmb.com
Address: 2215 Vista Drive Baton Rouge, LA 70809

ASHRAE American Society of Heating Refrigeration and Air Conditioning Engineers

New Orleans Chapter
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E-Mail: felnolaol.com
Address: 1200 Monticello Jefferson, LA 70121

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E-Mail: hleblan@entergy.com
Address: W-GSB-202 ENTERGY Operations
LA Hwy 18 Killona, LA 70066

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ITE Institute of Transportation Engineers

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HmPhone: (601) 268-0287
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Suite 101

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Wk Phone: (225) 924-2021 Fax: (225) 924-2049
E-Mail: les@communique.net
Address: 9643 Brookline Ave. Baton Rouge, LA 70809
Suite 116

LSPECS Louisiana Society of Professional Engineers in Civil Service

David Hodnett President
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HmPhone: (318) 644-1749
Address: P.O. Box 4068 Monroe, LA 71211

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E-Mail: Waugh@engr.sc.edu
Address: University of South Carolina, College of Engineering
300 S. Main St. Columbia, SC 29208

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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
Gregory P. Sepeda	1999

THE ANDREW M. LOCKETT MEDAL

Lester F. Alexander	1951
Harold C. Leonard	1952
A. B. Paterson	1953
Arthur J. Naquin	1954
Not Awarded	1955
Homer G. Fritchie	1956
Frank H. Coughlin	1957
Neville Levy	1958
Not Awarded	1959
Franklyn G. Hornsby	1960
Clayton L. Nairne	1961
Not Awarded	1962
Richard R.L. Ward	1963
W. J. Evans	1964
Edwards S. Bres	1965
Jeffrey H. Collins	1966
U. J. Gajan	1967
H. Nash Ogden	1968
Not Awarded	1969
Dean Ben T. Bogard	1970
Max M. Merrick	1971
James S. Janssen	1972
Elmer E. Shutts	1973
Irwin R. Schneider	1974
Charles A. Killgore	1975
D. Allan Collette, Jr.	1976

Frank H. Walk	1977
Paul W. Murrill	1978
Hugh B. Balfour	1979
Edward W. Midlam	1980
Marion J. Chaney	1981
Rodney M. Vincent	1982
Waldemar S. Nelson	1983
T. Dudley Hixson	1984
Mack Abraham	1985
John E. Ritter	1986
Not Awarded	1987
John T. Roberts	1988
Virgil Orr	1989
Wayne E. Staton	1990
James L. Meyer	1991
Bobby E. Price	1992
John W. Moore	1993
Jerry G. Lazenby	1994
A. J. Szabo	1995
D. Walter Jessen, Sr.	1996
Thomas L. Holtzclaw	1997
Robert R. Aillet	1998
Peter R. Quirk	1999

LEO M. ODOM SERVICES TO THE PROFESSION AWARD

Leo M. Odom	1972
Roger W. Richardson	1973
Marshall B. Ewing	1974
Farrell W. Adams	1975
A. J. Szabo	1976
Waldemar S. Nelson	1977
J. J. Thigpen	1978
Fred C. Culpepper, Jr.	1979
David L. Johnson	1980
James L. Meyer	1981
Francis C. Roy	1982
James W. Reeves	1983
Arthur A. DeFraities, Jr.	1984
Lamon L. Moody	1985
Bobby E. Price	1986
C. Carter Brown	1987
Edward J. McNamara	1988
Frank H. Walk	1989
James S. Janssen	1990
H. L. Henry, Jr.	1991
John E. Ritter	1992
Robert D. Fenner	1993
Albert J. Dunn	1994
Thomas D. Hixson	1995
Glynn P. Gautreau, P.E.	1996
Kerry J. LaBauve	1997
James D. Mohr	1998
Dr. Louis J. Cappozoli	1999

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. Hurstell	1980
Lamon L. Moody	1981
Waldemar S. Nelson	1982
Richard A. Matula	1983
George J. Groh	1984
Frank H. Walk	1985
William C. Smith	1986
Gerald M. Haydel	1987
Daniel D. Reneau	1988
Eugene H. Owen	1989
Edgar P. Benoit	1990
Neil L. Wagoner	1991
Arthur F. d'Aquin, Jr.	1992
William J. Thevenote, Jr.	1993
Michael A. Schulz, Jr.	1994
Kam K. Movassaghi	1995
Arthur A. DeFraities, Jr.	1996
Richard A. VanWootten	1997
Ray W. Burgess	1998
James L. Meyer	1999

CHARLES M. KERR PUBLIC RELATIONS AWARD

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

WALDEMAR S. NELSON PRESIDENT'S AWARD

Bobby E. Price, Ph.D.	1996
Dale T. Hunn	1997
Thomas D. Hixson	1998
Frank P. Gallagher, III	1999

JAMES M. TODD TECHNOLOGICAL ACCOMPLISHMENT MEDAL

A. Baldwin Wood	1951
Edwin L. Dennis	1952
C. Glenn Cappel	1953
Alexis Voorhies	1954
Not Awarded	1955
Wiley D. Poole	1956
Irven E. Hanson	1957
Jesse Coates	1958
William B. Gurney	1959
Robert J. Kuhn	1960
Not Awarded	1961
Not Awarded	1962
Not Awarded	1963
Joseph H. Barnwell	1964
Armand L. Willoz	1965
Frederick W. Zur Burg	1966
Clifford M. Cockrell	1967
Not Awarded	1968
Not Awarded	1969
Paul W. Murrill	1970
Roger W. Richardson	1971
Not Awarded	1972
George L. Heller	1973
Frank W. Macdonald	1974
Walter E. Blessey	1975
Philip W. Bohne	1976
John C. Copes	1977
Louis J. Capozzoli, Jr.	1978
Pierre A. Lapeyre	1979
Not Awarded	1980
J. Bres Eustis	1981
Hugh A. Thompson	1982
Roy W. Schubert	1983
John E. Chance	1984
Michael W. Flores	1985
Not Awarded	1986
Not Awarded	1987
Robert S. Jones	1988
Charles W. Hair, III	1989
Geoffrey R. Say	1990
James L. Rike	1991
D. Thomas Iseley	1992
Ernest L. Kistler	1993
Jay Charles Smith	1994
James P. Ledet	1995
John R. Collier, P.E.	1996
Dr. Janardanan O. Uppot	1997
William E. Simon	1998
Not Awarded	1999

PREPARE NOW — THE FUTURE IS JUST AN AD

By: Alvin F. Meyer, President
A.F. Meyer & Associates, Inc.

Energy Conservation Begins Now

Recent summer blackouts in the South should make us sit up and pay attention to the future of energy. Due to shortages caused by excessive temperatures, storms, and the growing depletion of basic fuel sources, the frequency of blackouts has reached unacceptable levels. The following concepts are intended to show alternative ways of preventing future shortages.

In today's society, without electricity, it is virtually impossible to sustain the standard of living with which this country has become accustomed to. It is no longer a luxury to have electricity as it was in many years past. Today's technology requires a massive source of energy to function. For example, hospitals, emergency services, plants, etc., where would we be if there was no electricity to maintain these necessities? We as a society have become so dependent upon the availability of electrical power, that when it is not available, our lives are put on hold.

Also, global warming increases every year. The summer months all over the United States have seen, just within the last ten (10) years, an alarming increase in heat related problems. The necessity for air conditioning has soared. The elderly and young alike are affected by this need. Problems such as heat related deaths could be prevented with affordable,

adequate alternatives to fuel use.

One alternative is the availability of battery powered illumination devices. Luminaries, such as those found in RV's, boats and very remote or isolated locations, provide electricity to function just as one would at home (i.e. cooking, air conditioning, lighting, hot water, and even the luxury of radio and television). These 12volt systems are fairly inexpensive and provide an adequate supply of power. A scaled down version of this concept is flashlights, portable radios, and car batteries, etc.

Another alternative is a solar cell system which furnishes a satisfactory visual environment together with the capability to maintain and operate computers, faxes, and other amenities such as refrigeration and so on. This concept allows for long-term use. The benefit to this concept is it is low in cost.

By using alternative sources of electric power, we can conserve this commodity. Unfortunately, gas powered generators defeat the purpose of conservation and therefore are not a good choice for alternative energy sources.

Education can play a major role in the development of additional alternative sources. If we begin now by educating the young on the importance of energy conservation, our future will be less dependent on the traditional source of energy which may be too depleted to provide reliable power.

The government, private industry, civic organizations and other entities, such as LES, must start now with funding and programs designed to encourage alternative fuel sources. Such programs could include: (1) contests and awards/incentives for the development of alternative ideas to fuel; (2) energy conservation awareness programs in schools (as seen in the mid 1970's); and (3) mandatory energy conservation in government office buildings and public educational facilities, this in hope that others will follow. With the encouragement of the federal, state and local government, we can begin to make a difference. We must teach our children by our example how to be more aware of energy conservation.

It is hard to imagine our world without power. Our society has become so dependent on electrical power that we literally cannot function without it. In the future, energy will become a precious commodity. It is up to us, as citizens, to promote alternative, adequate sources of energy and to conserve what we have, so the United States will not be "left in the dark".



CALL FOR ENTRIES

LES

N SPE is seeking nominations for its year 2000 Professional Development Awards competition. Since 1960, NSPE has used this award to recognize engineering employers, which have made significant contributions to the advancement and improvement of engineering practices. The awards are (1) The 2000 Industry Professional Development Award and (2) The 2000 Private Practice Professional Development Award. All entries must be submitted through the Louisiana Engineering Society and must be received by NSPE no later than December 1, 1999.

Nominations are also being received for the NSPE Federal Engineer of the Year Award. Nominations must be submitted on the official form and be sent to NSPE by December 6, 1999.

Also, NSPE is seeking nominations for the 2000 NSPE Award, Young Engineer of the Year Award, and Distinguished Service Award. All entries must be submitted through the Louisiana Engineering Society and must be received by NSPE no later than February 1, 2000.

Further information on any of these NSPE awards can be obtained by calling the LES State Office at (225) 924-2021 or call NSPE Member Services at 888-285-NSPE.

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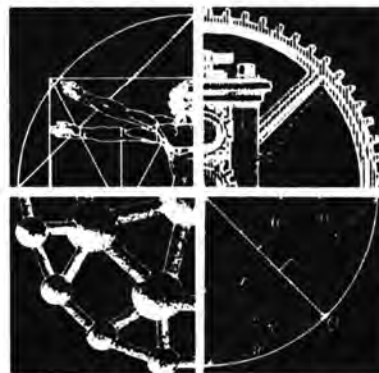
NOTICE

The Small Business Job Protection Act of 1996 repeals IRC Section 415(e) effective for plan limitation years beginning after December 31, 1999.

This change will enable an individual (or corporation) to fund for the maximum benefit in a qualified defined benefit pension plan even though such participant may have in the past contributed the maximum to a profit sharing and or money purchase plan. As a result, beginning January 1st 2000, individuals over age 50 will be able to contribute a much larger amount to a defined benefit plan than to one or more defined contribution plans.

No charge for initial consultation.

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The Fourth Louisiana Joint Engineering Societies Conference will be held at the Hotel Acadiana in Lafayette on February 3-4, 2000. The two day conference will provide an excellent opportunity for engineers of all disciplines to further their professional development and earn up to 10 Professional Development Hours. Some of the topics which are planned for the conference are:

Corrosion • Sanitary Sewer Rehabilitation
Geotextiles • Fire Sprinkler Design • Energy Code Review • Electrical Surge Protection • Wetland Determination • Environmental Law • Oil Field Formation Damage Control • Drilling Fluids and Optimization • Ethics • Surveying for Engineers
ADA • Life Safety Code • Construction Law/Public Bid Law • Professional Liability
Autocad 2000 • Well Log Analysis • Water and Wastewater Disinfection • Lighting Design • Traffic Engineering

Classes are still being formed. If anyone has suggestions for seminar topics please contact Chris Richard at (318) 232-5182, or fax (318) 237-7132 or email at chrissr@dsaengineering.com.

Schedule of Events

Thursday, February 3, 2000

8:00 a.m.-5:00 p.m. Registration
 9:00 a.m.-9:50 a.m. 1st session • 1 PDH
 9:50 a.m.-10:15 a.m. Break (exhibitors)
 10:15 a.m.-12:00 2nd session • 2 PDHs
 12:00 -1:00 p.m. Lunch in exhibit hall
 1:00 p.m.-1:50 p.m. 3rd session • 1 PDH
 1:50 p.m.-2:00 p.m. Break (exhibitors)
 2:00 p.m.-2:50 p.m. 4th session • 1 PDH
 2:50 p.m.-3:30 p.m. Break (exhibitors)
 3:30 p.m.-4:30 p.m. 5th session • 1PDH
 4:30 p.m.-until Committee meetings
 6:30 p.m.-7:00 p.m. Social
 7:00 p.m.-until Joint Banquet

Friday, February 4, 2000

7:30 a.m.-until LES Board meeting
 9:00 a.m.-9:50 a.m. 1st session • 1PDH
 9:50 a.m.-10:15 a.m. Break (exhibitors)
 10:15 a.m.-12:00 2nd session • 2 PDHs
 12:00-1:00 p.m. Lunch on your own
 1:00 p.m.-2:00 p.m. 3rd session • 1 PDH
 2:00 p.m.-until Society business

Total PDHs available: 10

Registration Form

Please complete and mail this with a check to:

LES
 9643 Brookline Ave. Ste. 116
 Baton Rouge, LA 70809

or fax your credit card order to (225) 924-2049.
 For further information, call the LES at (225) 924-2021.

Registration Fees (Deadline is Jan.14, 2000)

Includes lunch on Thursday, Social hour on Thursday, continental breakfast on Friday, and admittance to exhibit hall both days. Spouses are required to register, but are invited to attend the conference at no charge. Students must show I.D. at registration.

Participating Society Member: \$100 _____ (Late fee) \$125 _____
 Non-member: \$130 _____ (Late fee) \$155 _____
 Student: \$20 _____ (Late fee) \$25 _____

LES Honors & Awards Banquet tickets (\$25 per person): _____
 check one: Ribeye steak _____ Grilled Tilapia with herbs _____

Total fees remitted: _____

You must register to attend any event or session.

We require each individual to register by name at the door.

NAME: _____

COMPANY NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

PHONE: _____ FAX: _____

SPOUSE/GUEST: _____

PLEASE CHECK: VISA _____ MASTERCARD _____

CARD NO.: _____

EXPIRATION DATE: _____

TOTAL FEES REMITTED: \$ _____

SIGNATURE : _____

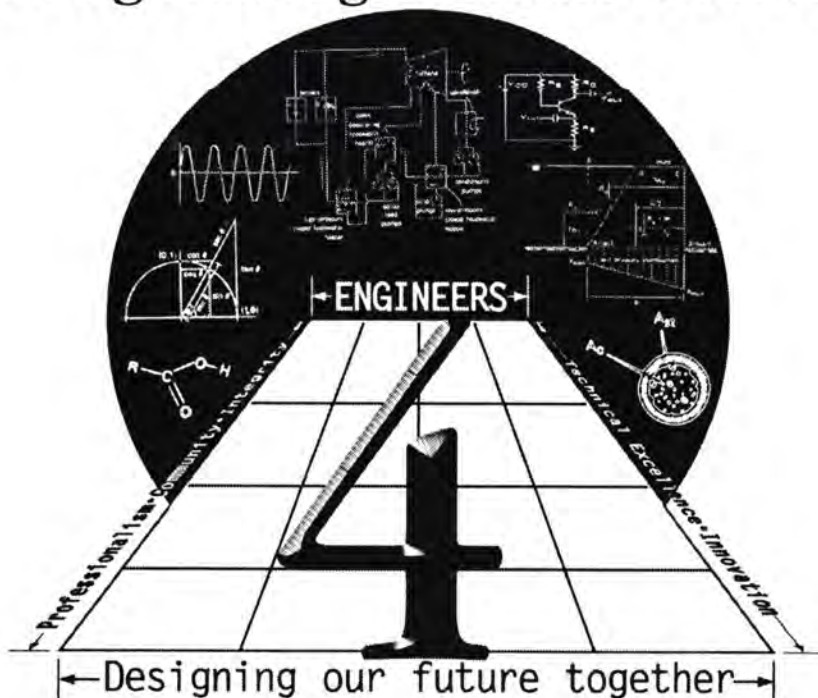
Please check all technical societies you belong to. If any are not listed, please write them in the blanks. No society membership is required to attend. Actual tally by section will be at the door.

☐ ASAE ☐ IES ☐ Other _____
☐ ASCE ☐ LES ☐ Other _____
☐ ASME ☐ SAME

For overnight accommodations, call the Hotel Acadiana at 1-800-826-8386. Their location is 1801 Pinhook Rd., Lafayette, LA 70508. The special conference rate is \$72 per room. You must state you are attending the LES Joint Conference to receive this rate. Registration deadline is January 14, 2000.

LES

Fourth Louisiana Joint Engineering Societies Conference



February 3-4, 2000
The Hotel Acadiana, Lafayette

LES is looking for a few good exhibitors

More than 300 engineers are expected to tour the exhibit hall during the Fourth Louisiana Joint Engineering Societies Conference. Leading engineers from all disciplines and industries will be there to learn about new developments in the latest products and services needed by their companies.

Exhibit your products and services on February 3 & 4, 2000

Reach the key people in your markets who are 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.

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For more information on how to exhibit a product or service, contact Brenda Gajan at (225) 924-2021 or fax at (225) 924-2049 to receive an information kit.

Yes, I want to exhibit at the 2000 Joint Meeting and Exhibition.

Name: _____
Company: _____
Address: _____
City, State, ZIP: _____
Phone: _____ Fax: _____

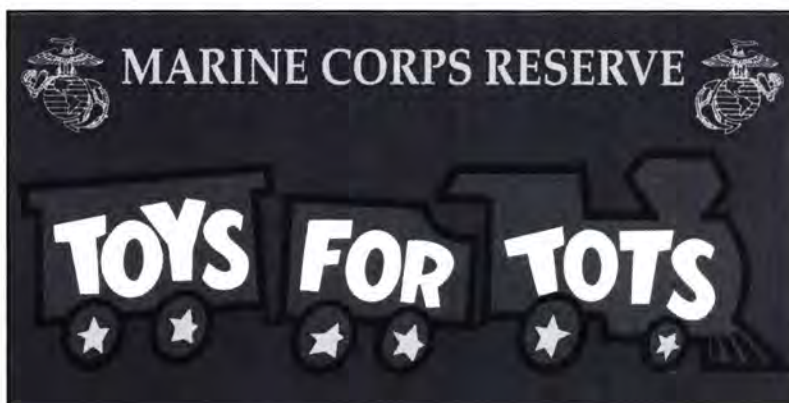
TOYS FOR TOTS

LES

Christmas is a time of joy, happiness, and goodwill. It is a time of giving and helping those who are less fortunate than ourselves, especially impoverished children. For the past 4 years the Louisiana Engineering Society, in conjunction with the U.S. Marine Corps Reserve has distributed toys to needy children.

Toys and/or cash contributions (all monies collected will be used to buy toys) will be received by the State Office beginning November 1st and ending December 15th. Toys are needed for boys and girls of all ages 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) 924-2021. Toys and cash contributions may be mailed to LES, 9643 Brookline Ave., Suite 116, Baton Rouge, LA 70809.



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On a personal note, as a CIH for 22 years aside from paying my fees I have maintained my certification with extensive requirements for education and training. Industrial hygiene remains a rapidly expanding technical discipline and when I look back on the opportunities and self-improvement that industrial hygiene continuous education has brought me, I appreciate the American Board of Industrial Hygiene's foresight in establishing this requirement. I find CPD to be perfectly compatible with my role as a professional engineer and I am very pleased to see the support that our local managers have given CPD.

By: Reggie D. Lewis, P.L.S., E.I.
Shreveport Chapter President

For the October meeting, Mr. Steve Hiner with CSR Hydro Conduit based in Houston, Texas spoke to the membership about the design and specification of rigid and flexible underground pipes. The lecture

presented many interesting design points. The most interesting being those relative to the methods and materials for construction of the pipe bedding. Many engineers attending the meeting were surprised at the significance the preparation of the pipe bedding had on the ultimate strength of the pipe. Mr. Hiner offered to present, free of charge, a more detailed six hour seminar on pipe design at a later date.

Finally, planning for the upcoming MATHCOUNTS competition is under-

way. The competition is scheduled for February 12, 2000, at J.S. Clark Middle School in Shreveport, La.

Teachers and students from many schools in our area are already preparing for the competition.

The next meeting for our chapter is scheduled for November 10, when Joben Murray will present a lecture on Automated Home Wiring.

JPL-1000 Patent Service

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BOARD OF DIRECTION MEETING HIGHLIGHTS

September 30, 1999 - Lake Charles, Louisiana

Ted Thompson, P.E., reported that the Tri-State Engineering Society Meeting held in Destin, Florida was a huge success and that this meeting was one of the most profitable and heavily attended meetings within the last ten years. It was also noted that the previously requested \$1500 from the CPD fund was not needed.

- The 1999-2000 proposed budget was reviewed and adopted.

- CPD Committee report and recommendations of September 3, 1999, was presented. The policy was discussed, amended, and adopted. The report will become part of the LES handbook and will be placed on the web page.

- Ted Thompson will appoint a committee to review the employee's retirement plan and will also appoint an investment committee to study and develop

recommendations to increase the value of LES' assets over the current CD rates.

- Steve Brown, P.E., spoke in favor of travel reimbursement expenses for the Legislative Chairman, stating that we intend to have an aggressive legislative program and it will involve some traveling within the state.

- Steve Brown stated, on behalf of the Legislative Committee, they will be asking the chapter presidents to identify a point of contact within each chapter who will respond to needs during the legislative session.

- Larry McKee, P.E., Legislative Committee Chairman, reported on a letter received from the Louisiana Chemical Association with regards to two of the Constitutional Amendments, which will appear on the October 23rd ballot. A lengthy discussion took place as to whether

or not LES should go on record in opposition or in agreement. Ted reminded the Board that the LES mission statement states: "public awareness activities" and "services to the public and profession" and to achieve that goal LES should be proactive, not reactive.

- It was decided that LES would become a sponsor to the EP/ Brownsfield's "99" Conference in Dallas, Texas.

- The next Board of Direction Meeting will be held December 10, 1999, in Baton Rouge. The 4th Annual Joint Engineering Societies Conference will be held February 3-4, 2000, in Lafayette. Also, the LES Annual Meeting will be held June 7-10, 2000, in Dallas, Texas.

** A complete copy of the minutes can be obtained through your chapter president or by calling the State Office.*

Presenting Your Organization Staffs

Taking a short respite for a photo opportunity, the staffs of the Louisiana Engineering Foundation (LEF), Louisiana Society of Professional Surveyors (LSPS), Consulting Engineers Council of Louisiana (CEC/L), Louisiana Section of the American Society of Civil Engineers (LA-ASCE), and the Louisiana Engineering Society (LES) gather in front of the new Louisiana Engineering Center.

Warren Wilder is the Executive Director of Consulting Engineers Council of Louisiana, and his spouse, Sarah, is the administrative assistant. The Council represents member private practice firms throughout the State.

Debra Bagley is the Administrative Secretary of the Louisiana Society of Professional

Surveyors, her organization serving Louisiana's member surveyors.

Brenda Gajan is the Executive Director of the Louisiana Engineering Society, Louisiana Section of the American Society of Civil Engineers, and the Louisiana Engineering Foundation. She is capably assisted by Cathy Guidry and Angie Bellard.

These organization staffers are professionals dedicated to serving their members and maintaining the vital link of continuity between their state organizations and their national affiliates. Staff extends an open invitation to all members to come



Representing the various Louisiana engineering and surveying organizations are (L to R) Warren Wilder (CEC/L), Sarah Wilder (CEC/L), Debra Bagley (LSPS), Brenda Gajan, Cathy Guidry and Angie Bellard (all three serving LEF, LES, and LA-ASCE)

by the Center for a visit and a tour of the beautiful facility. Somebody's always got a coffee pot going or a cold drink in the fridge!

Bayou Chapter

By: Oscar Pena, P.E.
Bayou Chapter President

On September 28, 1999, the Bayou Chapter monthly meeting had one of its largest turnouts. The guest speaker was Mr. Robert J. Prejean, Attorney at Law. His topic of discussion was "The Public Bid Laws" dealing primarily with contract specifications, advertising and contract administration.

On October 1, 1999, the Bayou Chapter held its Annual Golf Tournament at the Bayou Country Club in Thibodaux, Louisiana. It was a tremendous success in which all proceeds will be used to fund the Mathcounts Competition for local schools. Sixty-eight players enjoyed all of the good food, beverage and weather. The following is a list of the winners for the tournament:

First Place Low Gross

Wayne Jackson
Earl Parfait
Don McCarter
Mike A.

Second Place Low Gross

Fred Leffingwell
Mark Norman
Brad Naquin
Mitch Lebas

First Place Low Net

Rene Hebert
Clay Breaud
Dickie Lottinger
Brian Babin

Second Place Low Net

Bruce Pellegrin
Byron Landry
Kurt Cheramie
Marc Rogers

We also had a "longest drive" competition won by Fred Leffingwell and a "closest to the hole" competition won by Lee Cantagnos.

Our next monthly meeting will be October 26, 1999.

Lafayette Chapter

By: Chris Richard, P.E.
Lafayette Chapter President

The Lafayette Chapter took a summer hiatus from meetings, but the board took no vacation from planning. They've been busy at work planning numerous meetings for the coming year. Members who attended the June Tri-State Meeting in Sandestin had a busy agenda full of classes as well as fun, family-oriented activities. On July 16,

the chapter sponsored a seminar given by Jerry Lazenby, P.E., P.L.S., LAPELS Board Member, on Land Surveying for the Engineer. This timely presentation addressed the many concerns of all engineers, and the clients who use their services, regarding state law requirements as they relate to property and boundary surveys. The two-hour seminar addressed rights-of-way and servitudes in every-day applications. The seminar was very well attended, with more than 50 participants. The chapter is also busy planning the Joint Engineering Conference to be held in Lafayette on February 3 and 4, 2000. Seminars on various interesting topics will be presented as well as the LES Honors and Awards Banquet. And, of course, the Annual USL Tailgate Party is being planned and we anticipate a banner attendance. The chapter looks forward to an exciting and fulfilling year!

Monroe Chapter

By: James H. Henry, P.E.
Monroe Chapter President

We are currently compiling an e-mail directory of all Monroe Chapter Members, area Senators, Representatives and Legislative Committees. This will allow us to mobilize much faster for legislation and other LES actions that require fast responses.

Our monthly meeting was held October 14, 1999, at Louisiana Tech University. Our speaker was Dr. Les Guice, Ph.D. Dr. Guice is the Dean of the College of Engineering and Science. He discussed Engineering accomplishments and impacts on North Louisiana. November 4, 1999, Louisiana Tech Football hosts the University of Louisiana - Monroe. The Monroe Chapter will be there in full force to cheer for their favorite team. All members are invited to join us.

Due to numerous requests from area teachers, the Monroe Chapter will be conducting the local Mathcounts competition on a Friday in February 2000. Other Chapters that would like to provide us with their e-mail directories can send them to jhenry@denmon.com. We will gladly provide this information to other chapters at their request.

Our immediate Past-President, Stanton Huey, Jr., will be presented a plaque and gavel at this month's meeting, in appreciation of his efforts last year.

New Orleans Chapter

By: Frank P. Gallagher III, P.E., CIH
New Orleans Chapter President

Holiday greeting to all professional engineers and their families.

Our November and December programs should be very interesting and informative. Dr. Jack Grubs, USA BGen., Ret., the Chairmen of the Tulane University Department of Civil & Environmental Engineering, will be our 17 November 1999 evening speaker. Gen. Grubs formerly chaired the Civil & Environmental Engineering program at West Point and he is completing his first year at Tulane. He will be speaking to us about his experiences with the recent ABET Accreditation Team visit, his observations of engineering students and future directions for Engineering Education. Our Holiday program is early in the month, on the evening of 3 December 1999 at the Plimsol Club (Int. Trade Center). We have asked Col. Alfonso Davis, USMC, Ret. (New Orleans Public Schools CEO) to join us at this Holiday gathering, meet our members and speak to us on his initiated programs and visions for improvements to the school system. We await his response. New Orleans District Engineer Col. Tom Julich (US Army Corp of Engineers) will speak at our February 23, 2000, Engineers Week Banquet at the Univ. of New Orleans Student Center. We are encouraging the other area engineering societies to join us at the Holiday and Banquet meetings.

Looking back we realize that time is flying. There were over 800 volunteers from the general public involved in the Mayor's Rally for Public Schools, over 400 at Carter Woodson Middle School alone. Several LES members participated painting anything that didn't move. Tom Gardner's and Dr. Tim Ryan's presentations at our General Membership meetings in September and October were very successful and participation by our members has never been so high. We realize that securing speaker presentations that our board of direction could recognize as appropriate for the award of Professional Development Hours has helped reach these achievements. Our members are also realizing that the association with other fellow professionals is a satisfying experience. We, as the LES New Orleans Chapter Board of Direction, support the Continuous Professional Development

Continued on page 8

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Alexandria Chapter

By: Steven G. Gauthier, P.E.

Alexandria Chapter President

The September Luncheon meeting was held on the 15th at the Days Inn. Mathcounts and Scholarship Committee reports were given. The guest speaker was Mr. Steve Hiner with CRS Hydro Conduit. Mr. Hiner's one-hour presentation covered concrete pipe availability and design.

The annual MATHCOUNTS Benefit Golf Tournament was held on Friday, October 8. There were seven four-person teams entered in the tournament. The tournament was a success even though rain stopped play after only 14 holes. The winners were determined for nine holes. The tournament and sponsorships raised in excess of \$900.00 for MATHCOUNTS. Thank you to all of the sponsors and participants.

Baton Rouge Chapter

By: Tom Stephens, P.E., P.L.S.

Baton Rouge Chapter President

The 1999 program year is now in full swing. The Baton Rouge Chapter has held two monthly meetings to date and plans to hold both an October regular meeting and an LSU Student function this month. The November and December meetings will feature CPD programs.

The LSU Student function has been an annual event for the Chapter for the past decade. The meeting is usually held outside in the Engineering Building's courtyard. The event features a jambalaya dinner and a chance for LES to introduce ourselves to these future leaders. The food has always been great, the students have always been impressive and every once in a while the weather has been bearable. Since this year the planning efforts have been provided by Maury Chatellier and food will be prepared by Richard Savoie.

Mathcounts planning is proceeding at full speed. This year Darrell Jones and Buddy Porta are planning both Chapter and State meetings in Baton Rouge. Dates for the local meeting are being coordinated with other spring school functions and will be finalized shortly. This year, the State function will be held on a Thursday and

Friday. We expect these dates to be more suitable to the teachers and students as well as our volunteers.

The Baton Rouge Chapter will be holding our first formal CPD programs this fall. CPD is being phased into the Louisiana engineering community. So far, CPD is required for the fraction of members who have renewed their registration since January, 1999. We plan to experiment with our program this year to find the time, settings and topics that appeal to our members.

Greg Sepeda is working on plans for Engineers Week 2000. So far, we have established the date and location. We plan to feature dinner and dance again this year (Cheers from the spouse section). This year we will provide a venue for the engineering community to present scholarships and awards to students and schools. We intend for this event to be a community wide, rather than an LES event and we are quite pleased to see that many of the local technical societies have already expressed interest in participating.

Calendar of Events

November

4

Executive Committee Meeting - Baton Rouge

December

10

LES Statewide Board of Direction Meeting & Honors & Awards Selection Committee - Baton Rouge, LA

January

15

Deadline for copy, Louisiana Journal, February issue

27-30

NSPE Winter Meeting - Arlington, Virginia

February

3-4

LES Statewide Honors & Awards Spring Meeting & 4th Joint Engineering Societies Conference - Lafayette, LA

June

7-10

LES Annual Meeting - Dallas, Texas

PRESIDENTIAL PRIVILEGE

By: Theodore H. Thompson, P.E.

Two of the Louisiana Engineering Societies' goals in our mission statement are "Public awareness activities" and "Services to the public and profession." As a profession we are conservative in our problem solving process and therefore more reluctant to advertise, promote, or praise our profession. What methods shall we use to achieve these goals? Our Public Relations Committee is working on improving our performance in these areas, by use of articles in newspapers, newsletters and our web page. We will improve our public awareness activities.

However, one group we are lacking in making a formidable impression with is our state legislature. We are unable to match other professions in getting large numbers of members to contact legislators, or respond quickly to legislative issues. It will take an effort from many of you, the registered engineers of Louisiana to make a difference. To fulfill our goals, LES should become more visible. I believe one way to do this is to take a stand on legislative issues. Not just those sponsored by our society; but, many others which affect our daily life, our businesses, our clients' well being, or our freedoms.

The preamble to the Constitution of the Louisiana Engineering Society states: "The Louisiana Engineering Society; recognizing service to the public, to the state, and to the profession is a fundamental obligation of the professional engineer; does hereby dedicate itself to the promotion and protection of the profession of engineering as a social and economic influence vital to the welfare of all mankind."

LES and our profession enjoy an excellent reputation; but, is anyone listening? If the LES Board of Direction takes a stand on issues we will become more visible and we will be listened to. This is a method we can use in the promotion and protection of the profession and have a "social and economic influence." If we continue to take no position on issues we cannot move forward in being recognized as a political force or a community leader. I look at other representative organizations and they take a stand on issues. We may not always agree, but a stand does promote communication and makes an organization

visible to the public eye and to area legislators. Even the local chamber of commerce takes a stand on local issues. Their position on an issue does not diminish the work they do for all of their members, just because they take a position for or against one or more member's political stance.

You may not agree with decisions of our Board, I don't expect everyone to agree with every one of our recommendations; but, please consider any recommendations for or against an issue, which the Board may make, while you are deciding how to cast your vote. Get involved in your community and state issues. Get out and vote. I know by the time you read this issue of the LE, the current elections will be over, but for next time, look closely at all the issues, they may affect YOU.

Let your chapter officers know if you want LES and NSPE to take a stand on issues. Tell them if you want LES to become more visible and more of a political force with national, state, and local government bodies. If you disagree with this direction let your officers know that also. It is only through your participation that we can achieve our goals in improving our profession and organization.

I trust a group of people to reach a better solution to a problem than one individual; although, legislative bodies push this theory to its limit each session. The group process, though, is not a speedy process. Committee and board actions seem to move as slowly as proverbial molasses in winter. Recently at our Board of Direction meeting we had a motion pertaining to one of the State Constitutional Amendments. Some members of the Board were reluctant to take up the issue without having input from our membership. I fully appreciate their position and commend them for staying with their convictions on how they will decide issues affecting the society. The election was less than a month away and we would have been unable to gather input, have another meeting and publicize a recommendation before the election. This time our action was no action.

In all fairness to the board members, I had not provided information of the upcoming motion, nor given notice that I



Theodore H. Thompson, P.E.
President
Louisiana Engineering Society

thought the society should take a more proactive approach to legislative issues.

We make wiser decisions as a group, but on some occasions we do not have the time to consult our members. Should we take no action on your behalf? I am of the opinion you would allow us to make these decisions to further the advancement of our profession. Please go to your chapter meetings, contact your local officers and get involved in the organization. Let them know if you want LES to become more politically active. I understand work, family and community activities take much of your time, and I thank you for any amount of support you can give.

Many of you may disagree on the direction I am taking, but as Dwight D. Eisenhower once said: "Without exhaustive debate, even heated debate of ideas and programs, free government would weaken and wither. But if we allow ourselves to be persuaded that every individual or party that takes issue with our own convictions is necessarily wicked or treasonous, indeed, we are approaching the end of freedom's road." I feel that through political activity, in addition to LES's other programs, LES can promote the profession, be of public service, and have more social and economic influence for the welfare of our citizens. I solicit your comments.

With the end of this century and the holidays drawing near, I extend to all of you my thanks for your work in our profession and I wish you all joyous and happy holidays and a happy New Year. May you and your families have good health, good fortune and happiness in the coming year.





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

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

Louisiana Engineer & Surveyor Journal

November 1999

Vol. 2 No. 2

Inside this issue:

1999-2000 Roster

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1999-2000 CEC/L Board of Governors

Presenting the CEC/L Board
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millennium.
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New Board Members

Governor Foster appoints
two new board members to
the Louisiana Professional
Engineering and Land
Surveying Board.
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Annual Awards Nominations

Mel Harrison, LSPS Past
President, made the official
"Call For Nominations" at
the October 15th LSPS Board
meeting.
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The current Louisiana Professional Engineering & Land Surveying Board

Left-to-right, standing: Bijan Sharafkhani, P.E., Frank L. Messinger, III, P.L.S., Bob J. Green, P.E., Allison J.P. Launey, P.E., William H. Miller, P.E., P.L.S., Morgan M. Watson, P.E., Charles G. Coyle, P.E., P.L.S., H. Glen Kent, Jr., P.L.S. Sitting: Bobby E. Price, P.E., Lawrence Mann, Jr., P.E., Merlin A. Pistorius, P.E., P.L.S., Jerry G. Lazenby, P.E., P.L.S.



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E-MAIL: _____ Fax Phone: _____

Date of Birth: _____ Social Security Number: _____ Member ACSM: _____

Education: _____ Surveying Experience _____
 SCHOOL DATE GRADUATED DEGREE # 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)
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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:

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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

LOUISIANA SOCIETY
OF
PROFESSIONAL SURVEYORS

1999-2000
MEMBER BENEFITS

▲ **LSPS** is an approved sponsor by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors to hold seminars for the surveying profession.

▲ **39th Annual Convention** will be hosted by LSPS District 1 in the Spring of 2000—all *bayous lead to New Orleans, LA*—see you there MAY 8-11, 2000!

▲ **L'Arpenteur Louisiane** is the LSPS section of the joint newsletter the *Louisiana Engineer & Surveyor Journal* which is published quarterly—issues sent in February, May, August & November!

▲ LSPS is an affiliate of the American Congress on Surveying and Mapping, and the National Society of Professional Surveyors.

▲ Legislative Review—LSPS has a standing Legislative Committee to review legislation that may affect the surveying profession.

▲ The LSPS Liaison Committee communicates with the Louisiana State Board of Registration for Professional Engineers and Land Surveyors.

▲ Fellowship with other surveyors.



MORE LSPS MEMBER BENEFITS

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Louisiana Society of Professional Surveyors
9643 Brookline Avenue, Suite 108
Baton Rouge, Louisiana 70809
Phone: 225-925-5800
Fax: 225-925-5802
E-mail: lsps@lsps.net
Website: www.lsps.net

1999-2000
LSPS
BOARD OF DIRECTORS

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Why Have a Code of Ethics?

By: Ray Connin

The point is often made that a person with high ethics does not need a written code of ethics. In fact, those who practice the profession with high standards of conduct do not need outside guidelines. A profession's internal standards are probably higher than any society's published regulations. On the other hand, the scourge of the industry would disregard all published standards or rules.

So why do professional societies expend time and resources to produce and publish a code of ethics or a set of canons? The codes and canons are endorsements of standards practiced by their members, and they reflect the daily conduct of their membership. In effect a code of ethics is not some lofty goal to strive for but a summary of how business is actually practiced.

A few skeptics say ethical standards interfere with business. This is not the case. Maximizing both profits and ethics should be among the primary goals of any business. Even government agencies, which may not have to worry about profits, are concerned with maximizing both resources and services and produce codes of ethics.

When maximizing profits, care must be taken to ensure that neither quality nor ethical standards are compromised. If the right attitude is presented, the bottom line can increase while preserving or even increasing quality and encouraging ethical behavior. The positive attitude must come from the top and must be a priority in all matters of the company. Each employee should have an investment in the result and should be dedicated to improving all services.

This does not mean that all employees must be partial owners of the firm, but they must have the firm's interest at heart. One of the simplest means of increasing employee support is to build an esprit de corps. The management should ensure that all employees feel that they and their efforts are important to the firm.

Can a surveying firm maximize profits while maintaining high ethical standards? It is possible—and this operating procedure would yield

immediate and long-term benefits for both the firm and the profession. As the public recognizes a firm's quality and professionalism, the demand for its services will increase.

Over the past few years, the NSPS Ethics Committee has developed the *Surveyors Creed and Canons*. This document should be more than a wall hanging at the office. By following its ideals, a professional surveyor should be able to maximize profits and ensure ethical conduct.

Canon 1 - A professional surveyor should refrain from conduct that is detrimental to the public.

Every professional surveyor recognizes that a license is a trust from the public and therefore has a duty to meet technical and ethical standards. As such, the surveyor is bound to behave in a manner that will be in the public's interest. In fact it has been proposed that surveyors have a duty to the public and should actively look for opportunities to provide pro bono services.

Canon 2 - A professional surveyor should abide by the rules and regulations pertaining to the practice of surveying within the licensing jurisdiction.

The surveyor should be expert in applying laws that affect the practice and the profession. The public will look to the surveyor for information and interpretation of rules and regulations. It is the surveyor's responsibility to adhere to the rules of the licensing jurisdiction.

Canon 3 - A professional surveyor should accept assignments only within his or her area of professional competence and expertise.

All too often, someone says that the surveyor is an expert in all facets of the profession. We must recognize that the varied scope of the surveying professional precludes any single individual from knowing it all. Each practicing professional should acknowledge the area of practice in which he or she excels. By concentrating on that area, the surveyor can maximize returns.

Canon 4 - A professional surveyor should develop and communicate a professional analysis and opinion without bias or personal interest.

A professional surveyor's opinion is his or her primary product, and the public should have a reasonable expectation of being able to rely on it. If an opinion is to have any credibility, the surveyor must not allow personal interest or bias to cloud his or her judgment.

Canon 5 - A professional surveyor should maintain the confidential nature of the surveyor-client relationship.

The law does not create a confidential relationship between surveyor and client; however, the surveyor still has the duty to recognize that frequently he or she is brought into a project during its sensitive stages. The surveyor must respect the confidential nature of the project while recognizing the bona fide rights of all land owners and occupants.

Canon 6 - A professional surveyor should use care to avoid advertising or solicitations that are misleading or otherwise contrary to the public's interest.

The duty of any professional is to provide the public with enough information to make an informed choice. Advertising is a means of presenting this information. Surveyors should also actively seek opportunities to disseminate information that presents a positive image of the profession to the public.

Canon 7 - A professional surveyor should maintain professional integrity when dealing with members of other professions.

The surveyor should strive to enhance the profession through interaction with other professionals and professions. The respect that surveying professionals receive is directly proportional to the respect and consideration they give.

Reprinted from:
ACSM Bulletin, No. 148
March/April 1994

Does LSPS District Meeting Attendance count toward CPD requirements?

By: Wayne A. Hebert

This question has come up infrequent of late at LSPS state board meetings. With the adoption and promulgation of rules by the State Board of Registration, Registered Professional Land Surveyors have attended and asked if their participation in a District Meeting counts toward the requirements of CPD.

A review of the certain rules stated in L.A.C., Title 46 Part LXI, Chapter 20, are as follows:

Sections 2003.

Definitions: states "Board-Approved Sponsor/Provider - the Louisiana Engineering Society; the Louisiana Society of Professional Surveyors; professional and technical engineering or land surveying societies; federal, state or local government agencies; colleges or universities; and any individual, firm, corporation or educational institution approved by the board on a case-by-case basis. . ."

Sections 2013

B. 2. states: "Membership in engineering and land surveying professional associations or technical societies = one PDH per biennial registration renewal period for each professional or technical association or society. A maximum of three PDHs will be allowed per biennial registration renewal period . . ."

The Board of LSPS has decided that approval should be obtained prior to the District CPD Event by one of the following methods:

1. The District Chairman will submit information about the District CPD Event (including, Speaker Name, Speaker Resume, Topic of Event, Date, Time, and Location) to the Board of LSPS.
2. The District Chairman will submit information about the District CPD Event (including, Speaker Name, Speaker Resume, Topic of Event, Date, Time, and Location.) to the Seminar/Planning Chairman of the Board of LSPS, when the Date, Time of the event is prior to the next LSPS Board meeting.
3. The District Chairman will submit information about the District CPD Event (including, Speaker Name, Speaker Resume, Topic of Event, Date, Time, and Location) to one of the Executive Committee (President, Vice President, Secretary Treasurer, Past President, NSPS Governor) members of the LSPS Board.

These methods adopted by the Board of LSPS are in no ways meant to limit the CPD events of the various districts. The board highly desires that CPD events will be held at the District Level.

These reporting methods are in place merely to insure appropriate courses, proper record, and recognition of the CPD Events. The provisions of **Sections 2003 Definitions Paragraph - "Board -Approved Sponsor/Provider"** concludes with "All sponsors/providers must conduct courses which will enhance and . . . Failure to do so will be grounds for the board (State Board of Registration) to revoke its sponsorship/provider approval."

POSITIONING THE LAND SURVEY FIRM FOR THE 21ST CENTURY

Guest Speaker: Milton E. Denny, PLS

LSPS presents:

1999 Fall Technical Session ♦ September 15, 1999
8 PDHs for this course

Surveying in the 21st century will be very different then in the past. The surveyor should start to prepare for the future, including business training.

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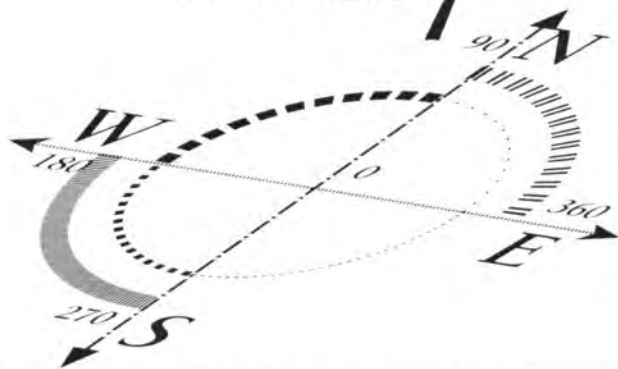


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1999-2000 Financial Budget

Mike Mayeux submitted a proposed 1999-2000 Financial Budget Report. The Board reviewed the budget by line item. After reviewing, changes were made to the payroll taxes, seminars, and a new category under expense was added for "President Travel". Mel Harrison made a motion to accept the 1999-2000 Financial Budget Report as amended, second by John Mattingly—motion passed.

OLD BUSINESS

NGS Advisor

President Ballard reported that the National Wetlands Research Center in Lafayette, which is part of USGS, is interested in contributing to keeping the NGS Advisor Program here in Louisiana. They have a meeting scheduled next week with several federal & state agencies. He will continue to follow-up on this matter.

NEW BUSINESS

2001 Convention

President Ballard reported that after verifying the rotation schedule the site for the 2001 Convention should be in Baton Rouge. District 6 will be discussing this at their next meeting and will report back at the next LSPS Board meeting.

Website

The Executive Committee voted to approve the purchase of the domain name lsps.net and to change our e-mail address to lsps@lsps.net. Wayne and Debra worked together to have the service changed. The new information is now activated and all printed forms for LSPS are being updated. ■

*Welcome
New LSPS Members*

Michael David Bernard

Lawrence G. Bodet

Dennis Gowin

Raymond C. Impastato

Frank Nicoladis

Charles M. Camp

Brian Kendrick

Allen R. Woodard

J.D. Lormand

Carl F. Grant

John M. Bankston, Sr.

LSPS Board Meeting Summary

The LSPS Board of Directors met at the Louisiana Engineering Center, 9643 Brookline Avenue, Baton Rouge, LA, on June 4, 1999. John Mattingly presented the Minutes from the May 5, 1999, Board meeting. The Minutes were not read aloud. Ernie Gammon made a motion to accept the Minutes as submitted, second by Mel Harrison—Minutes were approved.

PRESIDENT'S REPORT

President Ballard encouraged the District Chairmen and Committee Chairmen to work hard on matters that come before us this year. He would like to see all districts have active participation at their meetings.

A written report was submitted listing the Committee Chairmen for 1999-2000 as follows: Seminar Planning, Mike Mayeux; Liaison, Ernie Gammon; Legislative, Steve Estopinal; Trig-Star, TBA; Newsletter, John Mattingly; Combined Newsletter, Wayne Hebert & Ernie Gammon; Education, Wayne Hebert; Membership, TBA; Survey Control - Local Level, Tony Cavell; Survey Control - State Level, Ernie Gammon & Walt Ballard; Promotion of Survey Profession, Chad Morris; Certified Survey Technician, Tommy Semmes. President Ballard advised that special attention items include "Seminar Planning", "Survey Control", "Promotion of our Profession", and "Certified Survey Technician Program".

DISTRICT REPORTS

Discussion took place regarding continuing education credit for presentations at district meetings. President Ballard advised that districts would need to obtain biographical information on the speaker and information on the topic to be discussed. This information should be submitted, along with the number of PDH's requested, to the Seminar Planning Chairman, Mike Mayeux. Depending on the timing of the request, it can also be submitted at the LSPS Board meetings or to the LSPS Executive Board for approval. The districts can prepare certificates for proof of attendance. The list of participants must be submitted to the LSPS office.

COMMITTEE REPORTS

1999 Convention

Johnny Robichaux presented a financial report on the 38th Annual Convention as of 5-28-99. As of this report the net proceeds for the convention are \$11,190.06. A final report will be submitted at the next meeting. Johnny recognized Charlie McDonald Land Surveying firm for contributing the refreshments at the seafood boil. He thanked everyone for coming to Houma. President Ballard congratulated & thanked District 2 for hosting a very successful convention.

Map & Plat

John Jordan will continue as Chairman of this committee. John advised that he plans to have a separate mailing to the membership to promote the Map & Plat Contest this year.

Promotion of Survey Profession

Chad Morris encouraged districts to contact High Schools in their area to participate in Career Day activities. A suggestion was made to look into purchasing a display board for presentations.

Seminar Planning

Mike Mayeux submitted a written report. District 5 (Monroe) will be hosting a seminar July 24th on "Geodesy Basics", by Dr.

James P. Reilly. The Fall Technical Session is scheduled for September 15th in Baton Rouge. The topic is "Positioning The Land Surveying Firm for the 21st Century", by Milton Denny.

Mike has proposed that Districts 4, 5, or 8 plan seminars in North Louisiana for November of 1999, February of 2000, and November of 2000. Districts 1, 3, 7 or 9 would plan seminars in South Louisiana for November of 1999, February of 2000, and November of 2000. The Fall Technical Session would be scheduled in September of 2000, in Baton Rouge. President Ballard emphasized that the topics, speakers, locations & dates need to be set so that we can prepare a brochure of technical sessions for the upcoming year. He would like to send this brochure out to all registrants. Although District 2 was not listed on the schedule, they may host a seminar. Mike supplied the districts with a list of possible topics for seminars.

Discussion took place regarding pre-registration for seminars. Chad Morris made a motion to have a pre-registration deadline of 10 days prior to the seminar with a notation that seating is limited, registration via fax will be accepted for credit card payments or checks must be received prior to the deadline, and that registration will be accepted after the deadline only if space is available & an additional \$50 fee will be charged. Mel Harrison gave a second to the motion—motion approved.

Walt Ballard made a motion for District 6 to host the 1999 Fall Technical session, thereby receiving the 25% of proceeds, second by Ed Clinton—motion approved.

Survey Control-Local Level

President Ballard advised that this committee has been established to address the matter of having permanent survey control marks reset. He advised that the Federal Agencies who traditionally set survey control marks were not resetting them. Many of the marks are being destroyed each year. DOTD has agreed to reset marks in areas where they may be working, but this is just a fraction of the marks that are getting destroyed. He believes that the responsibility of setting new marks will fall at the state and local levels. He & Ernie Gammon will continue to work with DOTD on their efforts to reset permanent marks. Tony Cavell will chair this committee and try to improve setting of marks on the local level.

Certified Survey Technician

President Ballard advised that Tommy Semmes, a member of District 5, will be the chairman for the committee. Tommy had forwarded a written report which included the request that each district forward the name and address of their District Committee Member for the Certified Survey Technician Program to him within two weeks. He is suggesting that personal contacts from Committee Members be made to prospective survey technicians in their districts; that work shops be scheduled; that we investigate what other states are doing with regards to this program; that a list of reading and study material be prepared for prospective survey technicians; and that a statewide drive in recruiting survey technicians be organized.

NSPS GOVERNOR

Brief discussion on ACSM/NSPS combining memberships with the state societies. Ernie Gammon mentioned that the LSPS Board should communicate their thoughts on this to Jack Stelly, as Mr. Stelly may have to vote on this matter at some point.

SECRETARY-TREASURER/FINANCE COMMITTEE

John Mattingly presented Income Statements from 7-1-98 to 4-30-99. Wayne Hebert made a motion to accept the Income Statements as presented, second by Ed Clinton—motion passed.

then scroll down near the bottom to item 98-10 - "Report of the Task Force on the NCEES Model Law for Surveying". It appears to me that implementation of this Model Law would add even more demand for a four year surveying and mapping program. One thing appears certain, our society must be the motivating and sustaining force for such a program. And I believe now is the time to start.

Whether we have a shortage of new applicants or not, we should be working to attract high school students to the profession. I repeat, whether we have a shortage of new applicants or not, we should be working to attract high school students to the profession. Whether we continue with the current registration rules of the Board, modify these rules, or initiate a four year surveying degree program, we must be working to attract high school students to the profession. The Trig-Star program is an excellent way to meet school math teachers

'Goddess, Mother of the World'

How the Height of Mt. Everest Was Discovered

By Jon Krakauer

The actual particulars of the event are unclear, obscured by myth. But the year was 1852, during the British Army's great Trigonometrical Survey of India in the northern hill station of Dehra Dun. According to the most plausible version of what transpired, a clerk rushed into the chambers of Sir Andrew Waugh, India's Surveyor General, and exclaimed that a Bengali computer named Radhanath Sikhdar, working out the survey's Calcutta bureau, had "discovered the highest mountain in the world." (In Waugh's day a "computer" was a job description, not a machine.) Designated "Peak XV" by surveyors in the field, who'd first measured the angle of its rise with a twenty-four-inch theodolite three years earlier, the mountain in question jutted from the spine of the Himalayas in the forbidden kingdom of Nepal.

Until Sikhdar compiled the survey data and did the math, nobody had suspected that there was anything noteworthy about Peak XV. The six survey sites from which the summit had been triangulated were all in northern India, more than a hundred miles from the mountain. To the surveyors who shot it all but the summit of Peak XV was obscured by various high escarpments in the foreground, several of which gave the illusion of being much greater in height. But according to Sikhdar's meticulous trigonometric reckoning (which took into account such factors as curvature of the earth, atmospheric refraction, and plumb-line deflection) Peak XV stood 29,002 feet above sea level, the planet's loftiest point.

Modern surveys using lasers and state-of-the-art satellite transmissions have revised this measurement upward a mere 26 feet to the currently accepted altitude of 29,028 feet, or 8,848 meters.

In 1865, nine years after Sikhdar's computations had been confirmed, Waugh bestowed the name Mount Everest on Peak XV, in honor of Sir George Everest, his predecessor as Surveyor General of India. Tibetans who lived to the north of the great mountain already had a more mellifluous name for it, Jomolungma, which translates to "Goddess, Mother of the World" and Nepalis who resided to the south called the peak Sagarmatha, "Goddess of the Sky". But Waugh pointedly chose to ignore these native appellations (as well as official policy encouraged the retention of local or ancient names) and "Everest" was the name that stuck.

Mountaineer Jon Krakauer survived a climbing disaster on Mt. Everest, and wrote a book about it in 1997, *Into Thin Air*, from which this is excerpted. ■

Reprinted from *The Maryland Surveyor* November 1998 Volume 26, Number 1

and connect with potential recruits. Some of you attend your local high school career days annually to educate students about surveying and the surveying profession. Another idea is to invite high school classes to your office, and to hire students for summer help. I am proud to report that this year we have begun an organized effort to attract students to the profession. In addition to emphasizing the need for better promotion, our new Promotion of the Surveying Profession Committee, chaired by Chad Morris, will be providing materials and innovative ideas to help us with our presentations and encounters with students.

I am proud of our profession, and I am excited about new opportunities that lay ahead for us; however, no one is going to promote our profession except us. Let's spread the word. ■



CELEBRATE MARDI GRAS

Imagine meeting old friends, enjoying Mardi Gras, and earning CPD requirements for Professional Registration in a millennium year that

has "all bayous leading to New Orleans". The scheduled dates for the **LSPS Convention** in 2000 have been changed to **Wednesday, March 8 through Saturday, March 11**. The location of this annual event will be at the **New Orleans Airport Hilton** located on **901 Airline Highway, Kenner, Louisiana**.

The room rate will be \$110/night, single or double occupation. For the adventurous, early revelers the Hilton extends to the LSPS membership, (subject to availability) the opportunity to reserve rooms a couple of days in advance of the convention to attend the parades in the area on Lundi Gras and Mardi Gras on March 6-7, 2000. District 1 looks forward to making a millennium event for our Association. We invite you to plan ahead and make your reservations early as this opportunity will most certainly not only be truly historic, but **UNIQUE**. Contact the **New Orleans Airport Hilton** at **504-469-5000 (or 1-800-872-5914)** today to make your reservations while space is still available.

Some of the special features you can expect: Outdoor Lighted Tennis Courts, Swimming Pool, Fitness and Health Club, Putting Green, Business Center, and some of the finest in-room conveniences the New Orleans Area has to offer. Within 15 miles of our Host Hotel, you will find the following points of interests: Destrahan Plantation; Treasure Chest Casino; The French Quarter; The Superdome; Audubon Zoological Garden; Aquarium of the Americas; the Riverwalk Shopping Center, and Riverboat Cruises.

Remember to check the **NEW LSPS WEB SITE** at **www.lsp.net** for all the latest news. ■

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

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
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E-mail: lsp@lsp.net • Website: lsp.net

President's Message

By: J. Walter Ballard, PLS



It is truly an honor to have the opportunity to serve you as President of our society. I pledge hard work and to give of my time to effectively further the goals of our organization. This year's Board of Directors is composed of an outstanding group of individuals committed to doing the work of our society. Realistically though, the effectiveness of this year will be measured by the efforts of many.

Whether officers, district chairmen, committee chairmen, or members of this society, we all have a role to play in improving our profession. I or someone may soon be asking you to give of your time to visit a school for Trig-Star or career day, to serve on a committee, to help with a convention or seminar, or to give a presentation at a survey technician training program. As you know there are numerous opportunities for service in LSPS. I ask you to be receptive when asked to help, and if no one asks consider letting your district chairman know that you are available to assist.

A big thank you goes out to Johnny Robichaux and the members of District 2 for all their work in making our 38th Annual Meeting a most memorable one. District 2 is known throughout the state for their conventions, and they certainly lived up to their reputation this year. The technical sessions, food, and fellowship were all first class. This was also the most well attended annual event with 149 registrants. I also wish to thank all the exhibitors for the significant role they play each year in making our conventions happen. I ask you when in need of equipment or supplies to support the companies that support LSPS. Tell you what, let's do it again next year in New Orleans.

I begin this year with enthusiastic expectations of genuine progress in four areas 1) promotion of our profession; 2) educational opportunities for surveying students; 3) promotion of the *Certified Survey Technician Program*; and 4) institution of programs that will encourage the establishment of *Permanent Survey Control*. In this issue I will give my thoughts on what I believe are the two most important issues currently facing the surveying profession in Louisiana—promotion of our profession and educational opportunities.

Most of you know that with the implementation of a baccalaureate degree requirement including 30 hours of approved land surveying, mapping, and real property courses as a pre-requisite for taking the land surveying examinations, we have recently seen a significant drop in the number of new applicants. I do not see a quick fix to this situation; however,

I do think we can learn from the experiences of others who have gone through this process and faced similar challenges. I also believe the ultimate solution to be 1) better promotion of our profession; 2) the establishment of a four year surveying (or geomatics) degree program in Louisiana; and 3) allowing market forces to increase the demand for surveyors.

You may be wondering how Louisiana universities, who currently struggle to attract enough students to continue their existing surveying courses, could even think of implementing a four year surveying program. Good question. Well the average number of new land surveying licensees for the years 1989-1998 is 24. If you divide that number by 5 (the number of Louisiana colleges offering Board approved land surveying courses) you have approximately 5 students per program. This number is much less than the magic number of 15, which I am told is needed to sustain a university program. However, if all 24 students attended the same university there would be more than enough to maintain the program. The University of Florida, for example, has an impressive Geomatics Program offering Bachelor of Science, Master of Science, and Doctor of Philosophy degrees in Geomatics. About 20-25 students graduate with a Geomatics degree each year. This program has integrated photogrammetry and geographic information systems into its surveying and mapping curriculum—www.surv.ufl.edu:443/index.html. Starting salaries for the graduates of this program compete with and many times surpass starting salaries for graduate civil engineers. The Florida Surveying and Mapping Society was instrumental in initiating the program in 1973 and has continued to be a major supporting force. Georgia also has a four year survey program as well as Alabama.

The Task Force on the NCEES Model Law for Surveying is recommending that state licensing/registration board's authority be broadened to begin licensing both photogrammetrists and GIS specialists. The Florida and South Carolina licensing Boards have already begun this process. The Model Law is a guide that state licensing boards may adopt or use to draft their own laws or rules. The Model Law provides the means by which all states may have similar licensing rules. The Model Law is scheduled to be voted on in August at the NSPS national meeting.

Under the proposed Model Law individuals or companies practicing GIS, remote sensing, hydrographic surveying, geodetic surveying, and photogrammetry would be licensed and regulated by their respective state licensing board. The Task Force, composed of representatives of American Congress on Surveying and Mapping (ACSM), American Society of Civil Engineers - Geomatics Division (ASCE), American Society of Photogrammetry and Remote Sensing (ASPRS), Management Association for Private Photogrammetric Surveyors (MAPPS), and National Society of Professional Surveyors (NSPS) recommends that the educational requirements for entry to the profession be a four year degree in surveying and mapping, or a related field of study. You can view the proposed Model Law at www.asprs.org. At this site choose "News and External Affairs", choose "External Affairs"



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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 Couste', 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 Randall 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

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
GONZALES, 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 Govindal 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 Brain Rettig
PLYMOUTH, IN
Dennis Wade Summerford
FAIRHOPE, AL
Bruce James Marek
WILMINGTON, NC
Robert Herman Midkiff, Jr.
STATE RD, NC
Johnnie C.P. 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
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.
BILLOXI, 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
ONTARIO, 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 Sumrell
ATLANTA, 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 Bibaeff, 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
GRETNA, LA
James Allan Melancon, Jr.
KENNER, LA
MD Golam Sarwar
KENNER, LA
Michael Rhys Clark
GAINESVILLE, 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

PROFESSIONAL LAND SURVEYORS

John Conner Powers
RUSTON, LA
Jonathan Mark Williams
BATON ROUGE, LA
Dale Virgil Traylor
JACKSONVILLE, FL
Dennis Leslie Gowin
METAIRIE, LA
John Drew Laughlin
EUNICE, LA
Jules Albert Toups, Jr.
RACELAND, LA
Galen Francis Bollinger
HOUMA, LA

LAND SURVEYOR INTERNS

Ryan James Fuselier
EUNICE, LA
Donald Scott Phillips
MADISON, MS
Robert Alan Price
BATON ROUGE, LA
Mickey Lee Robertson
BATON ROUGE, LA
Deric James Murphy
BATON ROUGE, LA

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

EXAMINATION SCHEDULE

Examination Type	Examination Date	Application Date
Principles & Practice of Engineering (8 hr):		
Civil (including Structural and Sanitary), Chemical, Electrical, Environmental, and Mechanical (offered twice each year)	10/29/1999	08/02/1999
	04/14/2000	01/17/2000
	10/27/2000	07/31/2000
Agricultural, Control Systems, Industrial, Metallurgical, Mining, Nuclear and Petroleum (offered once each year)	10/29/1999	08/02/1999
	10/27/2000	07/31/2000
	10/26/2001	07/30/2001
Principles & Practice of Land Surveying (6 hr)		
	04/14/2000	10/18/1999
	10/27/2000	05/01/2000
	04/20/2001	10/23/2000
LA Laws & Procedures of Land Surveying (2 hr)		
	04/14/2000	10/18/1999
	10/27/2000	05/01/2000
	04/20/2001	10/23/2000
Fundamentals of Land Surveying (8 hr)		
	04/15/2000	10/18/1999
	10/28/2000	05/01/2000
	4/21/2001	10/23/2000
Fundamentals of Engineering (8 hr)		
	10/30/1999	08/02/1999
	04/15/2000	01/17/2000
	10/28/2000	07/31/2000

Applications should be received by the Board not later than the date indicated (Application Date) in order to be considered for the respective examination. Note that the approximate interval between Application Dates and Examination Dates is 180 days for land surveying examinations and 90 days for engineering examinations.

The Board may schedule an applicant for an examination later than the examination requested by the applicant and cannot guarantee that the applicant will be scheduled for the examination initially requested.

An oral examination may be scheduled for Professional Land Surveyor applicants prior to any required written examinations.

An examination may not be required if you are applying for reciprocity registration.



Speaking of Bio-Process Engineering

By Jorge M. Ferrer, P.E.

There is no question that in the last 15-20 years we have seen a tremendous increase on the vital role of bioengineering in improving human health. Today, we are aware of such terms and innovations as genetically engineered/developed foods and drugs, molecular bioengineering that develops novel methods for producing proteins and engineering their properties, organ transplant management, medical imaging improvements due to solid state-state x-ray detectors and three dimensional ultrasonic scanners, and bioengineered skin grafts.

A review of the most recent literature available of accredited engineering programs in the biotechnology area shows a total of thirty-six such programs under the following names: Bio-Engineering, Biomedical Engineering, Biological Systems Engineering, and Bio-Resources Engineering. These programs are unique due to the emphasis in the biological sciences. They are also closely related to traditional engineering disciplines. In fact, it can be said that these programs have created a working interface between the different disciplines of engineering and medicine.

Graduates of these programs go to work in industries and companies that traditionally have a very low professional engineering

licensure rate. As with Computer and Environmental Engineering in recent years, the time has arrived for creating and offering an exam under the discipline of Bio-Process Engineering. The exam for this new discipline is seen as the best and most practical way to group these biotechnology area professionals.

The term "bio" will identify these activities in a very specific way while, as you all know, any engineering task can easily be described as a process. Persons who practice Bio-Process Engineering will have the opportunity of becoming Professional Engineers in a discipline that properly addresses their professional goals. A Bio-Process Engineer exam will stop the proliferation of sub-disciplines in the biotechnology camp. An additional benefit is the fact that Member Boards will increase their rosters with licensees in a growth-oriented discipline.

I am confident that the Member Boards and the NCEES will fully evaluate the concept of a Bio-Process Engineering discipline in the very near future. The results could make the licensure process more relevant to the everyday needs of the engineering community.

Jorge Ferrer has been a member of the Louisiana Board since 1994.



Board Enforcement and Disciplinary Action

by Benjamin S. Harrison
Director of Enforcement

Between the period of July 1, 1998 and June 30, 1999 the enforcement section of the Board performed investigative work on 261 cases. The cases investigated related to a multitude of violations, but the most frequent violations addressed were unlicensed offer and/or practice by firms and individuals, Minimum Standards for Property Boundary Surveys, plan stamping and sealing, negligence or incompetence and disciplinary action in another state. The above types of violations accounted for 96% of the total cases investigated. A number of the above matters resulted in the institution of formal or informal disciplinary actions some of which are still pending. Those for which disciplinary action was completed between January and June 99 are reported below.

Professional Conduct

against him for alleged sealing of work that was incomplete and did not conform to the standard of care expected of professional engineers. The P.E. participated in an informal conference with the reviewing Board Member, Board Staff and Board Attorney which resulted in the Board sending him a letter of warning rather than preferring charges.

Misrepresentation and sealing of plans which were inaccurate and not in conformance with rules, laws or directives. Use of facsimile signature.

sented as an "as built" drawing when the work depicted on the drawing was still incomplete. The drawing was also signed using a facsimile signature of Mr. Murphy on plan sheets bearing the title of a firm which was not registered with the Board. Mr. Murphy was fined \$2,500.00 with \$2,000.00 of the fine being suspended based upon completion of the Board's Laws and Rules Examination and the Basic Ethics Course at Texas Tech University by correspondence.

Unlicensed Offer of Engineering

containing the word engineering in it. The design of the addition was not considered to be the practice of engineering but utilization of the firm title containing the word engineering was considered an offer to provide engineering services. The person was

A. P.E. registrant of Louisiana was notified of the potential for charges to be preferred

Mr. Edward J. Murphy, P.E., P.L.S. agreed to a Consent Order to resolve allegations that he sealed a drawing submitted to the Environmental Services Commission of St. Tammany Parish which was misrepresented

An unlicensed person designed plans for an addition to a small building. The person also used a firm name

issued a Cease and Desist Order and fined \$1,000.00 which was suspended contingent upon no further offers to provide engineering services by use of the word engineering in a firm name.

Unlicensed Practice of Engineering and Use of Unauthorized firm seal

Baheth did not attend the hearing. As a result of evidence and testimony presented at the hearing the Board found Mr. Baheth guilty of violating Louisiana Law by practicing engineering in Louisiana without benefit of professional licensure. Mr. Baheth was fined \$6,000.00. M. A. Baheth and Company, Inc. was found to be guilty of the use of an unauthorized firm seal and its registration with the Board was revoked.

Mr. Mohammad A. Baheth and M. A. Baheth and Company, Inc. were the subjects of a formal disciplinary hearing on March 23, 1998. Mr.

On a more positive note the Board converted one of its intermittent part time investigator positions to a full time position on March 1, 1999. That position was filled by Robert E. Eddleman, a retired major of the Baton Rouge Police Department. Mr. Eddleman served thirty years on the Baton Rouge Police Department with a wide range of experience beginning at the traffic division and ending at the administrative services bureau. He had over eight years of experience in the criminal division of the police department where he was responsible for budgeting, manpower assignments and overseeing investigations relative to serious crimes such as homicides, robberies, forgeries, thefts, sex crimes, and any juvenile crime. Mr. Eddleman attended Louisiana State University in 1961 and 1962 and received an Associates of Arts Degree in Law Enforcement in 1978 from Southeastern Louisiana University. Mr. Eddleman has already attended a week long school sponsored by the Council on Licensed, Enforcement and Regulation to introduce him to the regulatory enforcement process. Mr. Eddleman is a welcome addition to the enforcement staff and his presence will help us better serve the public. We will continue to maintain two of our intermittent part time investigator positions, one of which is currently filled by Ralph Stephenson who performs a lot of the plan stamping investigations generated as a result of activities of the second position. Mr. Larry McKee, P.E., P.L.S. fills the second part time position and is tasked with review of problem submissions by P.E.'s to the Fire Marshal's Office plan review process.

I close this article by thanking each registrant of the Board who has in some positive way supported our efforts to protect the health, welfare and safety of the public during this past year. We are just a call away from answering enforcement related questions and without the help of our registrants the public is not as well served.



Louisiana Professional Engineering & Land Surveying Board



MESSAGE FROM THE CHAIRMAN...

Merlin A. Pistorius, P.E., P.L.S.

The time of the year has arrived again for the transfer of the gavel for the Board Chairman. I am honored to serve as chairman for a year, as I have been honored to serve on the Board for the past five years. On behalf of the entire Board, I would like to use this means to thank our outgoing chairman, Jorge Ferrer, for doing an outstanding job. It was during Mr. Ferrer's watch that several important matters of business were either initiated or brought to conclusion - the most notable of which, in my opinion, being the public hearing process and promulgation of the Continuing Professional Development rules. Also, in his capacity as chairman, Jorge had a way of bringing reason and calmness to controversial, and sometimes difficult, issues under consideration by the Board. Jorge's six year term also comes to an end on August 31.

The term of Board member, Richard Ruckstuhl, will also expire on August 31. Mr. Ruckstuhl brought tremendous wisdom to issues facing the Board. He worked tirelessly for over four years in an effort to increase the registration numbers of Engineers employed in industry. Dick was instrumental in achieving more dialogue about, and came closer to success with, this issue than ever before in the history of the Board. We thank both of those gentlemen for their distinguished service.

Turning to the issues of the new administrative year, we can foresee going through the process of new rules' promulgation following law changes resulting from the 1999 State legislative session.

We will also experience increasing efforts to make comity more workable, faster and realistic, possibly leading to borderless licensure among the southern zone states first, and eventually, all jurisdictions. The big job of bringing Continuing Professional Development online and working is now behind us. However, there is a need for fine-tuning which will be addressed by our continuing and active CPD committee.

At the 1997 NCEES Annual Meeting, a motion was passed that essentially stated "no further changes shall be made to our Fundamentals of Engineering examination specifications until the effectiveness of the examinations are made by a group that is independent from those who are currently involved with the examination preparation, scoring and auditing process." As a result, a Fundamentals of Engineering Task Force has been authorized and established to carry out this change. NSPE was invited to appoint one representative to serve on the task force. We on the Louisiana Board are proud to advise that our own Dr. Bobby E. Price has been appointed by the NSPE president to serve as the NSPE representative. Our Board will certainly be in the know as the evaluation progresses.

As we move into each administrative year, it is always good to remind ourselves, as Board members, that our primary mission is to safeguard life, health, and property, and to promote the public welfare. All other matters to come before the Board are incidental to this.

Board Members

Merlin A. Pistorius, PE/PLS
Chairman

Lawrence Mann, Jr., PE
Vice Chairman

Jerry G. Lazenby, PE/PLS
Secretary

Bobby E. Price, PE
Treasurer

Charles G. Coyle, PE/PLS
Jorge M. Ferrer, PE
Allison J.P. Launey, PE
Frank L. Messinger, III, PLS
William H. Miller, PE/PLS
Richard E. Ruckstuhl, PE, PLS
Morgan M. Watson, PE

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

Board Web Site ———
<http://www.lapels.com>

Board Meeting Dates

September 27-28, 1999

November 15-16, 1999

January 24-25, 2000

Calendar of Events and 1999-2000 Meeting Schedule

1999

- August 19 - Board Meeting - Baton Rouge, LA - Engineering Center (Orientation)
- September 6 - Labor Day (Office Closed)
- September 16 - Board Meeting - Alexandria, LA
- September 30 - October 2 - ACEC Fall Conference - Traverse City, MI
- October 21 - Executive Committee Meeting - Baton Rouge, LA - Engineering Center
- November 18 - Board Meeting - Lafayette, LA
- November 25 - Thanksgiving Day (Office Closed November 25th and 26th)
- December 16 - Executive Committee Meeting - Baton Rouge, LA - Engineering Center
- December 24 - Christmas Eve (Office Closed)
- December 25 - Christmas Day (Sunday)
- December 27 - January 3 - Staff Vacation (Office Closed)

2000

- January 21 - Board Meeting - New Orleans (FRIDAY)
- February 17 - Executive Committee Meeting - Baton Rouge, LA - Engineering Center
- March 7 - Mardi Gras (Office Closed)
- March 16 - Board Meeting - Shreveport, LA
- April 20 - Executive Committee Meeting - Baton Rouge, LA - Engineering Center
- May 14-17 - ACEC Annual Convention - Buffalo, NY
- May 25 - Board Meeting - Lafayette, LA
- June 15 or Annual Meeting - Board Meeting

Mississippi on the beautiful beaches of Orange Beach, AL, July 8th-11th. All told, there were over 100 couples and/or families in attendance, 37 of which were Louisianians. Through a concerted effort of the CEC staffs the meeting events moved along smoothly. Two seminars were presented, one by Dick Crowell with DPIC, and one by Bill Peck, an Atlanta, GA consultant. Each group had its own general membership and board meetings. A large number of members and spouses "putted" around in a golf tournament, braving a pretty bad rain shower, while others took advantage of a fishing charter on choppy waters (the red snappers weren't the only ones that looked sick!). The highlight of the meeting was the Luau and awards event. ACEC's president Leo Peters was present to swear in the new board members. After a sumptuous meal, the group was treated to a one-man band and hula dancers. From the many comments that were received, it appears that the membership really enjoyed the meeting, the format, and the location. The CEC/L Board is already beginning to think about next year. (Editor's note: this executive director is most grateful and appreciative for the opportunity to work side by side with the staffs of the other two state member organizations: Jennifer Dingman and Renee' Casillas from Alabama, Judy Adams and Julia Williams from Mississippi, and Sarah Wilder from Louisiana. We all had a great time working and playing together!).



Facility Planning & Control Meets with Engineers

In an effort to establish a better dialogue with various groups and organizations in the design and construction communities, representatives of the state's Facility Planning & Control Department are meeting with representatives of a number of professional design and construction organizations. The object of this initial meeting is to ascertain the strengths and weaknesses of the agency as perceived by the engineers. From this dialogue, it is hoped that certain problems will be discovered, or uncovered. Engineers will then be asked to serve on a number of committees to address the problems. The engineers hope for an opportunity to address an adjustment of the design fee formula. CEC/L will establish a committee with FP&C and AIA-LA to develop guidelines and write design standards. Representatives from FP&C include the director, Roger Magendie, Bill Morrison, and Raoul Levy. Representatives from the engineering community are Ron Boutte' (CEC/L), Ann Trappey (CEC/L), Steve Boudreaux (LES) and Ron Rodi (LES). The engineers are optimistic over the prospect of creating a better relationship with this major state agency.



Legislative Wrap-up Report

The 1999 General Session of the Louisiana Legislature adjourned in late June producing favorable results for the Registration Board and the design professional community. Here is the tally on the bills with which CEC/L was involved.

HB 1203 by Rep. Hammett becomes ACT 396 - This is the Registration Board's "housekeeping" bill. It was signed by the governor on June 17th and becomes effective on August 15th.

HB 1204 by Rep. Hammett - This is the Registration Board's definition of "Practice of Engineering" bill. The architects and surveyors had problems with certain sections of the definition. By mutual con-

sent, the bill was pulled, and the Registration Board has promised to work with both professional groups over the next two years to come up with a mutually agreeable definition. The bill will then be reintroduced in the 2001 Session, the next general legislative session.

HB 1205 by Rep. Hammett becomes ACT 329 - This is the Registration Board's bill that will allow the state board to grant licensure to engineers without discipline designation unless an agency requires it. The governor signed the bill on June 16th with an effective date of August 15th.

HB 1206 by Rep. Hammett becomes ACT 397 - This Registration Board bill allows a certified engineer intern to be a person who is a graduate of a nonaccredited engineering curriculum or a related science or technology curriculum of 4 or more years approved by the board as being of satisfactory standing, who has obtained a graduate degree from a university having an accredited undergraduate engineering curriculum in the same discipline. The governor signed the bill on June 17th with an effective date on August 15th.

HB 1989 by Rep. Crane becomes ACT 306 - This is a bill that grants exceptions to the mandated installation of Fire Protection sprinkler systems in certain old state buildings around the state. Because of concerns expressed by the engineers, the Fire Marshall's office worked out a compromise which allows the exception with a shortened time period for compliance. The bill was signed by the governor on June 14th and becomes effective on the same date.

HB 2037 by Rep. Fontenot becomes ACT 1013 - This bill would up the threshold of projects from \$200K to \$500K under which the design contracts can be awarded without the necessity of going to the State Selection Boards. Signed by the governor on July 9th, the bill becomes on that day.

HB 2080 by Rep. Daniel becomes ACT 1024 - This bill lowers the peremptive period (your liability period) from 10 years to 7 years. It was signed by the governor on July 9th and becomes effective on August 15th.

SB 438 by Sen. Landry becomes ACT 654 - This bill amends the LDOTD design-build plot program from three projects at a cost not to exceed \$500K each to one pilot project the cost of which will not exceed \$5M. The bill was signed and became effective on July 1st.

SB 486 by Sen. Landry becomes ACT 743 - This bill standardizes the period of liability on public construction projects at 5 years, thereby reducing the design professionals' period from 10 to 5 years! The contractors were already at 5 years. The governor signed the bill on June 18th, and it becomes effective on August 15th.

CEC/L owes a debt of gratitude to Representatives Bryant Hammett and William Daniel and Senator Ron Landry for spearheading the successful passage of the bills listed above. Personal notes of thanks to these three gentlemen from Louisiana engineers would be appropriate.



THE SPEC SHEET

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

CEC/L Honors Metairie Engineer

Frank Nicoladis, P.E., a Metairie, LA consulting engineer, was honored recently by Consulting Engineers Council of Louisiana (CEC/L) when he was named the 1999 recipient of the prestigious A.E. Wilder, Jr. Award. The Plaque of Recognition was presented by Wilder's son, Warren, CEC/L's Executive Director, at an awards ceremony held during the Tri-State Member Organizations Annual Meeting at Orange Beach, AL in early July.



The A.E. Wilder, Jr. Award was established in 1976 in memory of CEC/L's previous executive director who passed away in January of that year. It is presented to a member who has made continuous outstanding contributions to the organization. Nicoladis was selected by a committee of past recipients and the CEC/L Executive Director. Past recipients include H. Nash Ogden, P.E. (Baton Rouge), C. Carter Brown, P.E. (Baton Rouge), Warren G. Moses, P.E. (New Orleans), Chris Demopoulos, P.E. (Shreveport), and Lindsey J. Aucoin, P.E. (Eunice).

A native of Gulfport, Mississippi, Nicoladis was graduated from Mississippi State University in 1957 with a Bachelor of Science degree in Civil Engineering. He is licensed to practice engineering and surveying in Louisiana and engineering in Florida, Mississippi, Texas and Arkansas. In 1969, he established his own consulting engineering and architectural firm in Metairie. Since that time, he has been President of N-Y Associates, Inc., a multi-disciplinary firm which provides all types of services in the fields of engineering, architecture, planning and surveying.

His activities and leadership encompass several other organizations as well. He continues to serve on the Board of Directors of the Louisiana Post of the Society of American Military Engineers and is a Fellow of the American Society of Civil Engineers. For his service to that organization, he was presented the President's Medal in 1996. Nicoladis is also a member of the Water Environment Federation, American Waterworks Association, Louisiana Engineering Society, National Society of Professional Engineers, and the American Society of Consulting Planners. He is listed in *Who's Who in Engineering* and *Who's Who in the South and Southwest*.

His service to CEC/L began in 1988 when he was elected Secretary-Treasurer of the New Orleans Chapter. He was a member of the CEC/L Board of Governors for several years, serving as New Orleans Chapter President and rose through the Executive Committee to become the 1995-1996 CEC/L President. He completed his stint on the Board when he represented CEC/L as its National Director the following year at the national organization's

Board of Directors meetings. Nicoladis served as CEC/L's liaison to the Registration Board and is currently very active on the Transportation Committee, participating regularly in the CEC/L-LDOTD Roundtables. In 1995, he was appointed chairman of the CEC/L Host Committee, a group of members and wives that worked with the American Consulting Engineers Council (ACEC) to plan the 1995 ACEC Annual Convention which was held that spring in New Orleans. At the national organization level, Nicoladis served four years as a member of the ACEC Membership Committee. He continues to take an active role as a member of the ACEC Federal Agencies Liaison Committee and as a Trustee of the American Consulting Engineers Political Action Committee.

Joining a surprised Nicoladis at the awards ceremony was his wife, Peggy.



The A.E. Wilder, Jr. Award - Past Recipients

1976	H. Nash Ogden, P.E., Baton Rouge *
1977	C. Carter Brown, P.E., Baton Rouge *
1978	A.W. "Bill" Holland, P.E., Baton Rouge *
1979	Emery Domingue, P.E., Lafayette
1980	Chris Demopoulos, P.E., Shreveport
1981	Ralph Crosby, P.E., Baton Rouge
1982	Warren G. Moses, P.E., New Orleans
1983	Alfred G. Rayner, P.E., Baton Rouge *
1984	Fielding H. Johnson, P.E., Baton Rouge *
1985	Easton Stewart, P.E., Baton Rouge *
1986	Robert W. McKenzie, P.E., Baton Rouge
1987	Frank H. Walk, P.E., New Orleans
1988	John F. Grosch III, P.E., Baton Rouge *
1989	Peter R. Quirk, P.E., New Orleans
1990	Larry A. McKee, P.E., Baton Rouge
1991	John J. Guth, Jr., P.E., Shreveport
1992	Lindsey J. "Red" Aucoin, P.E., Eunice
1993	Vernon F. Meyer, P.E., Sulphur
1994	Robert D. Fenner, P.E., Shreveport
1995	Charles S. Hedges, P.E., Baton Rouge
1996	Ralph W. Junius, Jr., P.E., New Orleans
1997	Arthur E. Meyer, Jr., P.E., Alexandria
1998	Charles G. Coyle, P.E., Bossier City

* - deceased



Tri-State Annual Meeting Labeled a Success

For the first time ever, CEC/L participated in an Annual Meeting with the Consulting Engineers Councils of Alabama and

LES/NSPE Membership Grades

With the 2000 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 2000 billing year, request must be received by September 15, 1999.

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.

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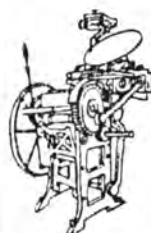
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This years recipients are Mr. Kirby Hebert, representing the University of Southwestern Louisiana and Mr. Clifton Frilot, II, representing Louisiana Tech University.

Clifton Frilot, II

Clifton Frilot, II, is a 1997 graduate of Louisiana Tech University graduating with a B.S. in Biomedical Engineering. He was accepted into the Ph.D. program in Biomedical Engineering in the fall of 1997. Mr. Frilot's objective is to become a full professor in an academic setting that will allow him to teach as well as pursue biomedical research in the implementation and design of artificial organs. Clifton is the son of Dorothy and Clifton Frilot. Mr. Frilot attended John Curtis Christian School in River Ridge, LA. His hobbies include coin collecting, weight lifting, and reading.



Kirby Hebert

Kirby Hebert is a graduate of USL with a B.S. in Industrial Technology and a B.S. in Civil Engineering. His student chapter won the 1998 Student Steel Bridge Competition National Championship in which Kirby served as team captain and designer. Mr. Hebert has recently been licensed as a Patent Agent by the U.S. Patent and Trademark Office. He plans to develop a small freelance practice. Recently, the thought of teaching at the University level has captured his interest. Kirby is married to Lorrie Dupuis Hebert. He is the son of Mr. and Mrs. Nelson Hebert. Mr. Hebert attended New Iberia Senior High School. His hobbies include scuba diving, fishing, bicycle racing, hiking, photography, and glacier climbing.



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By Roger Melancon, P.E.

The NSPE Annual Convention and Exposition was held in Spokane, Washington July 15-20, 1999.

The PEC division decided a couple of years ago to make the meetings meaningful - the developed "projects" that the PEC members could work on.

Each member chose one or more projects - updates on the progress of each project during the year consist of E-mail and conference calls. The project committee meets at the national convention to get input from each member.

The active projects and their contact points are:

Communications - Steven Bassett (954-942-7703, sbassett@fleng.org) and Donn Zang (610-644-4048, donnzang@yahoo.com)

Value Engineering - James Walhen (502-540-6229 walhen@msdlouky.org)

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MEMBERSHIP REPORT

by

ALI M. MUSTAPHA, P.E.

MEMBERSHIP CHAIRMAN/STATE DIRECTOR

Last year all the Chapters did an outstanding job in recruiting new members. Congratulations to Alexandria & Shreveport Chapters for establishing and implementing successful recruitment programs and for exceeding the recruitment quota set by the Membership Committee.

During 1998-1999, 111 members and 30 students joined Louisiana Engineering Society, but unfortunately more than 180 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.

Let us work hard and pledge to improve communications with the existing members and provide our Engineers the best service to insure growth and success of our engineering profession, and turn the loss of membership into gain.

LOUISIANA ENGINEERING SOCIETY MEMBERSHIP RECRUITMENT CONTEST RESULTS JUNE 1, 1998 - MAY 31, 1999

CHAPTER	QUOTA	NEW MEMBERS	% OF QUOTA
ALEXANDRIA	9	10	111
BATON ROUGE	35	21	60
BAYOU	9	5	55
LAFAYETTE	20	18	90
LAKE CHARLES	9	6	66
MONROE	9	6	66
NEW ORLEANS	46	26	56
SHREVEPORT	10	16	160
NON-RESIDENT		3	

TOTAL NEW MEMBERS: 111 / 147 (76%)

TOTAL STUDENT MEMBERS 30

- | | | |
|--------------------|---------------------------|----------------|
| 8. Alice Pang | Glasgow Middle School | Claudia Allums |
| 9. Andre Mouton | Paul Breaux Middle School | Mona Izzo |
| 10. Stephanie Yang | Alexandria Country Day | Ralph Kees |

MATHBEE Champion - Glasgow Middle School, Baton Rouge
Coach- Claudia Allums

COUNTDOWN Round Finalist

1. Astoshi Chowdhury - Glasgow Middle School, Baton Rouge
Coach- Claudia Allums
2. Raphael Mattamal - Lake Castle, New Orleans
Coach- Danny McGovern

Louisiana's National Team journeyed to Washington on Thursday, May 13, 1999, to participate in the sixteenth annual National Competition. Members of the team included:

1. Jailing Xu Glasgow Middle School
 2. Raphael Mattamal Lake Castle
 3. Russell Schafer Lake Castle, North
 4. Michael Tu Glasgow Middle School
- Coach- Claudia Allums

The Louisiana Team placed 36th out of 57 competing teams, and had a great experience together while in Washington. The Louisiana delegation participated in guided tours and visited with Senator John Breaux who spent quality time with the group sharing his experiences as a member of our nation's congress. Also, the team was invited to lunch at the Governors Mansion and visited with Governor



Mike Foster.

Next year's regional competitions will begin in early February 2000, culminating with the State Competition to be held in Baton Rouge.

Thanks to all the LES members who volunteered time and funds to conduct and support MATHCOUNTS at

all levels. Thanks to the teachers and students who trained and competed in the competitions. Congratulations to all the competition finalists and especially our National Team.



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MATHCOUNTS 99

BY KERRY LABAUVE, P.E.

Can you believe it? LES has been engaged with NSPE for sixteen years conducting the coveted MATHCOUNTS program. I can remember clearly when Dudley Hixson, then LES president, called for volunteers to look into the new NSPE adventure, and what an adventure it has been! All of you reading this article who volunteered time or donated funds to conduct the Louisiana MATHCOUNTS Program over the years can take credit for a job well done. You can be extremely proud of the accomplishments and positive influence LES has had on the youth of Louisiana.

The reason MATHCOUNTS was created was to expose as many young children in the formative years of their education to quality and challenging topics in mathematics. NSPE sought to guide these bright youngsters into engineering studies and hopefully improve the quality and quantity of graduate engineers needed to meet the job market demands in the U.S.A. The battle lingers on today, MATHCOUNTS and other programs like it are needed now more than ever.

The 1999 Louisiana MATHCOUNTS competitions were successfully conducted as a result of the dedicated and continual efforts of our volunteer members, LES staff, teachers, students and parents' support. Regional competitions were held in all eight LES chapter areas, drawing seventh and eighth graders from all parishes in our state.

Louisiana MATHCOUNTS culminated with the state competition being held in Alexandria at the Holiday Inn Convention Center on March 20, 1999. The top three teams from each of the eight LES chapters as well as four individual finalists from chapter competitions competed for top individual team awards and a chance to represent Louisiana at the National Competition in Washington, D.C.

The Alexandria Chapter sponsored the state competition beginning with engineering exhibits on Friday afternoon. Students participated in hands-on demonstrations and got to design and build their own "egg drop devices" and compete with each other. Several eggs survived the drop from the second floor of the City Parking Garage. Everyone was treated to a delicious fish fry at the Amphitheater overlooking the Red River.

The Saturday competition went off without a hitch. The testing was tough and demanding as always. The finalists of the State Competition included:

Top Ten Schools:

1. Glasgow Middle School
2. Lake Castle
3. Gonzales Middle School
4. Paul Breaux Middle School
5. Cedar Creek School
6. Alexandria Country Day
7. Boyet Jr. High
8. Lake Castle, North
9. Caddo Middle Magnet School
10. Ruston Jr. High

Chapter

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New Orleans
Baton Rouge
Lafayette
Monroe
Alexandria
New Orleans
New Orleans
Shreveport
Lake Charles

Top Ten Individuals

1. Jialing Xu
2. Raphael Mattamal
3. Russell Schafer
4. Michael Tu
5. Astoshi Chodhury
6. Daniel Whitman
7. Jenna Traylor

School

Glasgow Middle School
Lake Castle
Lake Castle-North
Glasgow Middle School
Glasgow Middle School
Paul Breaux Middle School
Ouachita Jr. High

Coach

Claudia Allums
Danny McGovern
Jeff Oteri
Claudia Allums
Claudia Allums
Mona Izzo
Marilyn Kincannon

LES

2000 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 15, 1999. The seven categories are:

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

101st LES Annual Meeting

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local ASCE chapter and, at the same time, adjusted to married life. Our Chapter's Board of Direction will be holding a weekend retreat near Lake Hermitage at the end of July to plan directions for the New Orleans Chapter's 1999-2000 program. Among the board's interest areas are membership, participation and improving our support to engineering students. We look forward to an active year with an exciting agenda that meets the needs of our members, profession and community. On behalf of the New Orleans Chapter I would like again to thank John Plaisance for his support through out the 1998-1999 term. We specially enjoyed working with him on the Joint Meeting held here in February. Angela and I attended the Tri-State meeting in Sandestin, Florida and are enthusiastic with the agenda laid out by Ted Thompson and the State Board of Direction. We are very pleased to see one of our own, J. M. Drake, as an officer, on the Board.

✿ Shreveport Chapter ✿

by Reggie D. Lewis, P.L.S., E.I.
Shreveport Chapter President

Someone once said, "The times... they are a changing". This has never been more true than today. We often read about advances in technology, particularly as it relates to computers. I think its safe to say that engineers have done a good job in keeping pace with changes in technology by regularly updating the computers and software that we use on a daily basis. This brings me to my topic. Myself and other members of our Chapter were recently invited by Mike Gibson, Executive Director of the Shreveport Chapter of the Associated General Contractors (AGC) of America to observe a presentation of what the future holds regarding the distribution of final plans and specifications to the contracting community. Essentially, we were introduced to the technology of an Internet Plan Room. Rather than contractors going to their local AGC office

and reviewing the customary blueprints and specifications, they may soon be only a mouse-click away from perusing hundreds of construction documents from the comfort of their offices. Contractors and subcontractors will have the ability to perform detailed searches of upcoming projects based on estimated construction costs, classification of work, job location or by categories such as local, state or federal projects just to name a few. As a group, the Louisiana Association of General Contractors estimates all state AGC offices to be on-line by the fall of this year.

So how does this impact the engineering profession? There are members of the design community which have legitimate concerns about professional liability and the protection of their intellectual property. Although the internet drawing files cannot be edited they can be sent directly to a plotter and thereby reproduced in any office. For example, the ability of an individual in Tokyo, Japan to access the Internet and plot a complete set of plans and specifications for a fifteen story building to be constructed in Shreveport, LA., without the designers knowledge, is more than a little unsettling for some. Particularly if that individual intends to design a similar structure in Tokyo, Japan. Granted, that individual could probably obtain the same documents from the original designer and essentially accomplish the same thing, but admittedly an Internet Plan Room would make the task much easier. Try as we might, we will never stop unscrupulous people from doing unscrupulous acts. Of course there are many other concerns held by the design community related to this technology, but space does not allow me to elaborate further. Don't misinterpret my remarks as being totally negative. An Internet Plan Room will be beneficial to both designers and contractors, but there are some issues that engineers need to investigate and voice their opinion on. The Louisiana Engineering Society should strive to be proactive, not reactive to this and other advances in technology.

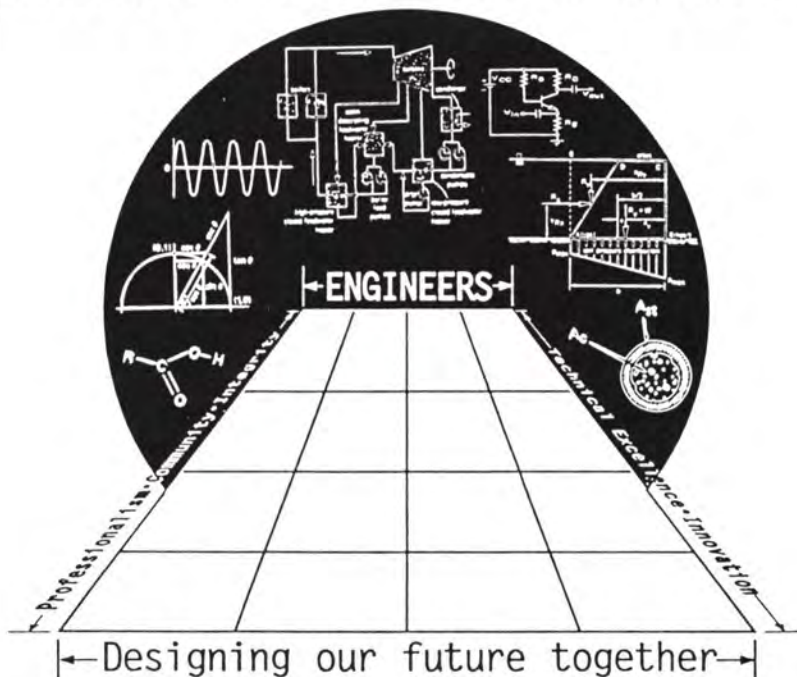
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Board of Direction Meeting

June 23, 1999

Theodore Thompson, P.E. addressed the board as the new president and presented his goals for the year. These are contained in his message in this issue.

Mr. Thompson announced that he is appointing J.M. Drake as parliamentarian to assist him with the points of order.

Bobby Price spoke regarding "Right Sizing" for the NSPE Board of Direction. Bobby announced the four different alternatives that will be discussed.

A discussion took place and it was decided to enter into a sustaining membership agreement with LA One Call.

Larry McKee spoke regarding legislative issues and referred to the Louisiana Engineering Society Vision & Mission Statement, stating that he feels that the society is providing avenues for members to elevate their skills by providing CPD. Larry stated that he has reviewed the responsibility of the Legislative Committee and announced that the committee will take on any other activities desired by the board.

Billy Moore stated that there are two vacancies on the Long Range Planning Committee and if anyone is interested or knows of anyone desiring to serve, please contact Billy Moore or Steve Brown.

Ted Thompson announced that LES is in partnership with LSU in conducting CPD classes. Ted urged the chapters to get in touch with the universities in their area to hold classes. Ted Thompson stated that the Joint Engineering Conference will be held in February in Lafayette, LA. Ted asked that we start getting exhibitors and sponsors for the joint conference.

** A complete copy of the minutes can be obtained through your chapter president or by calling the State Office.*

Highlights

Beautiful Sandestin Resort provided the backdrop for LES's 101st Annual Conference June 20-23, 1999. Approximately 200 Louisiana, Alabama, Arkansas, and Mississippi members and their families participated in a wide range of activities, from golfing and tennis to socializing and seminars. Members had the opportunity to earn up to 12 PDH's and NSPE president elect David Waugh installed the 1999-00 state officers for each Society. A good time was had by all!



hus, last week I returned from a job site visit to find the Chapter's records stacked neatly on the sofa in my office, and I am now the 1999 Chapter President. The Chapter's records are easily held within a modest cardboard box; 75 years of chapter history summarized in less than one cubic foot of paper. Of course, the modest volume of these records does not reflect the impact that the Chapter and its members have had on the Baton Rouge community since 1925.

I've been working in Baton Rouge for slightly over twenty years, and during that time I have had the opportunity to work on many renovation projects. Each project begins with a review of the work of engineers and surveyors who have graced Baton Rouge with their talent. A few have had streets named after them and some are remembered in the small print of plaques and corner stones. I'm a strong believer that today's engineers should occasionally push themselves away from their computers and take the time to review the work of those who shaped Baton Rouge with little more than a slide rule and trig table. I think that we sometimes forget that the practice of engineering is one part science and nine parts experience; more art than science. The Chapter was founded by those engineers who's work I admire so much. While the Chapter's records are modest in size, the history of the Chapter is actually written across the expanse of Baton Rouge. I am humbled by the opportunity to walk in the footsteps of all who have come before and serve the Chapter in 1999.

This year, the Chapter faces several challenges, and our officers and committee members are looking forward to them. First, Baton Rouge will host both the local and state Mathcounts this year. Darryl Jones and Buddy Porta have begun planning these events. Like other groups, the Chapter will explore ways to incorporate CPD into our 1999 program. Our annual LSU Student function has become an event that I look forward to attending. I think lines may already be forming for Richard Savoie's jambalaya.

State guidelines now require 8th grade classes to provide some form of career planning. Many local schools have chosen to hold Career Days. The Chapter will work to provide information and speakers for these events.

This year the Chapter will work to host an Engineer's Week celebration that will be a forum for all local engineering organizations to jointly celebrate the contributions of our profession over the past one hundred years and look forward to the next.

Finally, traditionally we have completed our year with a picnic at Louis and Laura Capozzoli's residence. They have graciously offered their grounds again and we will be looking forward to closing the year with a relaxing afternoon on Bayou Manchac.

♣ Bayou Chapter ♣

No Report

Thanks!

A big **THANK YOU** goes to the Shreveport Chapter for donating \$300 to the State Office for furniture for the new office.

♣ Lafayette Chapter ♣

*by Chris Richard, P.E.
Lafayette Chapter President*

The Lafayette Chapter took a summer hiatus from meetings, but the board took no vacation from planning. They've been busy at work planning numerous meetings for the coming year. Members who attended the June Tri-State Meeting in Sandestin had a busy agenda full of classes as well as fun, family-oriented activities. On July 16, the chapter sponsored a seminar given by Jerry Lazenby, P.E., P.L.S., LAPELS Board Member, on Land Surveying for the Engineer. This timely presentation addressed the many concerns of all engineers, and the clients who use their services, regarding state law requirements as they relate to property and boundary surveys. The two-hour seminar addressed rights-of-way and servitudes in every-day applications. The seminar was very well attended, with more than 50 participants. The chapter is also busy planning the Joint Engineering Conference to be held in Lafayette on February 3 and 4, 2000. Seminars on various interesting topics will be presented as well as the LES Honors and Awards Banquet. And, of course, the Annual USL Tailgate Party is being planned and we anticipate a banner attendance. The chapter looks forward to an exciting and fulfilling year!

♣ Lake Charles Chapter ♣

No Report

♣ Monroe Chapter ♣

*by James H. Henry, P.E.
Monroe Chapter President*

Greetings to all fellow members. The Monroe Chapter is currently arranging a schedule for the upcoming year. Plans include Continuing Professional Development Seminars, Chapter meetings, Mathcounts Activities, Fund raisers and Golf Tournaments. Our first Chapter meeting will be in September, however, plans are underway to conduct a CPD seminar in August. The Monroe Chapter has added three (3) new members in the past month. The new members are Gregory Wilson, Director of the School of Building Construction - Northeast Louisiana University, Clayton Poland of Lazenby and Associates and L.R. "Eric" Erikson of Denmon Engineering. Be sure to welcome each to the Society. Several of our members attended the Tri-State Engineering Conference in Sandestin, Florida. The LES sponsored events included the awards banquet, golf tournament, exhibition hall and Continuing Professional Development Seminars. The company of our fellow engineers was excellent. Thank you to all of the LES staff for making this event a success. The Monroe Chapter would also like to thank Mr. Stanton E. Huey Jr. for his successful leadership this past year. Well done Stanton.

♣ New Orleans Chapter ♣

*by Frank P. Gallagher, III, P.E., C.I.H.
New Orleans Chapter President*

The past year has been very successful for the New Orleans Chapter largely due to Angela DeSoto's leadership and grace. She not only served our chapter but also chaired the

Continued on page 8



SOCIETY NEWS • SOCIETY NEWS

NEW MEMBERS

Alexandria Chapter

Randal T. Tassin, P.E.
Rene' Borrel, P.E.
Brad Hansel, E.I.
Scott Lee Maynor, E.I.

Baton Rouge Chapter

James N. Miller, Jr.
Boon-King Jason NG
Bijan Sharafkhani, P.E.
Stephen C. Punkay, P.E.
Sandra M. Jones, E.I.
William Lee Bowman, P.E.
Philip Blanchard
Markay Brown, P.E.

Bayou Chapter

John D. Monteiro, P.E.

Lafayette Chapter

Walter A. Goetzmann, P.E.
Craig Anthony Derouen
William K. Cheung
Robert N. Ranney, P.E.

Lake Charles Chapter

Erik Simpson, E.I.

Pamela C. Dautenhahn, P.E.
Joel D. Stromer, E.I.
Bob J. Green, P.E.
Randall J. King, P.E.
Harry Ammons, P.E.
Olin M. Lacy, Jr., P.E.

Monroe Chapter

Patrick Kenney, P.E.
Gregory P. Wilson, P.E.
Clayton L. Poland, E.I.
Lloyd R. Erikson, III

New Orleans Chapter

Robert W. Phillpott, P.E.
Stephen V. Estopinal, P.E., P.L.S.
Jennifer Mayo-Kihlken
Troy L. Carter, II, P.E.
Hamid R. Alizadeh, P.E.

Shreveport Chapter

Kevin Earl Rodgers, E.I.
Michael McCabe
Benjamin Rauschenbach

✿ Alexandria Chapter ✿

by Larry Smart, P.E.
Alexandria Chapter 2nd Vice President

In April, during our annual spring crawfish boil, the following officers were elected for the 1999-2000 fiscal year:

President - Steve Gauthier, P.E.
1st Vice President - Greg Whittington, P.E.
2nd Vice President - Larry Smart, P.E.
Secretary/Treasurer - Brad Sticker, P.E.

Our May monthly meeting included a seminar on "Regulatory Requirements and Non-Regulatory Considerations for Property Purchases and Site Development". This presentation was presented by Mr. Ed Fike, Project Scientist with Coastal Environments, Inc. in Baton Rouge. Ed's discussion included site assessments for prior land use, hazardous waste, endangered species, historic preservation, wetlands and many other items which must be considered when developing a site.

In July, our chapter will hold a special meeting to earn professional development hours in Engineering Ethics and Life Safety Code. Engineering Ethics will be presented by Dr. Lawrence Mann, Jr., P.E., a professor of industrial engineering at LSU. Dr. Mann will discuss the new Continuing Professional Development Law and the

ethics requirements contained in the law. He will then lead a discussion involving case studies of ethic issues related to the engineering profession. Life Safety Code will be presented by Mr. Charles Luttrull, Safety Officer for Rapides Regional Medical Center. Mr. Luttrull will discuss current Life Safety Code and changes from previous code and also some current applications.

✿ Baton Rouge Chapter ✿

by Tom Stephens, P.E., P.L.S.
Baton Rouge Chapter President

Due to schedule conflicts, I was not able to attend the Annual Meeting in San Destin last month. Since I did not attend the official installation of officers, the Baton Rouge Chapter resorted to our traditional "Transfer of THE BOX" method.

✿ CALENDAR OF EVENTS ✿

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Engineer & Surveyor Journal* to: Editor, 9643 Brookline Ave., Suite 116 Baton Rouge, LA 70809.

August

26 Executive Committee Meeting - Alexandria, LA

September

30 LES Board of Direction Meeting - Lake Charles, LA

October

15 Honors & Awards Nominations Deadline

15 Deadline for copy, Louisiana Journal,
November Issue

November

4 Executive Committee Meeting - Baton Rouge

December

10 LES Statewide Board of Direction Meeting & Honors
& Awards Selection Committee - Lafayette, LA

February

3-4 LES Statewide Honors & Awards Spring Meeting &
4th Joint Engineering Societies Conference -
Lafayette, LA



*P*RESIDENTIAL PRIVILEGE

Theodore H. Thompson, P.E. • President
Louisiana Engineering Society

Thank you for the opportunity to serve as the president of the Louisiana Engineering Society. I have looked forward to this for a number

of years; however, now that the time has arrived I look around and see those who have preceded me and realize the accomplishments they have in the field of engineering and I'm in awe of them. I will do my best to work on your behalf in forwarding the goals of the society and in supporting our mission and vision statements.

Every four years we conduct a leadership meeting in which the current office holders re-examine the history of LES, the goals and mission of LES, and member input to determine if our efforts continue to serve and reflect the members needs and desires. Our next such evaluation will take place at the 2000 annual meeting next June.

Why am I telling you this now? Because, I want your input in how we can improve our society and how we can further our profession together. Our turnout at chapter meetings is low but in line with other organizations. Many events place demands on our time and many chose to set their priorities on other activities than this organization. I fully appreciate your position and the trust you put in those who do play an active part in our organization.

Many look at only the financial bottom line of joining LES. What can LES do for me and do I receive value for my money? LES is not the state office. The chapters and your participation and active involvement in LES make up the entity known as LES. LES is also a commitment to the betterment of the profession, our communities, and the country. This commitment cannot always be quantitatively measured. It is an intangible, where in some cases only future generations of engineers will benefit from our endeavors. By becoming a member you are making a commitment to the profession. If you are unable to be active in LES, I understand, and I thank you for your financial support to our profession.

In furthering the goals of our society, and in keeping within our society's constitution and bylaws I will be giving our committee chairmen and chapter presidents my vision and goals in support of our mission statement. I will encourage the chapters and committees to:

Increase the active involvement and recruiting into LES of minorities and women. While LES does not record gender or race in its files, chapter meetings indicate a lack of involvement by these groups in the same proportion which are now attending our local universities.

Increase public awareness of our profession's contribution to the health and well being of the community by increasing our publicity of the endeavors of our members in the field of engineering and their projects under construction. This will include the engineer's contribution in the industrial arena and how engineers keep our communities major employers competitive and environmentally safe.

Improve our ability to keep our members aware of legislative activities through electronic means so that our members may respond in support of favorable legislation or negatively against detrimental legislation. Not only in the field of engineering, but on issues which affect all of us. We need to become more effective and efficient as a group in influencing legislation. There are more engineers than there are architects and lawyers; we're just not as organized, YET. Another goal, in this area, is increased contact with our legislators and to increase their awareness and understanding of our profession and of our numbers. Through our magazine, web page and chapter newsletters to keep you advised of educational opportunities before they occur.

Increase opportunities for earning professional development hours. In cooperation with the technical societies, increase the number of technical hours we offer during the year.

I want to improve our communication with you through our chapters. I ask you to attend your local chapter meetings and let your officers know your opinions. Some time ago we took an informal survey and 67% of the members surveyed did not want mandatory CPD, yet we have it. Do you want us to fight for a repeal of this legislation? Please let us know. We will continue to provide educational opportunities regardless of mandatory CPD, as continuing education has always been a part of our profession and this society. Continued improvement is who we are as a professional group.

At the end of my term I may not be able to quantify all of my goals with numbers, but I will report to you on our efforts. We may differ on how to improve our profession and our society, but as long as you and I realize we both have the best interests of our profession in mind, we will move forward together.

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.

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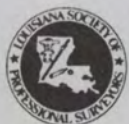


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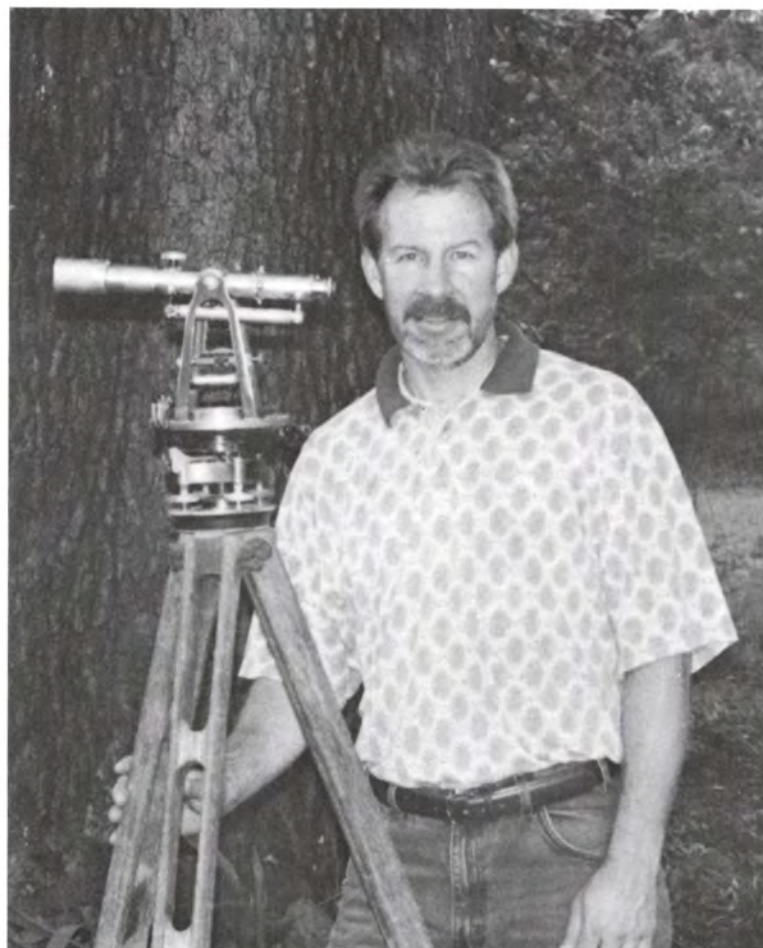
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Louisiana Society of Professional Surveyors
1999-2000 President
Walter Ballard, PLS

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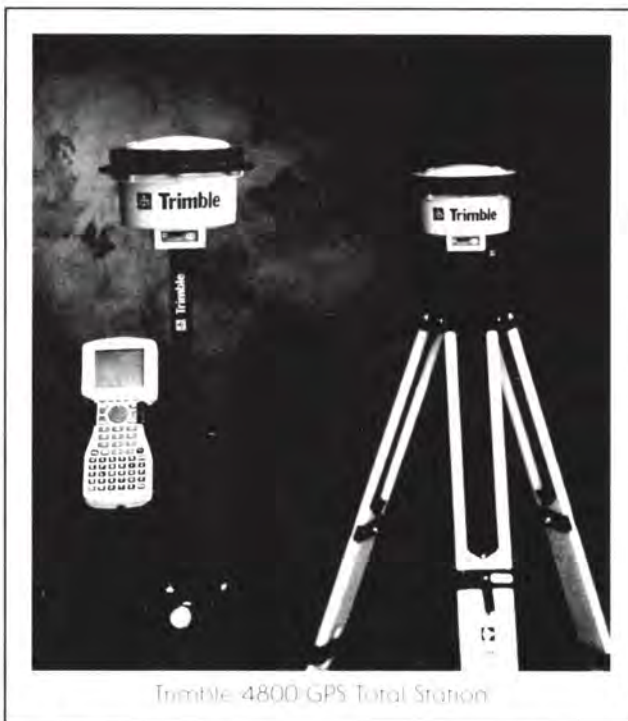
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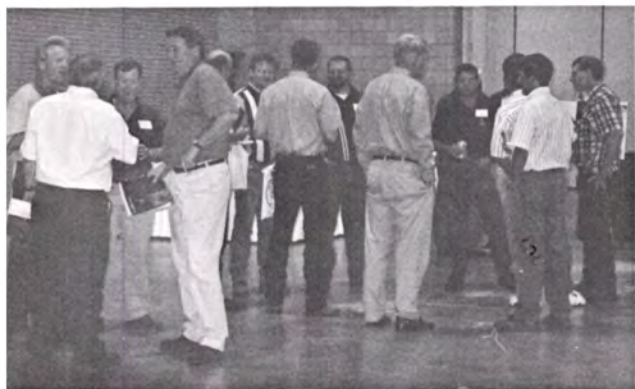
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We passed a good time in Houma
at the 38th Annual Convention !



southwestern Louisiana, University of Texas at Austin, and Texas A&M University.

He contributed financially to building a new Library at Our Lady of Fatima School.

Mr. Chance is a member of the American Congress on Surveying and Mapping, the Louisiana Society of Professional Surveyors, and the Louisiana Engineering Society. He is a Registered Professional Engineer in Civil Engineering and a Registered Professional Land Surveyor in Louisiana and Alabama.

This man is no stranger to awards, here are a few that he has received.

- ◆ U.S. Senate Productivity Award **For Innovation**
- ◆ Louisiana Engineering Society **James M. Todd Technological Medal**
- ◆ Marine Technology Society **Compass Industrial Award**
- ◆ Society of Louisiana Certified Public Accountants **Free Enterprise Award**
- ◆ The Times of Acadiana **Business Achievement Award**

Since 1991, he has been enjoying his retirement. He has stayed active with his hobbies at this farm in Palmetto, Louisiana.

Mr. C.L. Jack Stelly concluded his presentation with, *"This man, my first employer, took me to my First Annual State Convention and he has always supported the Louisiana Society of Professional Surveyors, by encouraging his employees to participate in our professional organizations on a local, state and national level. A man that has set the pace in his profession."*



The Life Membership Award was presented to Mr. John E. Chance by Mr. C.L. Jack Stelly.



NSPS NEWS

Submitted by C.L. Jack Stelly, NSPS Governor

As your representative I attended the annual Spring ACSM conference held in Portland, Oregon. The conference was well attended with 1,352 pre-registered guests. Most of the workshops were all filled prior to the conference. The following are a few items of interest from the Board meetings that I attended.

- ❖ Motion was passed for NSPS Board of Governors to adopt the SURVEYORS PRAYER as written by Ben Devane, Governor from the Surveying and Mapping Society of Georgia for use as appropriate at the meetings, functions and for publications and distribution to members and the public, as directed by the Board.
- ❖ The Task force for the NCEES Model Law for Surveying are proposing to include Photogrammetric and Geographic information disciplines under surveying.
- ❖ The NSPS Restructure Committee is proposing membership in NSPS will be by virtue of Membership in a state affiliate—all state affiliate members will be members of NSPS. The committee is proposing a membership fee reduction by as much as 50%. NSPS membership count shows Louisiana to have 95 members.
- ❖ The National Society of Professional Surveyors Foundation, which purpose is to promote educational, scientific and charitable activities in the field of Land Surveying, membership fees are as follows:
 - 1- Regular Member \$20-\$99
 - 2- Century Member \$100-\$499
 - 3- Sustaining Member \$500 or more
 - 4- Lifetime Member \$5000 lump sum
 - 5- Charter Member \$100 or more during 1995

The present Foundation balance is \$122,721 and the Foundation's goal is to have \$1,000,000 in 7 years. Seven scholarships will be granted in 1999 ranging from \$500 to \$2,000.

LSPS Fall Technical Session  **September 15, 1999**
Positioning The Land Surveying Firm for the 21st Century by Mr. Milton Denny

LOOK FOR DETAILS IN THE AUGUST ISSUE

LSPS SPECIAL AWARDS

IN recognition of outstanding service to their profession and to the Louisiana Society of Professional Surveyors, two LSPS members received special awards at the LSPS 38th Annual Convention in Houma.

The LSPS SURVEYOR EXCELLENCE AWARD was presented to **Mr. Jack E. Farmer.**

Jack grew up in Pineville, Louisiana. He attended Centenary College in Shreveport, Louisiana. Jack is married to Janice Farmer and has four children and eight grandchildren.

He served as Reserve Member of the Louisiana National Guard for 22 years and ended that career with a rank of Master Sergeant.

Jack began his surveying career in the 50's. He founded and became President of EGSI, Inc., in 1990.

Jack is a Deacon of the First Baptist Church in Natchitoches, and Director of the Sunday School Program.

Jack is a Registered Land Surveyor in Louisiana and served as President of the Louisiana Society of Professional Surveyors in 1991. He has been Chairman of the LSPS Tri-Star Program for the past 3 years.

He is a member of the American Congress of Surveying and Mapping, the National Society of Professional Surveyors, and the Louisiana Society of Professional Surveyors.

Jack likes to spend his free time camping out at his lease, and enjoys hunting and fishing.



Mr. C.L. Jack Stelly presented the 1999 Surveyor Excellence Award to Mr. Jack E. Farmer.

President Trivia Answers:

- | | |
|---------------------|---------------------------|
| 1. George Bush | 6. Lyndon B. Johnson |
| 2. Ronald Reagan | 7. John F. Kennedy |
| 3. Jimmy Carter | 8. Dwight D. Eisenhower |
| 4. Gerald Ford | 9. Harry S. Truman |
| 5. Richard M. Nixon | 10. Franklin D. Roosevelt |

The LSPS LIFE MEMBERSHIP AWARD was presented to **Mr. John E. Chance.**

Mr. C.L. Jack Stelly gave the introduction for the award. *"I am happy to honor a man, whom I have known many years. A man that I respect very highly. A man that has greatly influenced me and many of you. A man that is known throughout Louisiana and many parts of the world for his accomplishments, in both his personal life and his business endeavors. A man that is a Business Man, a Farmer, an Engineer, and Professional Land Surveyor #944."*

Mr. Chance was born in Silsbee, Texas. He is married to a wonderful lady, and they were blessed with 6 children.

He served with the U.S. Army in the European Campaign/World War II.

Mr. Chance graduated from Silsbee High School in Silsbee, TX. He received his Bachelor of Science in Civil Engineering from the University of Texas at Austin.

In 1949, he began his career as a Civil Engineer with Sun Oil Company. In 1957, he founded his company and through the years acquired many companies in addition to developing several hydrographic survey systems and developing Starfix, the world's first and only commercial spaced-based positioning system.

In 1991, his firm was acquired by Fugro-McClelland, of the Netherlands, an international company that specializes in earth sciences, environmental studies, and surveying.

His many community activities include active participation in the following organizations:

- ♦ Lafayette Petroleum Club
- ♦ Lafayette Chamber of Commerce
- ♦ Our Lady of Fatima Catholic Church and served on the Parish Council and as a Trustee of the Parish
- ♦ Krewe of Gabriel—and was King Gabriel in 1987
- ♦ Mystic Krewe of Louisiana of Washington D.C.

He served on the Board of Directors of:

- ♦ Lafayette Petroleum Club
- ♦ Acadian Mental Health Treatment Center
- ♦ American Bank & Trust Company
- ♦ Lafayette General Medical Center

He served on the Louisiana State Advisory Council of Vocational & Technical Education.

Mr. Chance established an Annual Scholarship for Civil Engineering at the University of Southwestern, Louisiana. He established, with his wife, a Professional Endowment in Engineering at U.S.L.

He has been a significant financial supporter of public and private educational institutions in both Louisiana and Texas including: Louisiana State University, University of

Alexander & Sanders and Fireman's Fund have developed an exclusive insurance program for Professional Land Surveyors in Louisiana. These two leading insurance providers understand your industry and have designed this program to provide you with complete protection at competitive rates. Not only is the program price competitive, it provides the opportunity to reduce your net costs through a Safety Group Dividend.* Effective loss control and good loss experience may be recognized through a dividend program.

Program features

- Broad, custom-designed coverages
- Flexible payment options
- Fast, fair claims service
- Professional loss control assistance

Initial premium savings through administrative efficiencies and reduced costs of mass purchasing.

Summary of Available Coverages

Professional Liability

Professional liability covers claims arising from your professional activities as a land surveyor. Affords protection for:

- Injury to others
- Defense Costs
- Attorney's fees, incurred in defending claims, are paid outside of the liability limits (except pollution)
- Prior Acts
- Coverage for claims not reported to previous carrier(s)

- Pollution due to your professional activity

Property

- Building Insurance – Not only affords broad protection to buildings, but covers signs, building glass, fences, light standards and maintenance equipment
- Business Personal Property – Protects equipment, business machines, stock, fixtures, supplies including transit coverage and more
- Contractor's Equipment – Provides coverage for surveying equipment while in use at the job site or in storage

- Money & Securities Coverage

- Business Income and Extra Expense

General Liability

- Covers liability claims arising from your place of business and includes protection for claims on and off premises
- Injury to others – bodily injury and property damage
- Medical Payments – for people injured on your premises, regardless of who was at fault
- Personal injury and Advertising injury
- Tenants Legal Liability

The coverages described in this brochure are only brief summaries, and are subject to the terms, conditions, and exclusions of the actual policy.

** Dividends are paid only if declared by the insurance company's board of directors and then only if surplus is earned. They cannot be guaranteed in advance. Any information you receive regarding dividends refers to expired policies, and is not a representation as to future dividends.*

- Employee Benefits Liability
- Systems Breakdown Coverage
- Broad Automobile Coverages
- Worker's Compensation
- Umbrella Liability

The Strength and Experience of Two Leading Insurance Firms

You will be represented by Alexander & Sanders, an independent agent who has a proven record of accomplishment. They have provided a team of professional insurance specialists to assist you in getting the best possible protection at a competitive price. A&S is experiencing rapid growth in managing insurance products for other property & casualty programs. They have many years of experience providing insurance protection for architects, engineers and surveyors.

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Fireman's Fund currently provides insurance for Land Surveyors in several states.

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When you have a loss, we assign a claims expert to assist you in filing the claim. Your personal claims representative will carefully review the details of the loss and explain how your information will advance the claim. As a result, you'll be a participant in the process rather than just a bystander.

Prompt

Our goal is for our claims representative to contact you within 24 hours to map an action plan.

Proactive

Your claims representative has an action plan and a time table to suit each type of claim so that we can help you anticipate problems and uncover opportunities. At Fireman's Fund, we continuously survey our customers as part of an on-going quality assessment effort. The results show that 95 out of every 100 insureds responding to our poll are satisfied with our claims service...which means that Fireman's Fund policyholders expect – and receive – superior service.

In short, you can expect the best with Fireman's Fund.



Reply Card

Please complete and mail this form to receive information on the A&S Fireman's Fund Insurance Program for Louisiana Land Surveyors.

Name of Organization

Address

City/State/Zip

Contact

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Insurance Policy Expiration Date

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For immediate response, please contact:

Justin Sanders, Program Manager
ALEXANDER & SANDERS
Insurance Specialist
1-225-924-1371

LSPS STATE TRIG-STAR AWARD

Annual Trig-Star Competition was very successful under the direction of Mr. Jack Farmer. Students throughout the state participated in Spring, with the winner coming from LSPS District 3.

offer congratulations to Nicholas Leger from Carencro, Louisiana for giving the correct answer in the fastest time! Nicholas and his parents, Aldine and Larry Leger, attended the LSPS 38th Annual Awards Banquet, in Houma. Nicholas will compete in the National Trig-Star Competition this summer.



Mr. Jack Farmer presented the LSPS State Trig-Star Award to Nicholas Leger.

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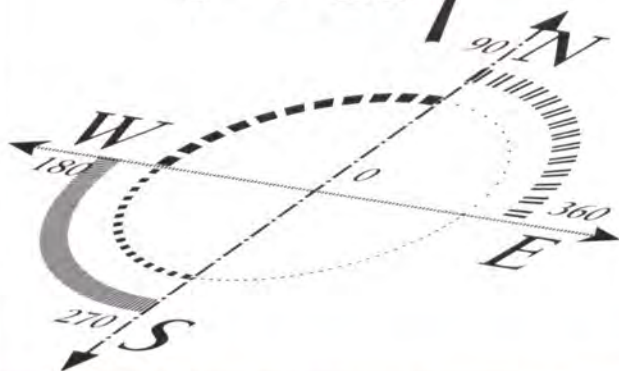
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PRESIDENT TRIVIA

Submitted by: Melvin L. Harrison

Listed below are ten famous quotes from U.S. Presidents. Many of these quotes can still be used in our society and everyday life. Try to match the quotes with the correct President.

10 right: You need to check out your burial policy, because you were around when these speeches were given.

5 right: About average.

0 right: You spend too much time surveying and need to get a life.

President Key:

Gerald Ford	Dwight D. Eisenhower
Franklin D. Roosevelt	Ronald Reagan
Jimm Carter	John F. Kennedy
George Bush	Harry S. Truman
Richard M. Nixon	Lyndon B. Johnson

1. "Lasting peace and prosperity come from a respect for human rights and the sharing of democratic values that are deeply rooted in the human spirit."
2. "We have every right to dream heroic dreams."
3. "We've discovered that owning things, and consuming things does not satisfy our longing for meaning."
4. "My fellow Americans, our long national nightmare is over."
5. "Those who hate you don't win unless you hate them back—and then you destroy yourself."
6. "We will not be defected. We will not grow tired. We will not withdraw, either openly or under the cloak of a meaningless agreement."
7. "Ask not what your country can do for you—ask what you can do for your country."
8. "My country's purpose is to help us move out of the dark chamber of horrors—into the light."
9. "Communism is based on the belief that man is so weak and inadequate that he is unable to govern himself, and therefore requires the rule of strong masters."
10. "The only thing we have to fear is fear itself—nameless, unreasoning, unjustified terror which paralyzes needed efforts to convert retreat into advance."

Answers on page 40



Surveyor's Prayer

Almighty God, Surveyor of the Universe and the
True Point of Beginning for all things.

Bless that parcel of time more particularly
Described as life and guide us as we
Traverse through it.

May we accurately follow the courses you have set
Forth giving full measure of our time and talents in
A manner that will make our lives worthy of a place in
the record book of eternity. We submit the
Sum of our being; less and except those errors by your grace
forgiven.

Witnessed by those present in your Holy Name. Amen.

Ben DeVane, Georgia Surveyor 1504, July 13, 1991

1999 LSPS Scholarship Recipient

By: Wayne A. Hebert, Education Committee Chairman

The recipient of the Education Foundation Scholarship is **Joseph Storrs**, a senior at Natchitoches Central High School.

Joseph had a GPA score of 3.75 and an ACT score of 22. While GPA and ACT scores are considered high in our grading of candidates, accounting for 50% of the criteria of selection, it is the charge of our Education Committee to find a candidate having a balance of character, involvement in extracurricular activities and career intentions to include land surveying or a related technical field.

The 1999 recipient was in a total of 14 honor classes at his High School. These courses included Geometry, Trigonometry, Advance Math, Calculus, Chemistry, and Physics. Also included were honors courses in English,

Civics, and Social Studies. It was this rigorous course of studies that placed Joseph above other candidates of this year when judging the impact of GPA.

But, let us look at some of the other credentials of this recipient:

- Selected for the National Honor Society
- Eagle Scout, Boy Scouts of America. Eagle Scouts are individuals who have proven leadership, service, and character in their scout careers.
- **Sports** - Joseph has been a member of Varsity Football from grades 10-12, making the All-District, All-Cenla, or All Area 1st Teams in his 11th and 12th grades and the 1st-Team in All-State in 12th Grade. He was also active in Soccer in grades 9-12 and made All-District teams in that sport.
- **Employment and Career intent** - Joseph worked during achieving these accomplishments and has worked one summer as a rodman on a survey crew. He plans on majoring in Engineering.

Character references

- ❧ "Unlike many of today's students, Joseph has extremely high moral standards . . . Joseph is that extraordinary student that all teachers pray for and few ever have the pleasure of teaching."
- ❧ "His respect for authority and general demeanor are reminiscent of earlier decades when children were warned that if they got in trouble at school, they were in bigger trouble at home! He is a member of a very large, close-knit family . . . and his parents hold him to high standards morally, ethically and educationally . . . Joseph refers to piano-playing as a hobby, but he has received superior ratings in the National Federation Junior Festivals and National Piano Playing Audition."
- ❧ "Not only has Josh been an exceptionally good student, but he is also an exceptional athlete and musician . . . You could not ask for a young man of higher caliber than this one. He is unquestionably scholarship material and he surely deserves serious consideration for this honor."

It was my honor to award the 1999 Louisiana Society of Professional Surveyors Education Foundation Scholarship to **Joseph Storrs**. On behalf of LSPS, Mr. Jack Farmer, member of LSPS District 8, presented the award to Joseph at his High School Awards Ceremony on April 22. Joseph and his parents, Janine and John Storrs, attended the LSPS 38th Annual Awards Banquet, in Houma. ■

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President's Message

By: Melvin L. Harrison



This is my last President's Message. By the time you read this article there will be a new slate of Officers in place. The new Board is very capable and will represent LSPS in a professional manner. It has been an honor and pleasure to serve as your President this past year. It has been very challenging and rewarding. This year has been extremely eventful, let me recap a few important accomplishments.

We have combined our newsletter with three other organizations, Consulting Engineers Council of Louisiana, Louisiana Engineering Society, and the Louisiana State Board of Registration. This has broadened our exposure to over 20,000 readers. This issue of the *Louisiana Engineer and Surveyor Journal* is the fourth, which makes a year of publication. Following the May issue, our Newsletter Committee will meet to assess the Journal and make changes if necessary. This is your newsletter and we encourage feedback that will help improve the quality.

In January, the four organizations mentioned above moved to our new office in the Louisiana Engineering Center on Brookline Avenue. This has promoted a closer working relationship between these organizations. Also, January 1, 1999, Continuing Professional Development became a requirement. LSPS has made a special effort to offer as many seminars as possible to assure every professional Surveyor the opportunity to acquire the necessary credits. Please call our office or visit our web site for upcoming educational seminars. We would also like to hear suggestions from you for topics.

Approximately two years ago the Business Practice Committee began a search to find an insurance agency to develop a program providing professional liability and other general insurance coverage to be sponsored by LSPS for its members. LSPS signed and appointed Alexander and Sanders Insurance Agency to develop this program. Work began immediately but several problems surfaced. There were difficulties finding an underwriter to offer these services in one package. When this was accomplished it was submitted to the Insurance Commission for approval which took approximately one year. To make a long story short, we now have a program available for our members. The Land Surveyors program offers a one-stop shopping for insurance for professional liability, automobiles, general liability, buildings, office contents, umbrella (catastrophe liability). Please see pages 38 & 39 for more details.

Again, thank you for giving me the opportunity to serve as your President. I have made friendships all over the state and the south that I will always remember. This year has been a memorable experience in my life that I will never forget. ■

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K. T. Associates, Prof. Corp. P.C.
HERNDON, VA
R W Armstrong & Assoc
Incorporated
INDIANAPOLIS, IN
Heritage Environmental Services,
LLC
INDIANAPOLIS, IN
Highland Associates, Ltd.
Architecture Engineering Interior
Design
CLARKS SUMMIT, PA
Structural Design Group,
Incorporated
BIRMINGHAM, AL
Colwill Griner, Incorporated
TAMPA, FL

LAND SURVEYING FIRMS

David A. Waitz Engineering &
Surveying, Inc.
THIBODAUX, LA
Mandle-Edwards Surveying,
Incorporated
NEW ORLEANS, LA
GSE Associates, Incorporated
HOUMA, LA
URS Greiner Woodward-Clyde,
Incorporated Southern
SAN FRANCISCO, CA
Dockens Surveying, Incorporated
ROBELINE, LA



The Violation With Nine Lives

by Benjamin S. Harrison

During the fifteen plus years that I have been involved in the enforcement program of the board there is one violation of Louisiana Statutes or Board rules that reoccurs with alarming frequency. I have written a number of articles over the years about this violation which have appeared in this magazine. Because this violation continues to be on the increase it is time to again bring it to your attention.

What is this violation? Simply put, it is plan stamping. Some of you reading this article will accuse me of getting on the soap box again. Well, so be it! I believe this is a very important issue which continues to linger with us. What is plan stamping? Plan stamping is a term generally used to characterize situations where plans and/or other documents representing engineering or land surveying were sealed by a registered professional engineer or land surveyor, but the work represented on the plan sheets or other documents was not actually prepared by or under that professional's personal supervision and complete direction and control. Plan stamping in Louisiana is a violation of Title 46 of the Professional and Occupational Standards of the Louisiana Administrative Code relating to rules for Louisiana professional engineers and land surveyors with one exception. That exception is the Louisiana professional engineer who may check and take professional responsibility for an out of state individual professional engineer, but he must have complete dominion and control of the design including possession of sealed and signed construction drawings and design calculations indicating all changes in design.

A majority, if not all, of member board states have provisions in either statutes, rules, or codes of ethics which generally prohibit professional engineers or land surveyors from sealing plans that are not prepared by the registrant or under his supervision and direct control. However, I suspect that there are some differences from state to state as to exactly what constitutes supervision and control. My personal belief is that it pays to have adequate statute or rule language spelling out what the terms "professional supervision and complete direction and control" really means. If this is unclear you may cause confusion for registrants as to what reference term actually means. In addition, a failure to occasionally publicize respective rule or statute strictions regarding this issue may lead registrants to form an opinion that this is not an issue of great importance or is not a problem area. It pays to have a general awareness of what is taking place within the boundaries of your state in this area. A failure to aggressively dress any related complaints may result in a proliferation of this type of violation.

In Louisiana plan stamping was not traditionally the number one violation in the first eight years of my tenure as the Board Investigator. From about 1984 to early 1992 we usually had about 4 or 5 complaints yearly alleging plan stamping violations had occurred. The average after investigation was that at least two complaints were found to be unfounded, two were resolved thru either a formal hearing or a consent order and one was dropped due to insufficient evidence to support formal charges. However, beginning in about April 1992 we started seeing an increase in the occurrence of cases of possible plan stamping. In 1992 alone we had over eight complaints of possible plan stamping. Most of these cases came from the State Fire Marshal's Office which reviews plans for life safety code compliance. From 1992 to 1995 we had a slow increase in such cases each year. From 1995 until the present we have opened at least 20 or more cases a year wherein the main allegation is plan stamping.

Is this an indication that there is a permanent trend towards an increase in plan stamping violations in Louisiana? Possibly, although I do not have all the statistics to support such a belief. Why is that so? In Louisiana it may be so because of an increase in the numbers of design and drafting businesses, many of which eventually cross the line from residential to light commercial design which may require plans to be sealed by an engineer or architect to get plans approved through a permitting agency. In many cases these drafters/designers have previously worked for engineers and architects. These former employers are asked to review and seal plans prepared by these draftsmen with the premise being that the engineer or architect knows their work and should be comfortable with a simple review and sealing of the work. Many acts of plan stamping occur when a registrant is trying to help out a non profit organization or church, but since his work is free or cut rate he does not spend the amount of time on the project that he would if this was a for profit project. Enforcement of rules or statutes prohibiting plan stamping is a must. Plan stamping violations also present a great risk to the public's safety. In Louisiana the plan stamper will, in most instances, be subject to disciplinary action of various degrees of severity following due process. I ask each of you doing professional work in Louisiana to review the rules found in Chapter 17 and Chapter 21 of the Board rules. These rules provide specific guidelines for the stamping of drawings. If you follow these rules, you will avoid allegations of plan stamping.

Your continued cooperation with the Board in this area will be greatly appreciated.

Professional Ethics

Professional ethics has become an integral part of the career of the modern professional. While professional ethics provides the foundation for the practice of engineering and land surveying, it is the Rules of Professional Conduct that provide the framework. These rules create very specific responsibilities for the licensee and must be implicitly understood.

Louisiana law required the Louisiana State Board of Registration for Professional Engineers and Land Surveyors to adopt Rules of Professional Conduct. **L.R.S. 37:698.B.** provides as follows:

The board shall adopt and promulgate Rules of Professional Conduct for all registrants and certificate holders as provided for in this Chapter, which shall be made known, in writing, to every applicant for registration, registrant, and certificate holder under this Chapter. The board may revise and amend these Rules of Professional Conduct for Professional Engineers and Land Surveyors from time to time in accordance with the Administrative Procedure Act, and shall forthwith notify each registrant and certificant, in writing or by a notice in the official journal of the board, of such revision or amendments.

Pursuant to this legislative mandate, the board promulgated Rules of Professional Conduct as **LAC 46:LXI.2101, et seq.** This paper does not attempt a complete review of the Rules of Professional Conduct. However, three very important concerns within these rules need to be discussed.

First, the Rules of Professional conduct are binding on all licensees: **LAC 46:LXI.2101.A.** provides as follows:

In order to safeguard life, health and property to promote the public welfare, and to establish and maintain a high standard of integrity and practice, the following rules of professional conduct shall be binding on every licensee. These rules of professional conduct deal primarily with the relationship between licensees and the public, and should not be construed as a substitute for codes of ethics of the various professional and technical societies.

Secondly, all licensees are deemed to be familiar with the Rules of Professional Conduct. **LAC 46:LXI.2101.B.** provides as follows:

All licensees under R.S. 37:681-37:703 as amended by Act 568 of 1980 are charged with having knowledge of the existence of these rules of professional conduct, and shall be deemed to be familiar with their provisions and to understand them.

Thirdly, all licensees possessing personal knowledge of a violation of the laws and rules of the board shall report such knowledge to the board. **LAC 46:LXI.2101.D.** provides as follows:

A licensee possessing personal knowledge of a violation of R.S. 37:681-37:703 or the board rules found in **LAC 46:LXI** shall report such knowledge to the board in writing and shall cooperate with the board in furnishing such further information or assistance as it may require.

A violation of the Rules of Professional Conduct could subject licensee to disciplinary action by the board. **L.R.S. 37:698.A.** provides as follows:

The board shall have the power by majority vote of its entire membership authorized to participate in a proceeding to suspend, refuse to renew, revoke the certificate, reprimand, place on probation, and fine in an amount not to exceed five thousand dollars, any registrant or certificate holder found by the board to be guilty of any of the following acts, provided fine shall not be available in cases of physical injury or death resulting from negligence in the practice of engineering or land surveying or in cases of conviction of a felony or entry of a plea of nolo contendere to a criminal charge, and provided further, that a two-thirds vote of its entire membership authorized to participate in the proceeding is required to take disciplinary action in a case of entry of a plea of nolo contendere to a criminal charge: - - -

(6) Violations of Rules of Professional Conduct for Professional Engineers and Land Surveyors, or any other rule or regulation adopted and promulgated by the board;

Thus, ethical responsibilities as codified in the Rules of Professional Conduct, should be considered a very serious matter by all licensees. An act or omission that violates the Rules of Professional Conduct could subject the licensee to very severe disciplinary action by the board, including suspension of the license to practice.

The Board believed this matter to be of such concern that it now requires each licensee to obtain one Professional Development Hour (PDH) of ethics each biennial registration renewal period. This requirement may be found in the new rules for Continuing Professional Development (CPD) which became effective January 1, 1999. (**LAC 46:LXI.2001 et seq**)

EXAMINATION SCHEDULE

Examination Type	Examination Date	Application Date
Principles & Practice of Engineering (8 hr):		
Civil (including Structural and Sanitary), Chemical	10/29/1999	08/02/1999
Electrical, Environmental, and Mechanical	04/17/2000	01/17/2000
(offered twice each year)	10/27/2000	07/31/2000
Agricultural, Control Systems, Industrial	10/29/1999	08/02/1999
Metallurgical, Mining, Nuclear and Petroleum	10/27/2000	07/31/2000
(offered once each year)	10/26/2001	07/30/2001
Principles & Practice of Land Surveying (6 hr)		
	10/29/1999	05/03/1999
	04/14/2000	10/18/1999
	10/27/2000	05/01/2000
LA Laws & Procedures of Land Surveying (2 hr)		
	10/29/1999	05/03/1999
	04/14/2000	10/18/1999
	10/27/2000	05/01/2000
Fundamentals of Land Surveying (8 hr)		
	10/30/1999	05/03/1999
	04/15/2000	10/18/1999
	10/28/2000	05/01/2000
Fundamentals of Engineering (8 hr)		
	10/30/1999	08/02/1999
	04/15/2000	01/17/2000
	10/28/2000	07/31/2000

Applications should be received by the Board not later than the date indicated (Application Date) in order to be considered for the respective examination. Note that the approximate interval between Application Dates and Examination Dates is 180 days for land surveying examinations and 90 days for engineering examinations.

The Board may schedule an applicant for an examination later than the examination requested by the applicant and cannot guarantee that the applicant will be scheduled for the examination initially requested.

An oral examination may be scheduled for Professional Land Surveyor applicants prior to any required written examinations.

An examination may not be required if you are applying for reciprocity registration.

Revised: March 24, 1999

- Board Meeting Dates -

May 24-25, 1999

July 19-20, 1999

September 27-28, 1999



Pending Legislation

By H. Glen Kent, Jr.
Executive Secretary

A cursory review of legislative bills filed this session reveals several bills which could effect the engineering and land surveying licensees of this state. The following list does not purport to be all inclusive and is provided strictly for "information purposes only" to the licensees of this board. Bills filed in the Louisiana House of Representatives are prefixed by "HB".

HB 1203 This bill amends L.R.S. 37:681 - 703 to revise various provisions of the engineers and land surveyors licensure law:

- §682 The name of the board will change to LAPELS.
The term "licensure" will be substituted for "registration."
- §687 This section will create a fourth board officer, i.e. treasurer
- §688 This section will clearly empower the Board to create licensure or renewal status.
- §693 This section better organizes the requirements for licensure. It specifies that an applicant must be an intern or qualify to be an intern before licensure.
- §698 This section amends the law to correct deficiencies revealed by past disciplinary matters.
- §699 This section will clarify the present disciplinary procedures of the Board by recognizing a complaint committee and a hearing committee.

HB 1204 This bill changes the definition of "practice of engineering" found in L.R.S. 37:682 to the NCEES Model Law definition. This bill has been deferred for this legislative session.

HB 1205 This bill also amends L.R.S. 37:681 through 703 to revise various provisions of the engineers and land surveyors licensure law:

§688 This section will clearly authorize the Board to administer examinations during competence inquiries if the board deems it necessary.

§693 This section will allow the board to license as professional engineers while also requiring it to designate any discipline approved by NCEES if required by state or local regulatory bodies. Specific exams required by the board will not be designated in the law but will be designated in the rules. This change allows flexibility to utilize future computerized or electronic exams.

§695 This section will clarify existing procedures to allow the board to recoup the actual cost of the fundamentals exam to reflect fee increases by NCEES.

§697 This section clarifies the powers of the board to discipline persons practicing engineering or land surveying who have an expired license.

§698 This section will clarify existing law to permit the board to fine a violator for each violation.

HB 1206 This bill revises minimum requirements for certification as a engineer intern as found in L.R.S. 37:693(B)(1)(b). It will allow licensure of related science and technology graduates who have obtained a graduate engineering degree from a university having an accredited undergraduate program.

HB 893 This bill requires licensing for any person acting in the capacity of a licensed home inspector. It exempts from licensure all licensed engineers acting within the scope of their license.



MESSAGE FROM THE CHAIRMAN...

Jorge M. Ferrer, P.E.

Looking back over the past six years, there is no question that we have seen important and substantial changes in and around the Licensure Board. There is no doubt in my mind that this process will continue to move forward as a joint effort of the Board members and staff, professional/technical societies and academia. As my six-year appointment to the Board nears conclusion, I like what I see, and with all the talent that exists in all levels of leadership in this group, the future looks even better. Time after time, I have seen this group in the most capable fashion turning concepts into programs, ideas into actions, and decisions into results for the benefit of the citizens of Louisiana.

I have come to know quite a few people who set a good example for us. These people have at a given time in their own way, shown character traits such as politeness, work ethics, progressiveness, tenacity, assertiveness, integrity, wisdom, leader-

ship, decency, generosity, compassion, warmth, and story-telling abilities. It is a great pleasure to work alongside honorable people. How fortunate we are to be a part of something that can make a positive difference in protecting the health, safety, and welfare of the public.

Over the next few months, I will concentrate my efforts toward activities such as improving the visibility of the engineering profession, exploring the viability of grouping all the different Bio-Engineering Programs into one discipline, so we can offer an exam (Bio-Process Engineering) and work with NCEES in matter of mutual concern.

I am confident that we are on the right path to make the Licensure Board stronger and more responsive so it can better serve the Engineering and Land Surveying Professions as well as the Public. Thanks again to all who have helped me make this a very rewarding experience and also for allowing me to serve.



LA State Board for Professional Engineers & Land Surveyors

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
obby E. Price, PE
Member
Richard E. Ruckstuhl, PE/PLS
Member
Iorgan 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

The Board's site on the World Wide Web contains the most current and useful information for the registrants. The address (URL) of the home page is <http://www.lapels.com>.

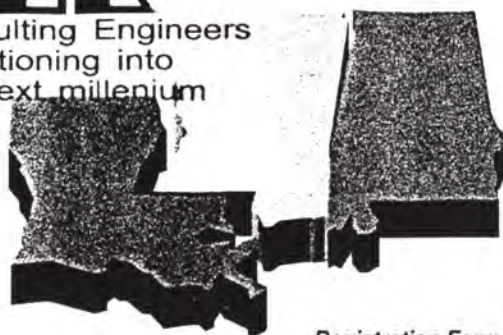
The information currently available includes:

- Contacts at the Board including names, functions and e-mail addresses
- Board Members
- CPD requirements and forms
- Current examination schedule
- Information about seals/stamps and firm applications
- Fee Schedule
- Law and Rules of the Board
- Firm application Instructions
- Law and Rules of the Board
- List of registered individuals and firms

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. By the end of the month we will have our own Web server with ISDN connections which would provide much faster connections.



Consulting Engineers
transitioning into
the next millennium



Consulting Engineers Council Alabama/Louisiana/Mississippi Tri-State Annual Meeting

Windemere Suites & Conference Center

Orange Beach, Alabama

July 8-11, 1999

Registration Form - Hurry registration deadline is June 25th!

Name: _____

Firm: _____

Address: _____

City: _____ State: _____ Zip: _____

If attending, please indicate: Spouse: _____

Children & Ages: _____

Guests: _____

CHECK ONE:

☐ Member ☐ Sponsor/Vendor ☐ Guest ☐ Other: _____

Member Registration- Includes registration fee and direct costs for: Thursday Reception; Friday & Saturday breakfast & breaks; Friday educational session, luncheon & breaks; Saturday boxed lunch, evening luau & entertainment. Cost: \$225

Spouse Registration - Includes registration fee and direct costs for Thursday reception & Saturday night luau & entertainment. Cost: \$75

Tickets:

Member Registration: \$225

Cost: _____

Spouse Registration: \$75

Cost: _____

Additional Event Tickets:

Thursday Reception - \$20 per additional adult

Quantity: _____

Cost: _____

Thursday Reception - \$10 per child

Quantity: _____

Cost: _____

Saturday Boxed Lunch - \$10 per person

Quantity: _____

Cost: _____

Sat. Deep Sea Fishing - \$130 per person

Quantity: _____

Cost: _____

Saturday Golf Tournament - \$65(cart & green fees):

Quantity: _____

Cost: _____

Handicap(s): _____

Saturday Night Luau & Entertainment - \$40 per additional adult

Quantity: _____

Cost: _____

Saturday Night Luau & Entertainment - \$20 per child

Quantity: _____

Cost: _____

Total due: _____

Registration Deadline is **June 25, 1999**. Refunds will not be given after June 30, 1999. You may be billed for all cost associated with your registration if you do not cancel by this date. Substitutions will be accepted. Fax or mail your registration to: CEC\Louisiana • P.O. Box 1549 • Baton Rouge, LA 70821 • Ph: (504) 927-7704 • **FAX: (504) 927-7779**



THE SPEC SHEET

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

CEC/L PARTICIPATES IN TRI-STATE MEETING

Consulting Engineers Council of Louisiana has teamed up with the Consulting Engineers Councils of Alabama and Mississippi to plan out a fantastic first-ever tri-state annual meeting. Held at the beautiful *Windemere Suites & Conference Center, Orange Beach, Alabama on July 8-11, 1999*, this meeting is expected to be one of the best ever. As you can see from the agenda, there will be plenty of fun and relaxation time sprinkled with a healthy mix of seminars and business meetings. We are offering two excellent seminars which will earn you a total of 6.5 PDHs. The Friday morning seminar will feature "Contract Negotiations" with DPIC's Dick Crowell. The afternoon seminar will deal with "Ownership Transition" and will be presented by Atlanta management consultant, Bill Peck. There will be a brief panel discussion following the presentation.

Incoming president of the American Consulting Engineers Council, **Leo F. Peters**, has committed to attend and install all state officers at the highlight of the entire event, the Saturday evening Luau. The dress for this and all functions is **CASUAL** (no ties!). We have even planned for golf and a chartered fishing trip on Saturday. For those who like to hit the malls, Windemere is near the big outlet mall in Foley.

Due to the limited number of rooms in the convention block, you are urged to make your reservations **AS EARLY AS POSSIBLE!** On a first-come, first-served basis, you will have your choice of the following room types (add 11% tax):

Windemere Condos & Conference Center

Gulf One-Bedroom Condos - \$135

Gulf Two-Bedroom Condos - \$180

Hampton Inn Hotel (Adjacent to Windemere)

Coastview Kings & Doubles - \$119

To make your reservations at Windemere or the Hampton, please call Group Reservations at 1-888-974-1120, ext. 1012 Monday - Friday, 8a.m. - 4p.m. Be sure to mention you will be attending the Consulting Engineers Council Annual Meeting in July (there's another meeting of engineers in May). The room block will be held until June 8, 1999.

Bring yourselves and your families and treat them to a few days of relaxation, fun, and a chance to meet and mingle with your peers from Alabama and Mississippi. **This will be one meeting you won't forget!**

VISIT OUR WEB SITE

CEC/L now has a web site. Check us out at **CECLA.ORG**. The site contains an updated membership directory, list of ACEC Fellows, Past Presidents, A.E. Wilder, Jr. Award recipients, Calendar of Events, and other good information. Let us know what you think about the site!



ACEC/EPA REGION 6 COMMITTEE MEETS

A committee of ACEC member consulting engineers and representatives of Region 6 of the Environmental Protection Agency met on February 5, 1999 at the EPA offices in Dallas. This committee has received high accolades from the EPA for its continued activities over a 25-year period and the development of a positive relationship between the engineers and the EPA staff. Topics which were discussed at the meeting included Water Program, Current Issues, Sanitary Sewer Overflow Policy and Regulations, Stormwater Requirements, Pipeline Projects, CBEP (Community Based Environmental Protection) Update, Nutrient Standards, Construction Grants/State Revolving Fund Update, Brownfields Program, and the Clean Water Action Plan Update. The two CEC/L members who serve on this important committee are Donald L. Richard, P.E., Domingue, Szabo & Associates, Inc., Lafayette, LA and Joe E. Roach, P.E., BALAR Associates, Inc., Shreveport, LA. The liaison committee meets on a quarterly basis with the next meeting being held in early May. If you are interested in receiving a copy of the committee minutes, please call the CEC/L office, (225) 927-7704.



ACEC NAMES RAYTHEON OFFICIAL AS NEW CHIEF

The American Consulting Engineers Council announced on March 9th that its board has picked **David A. Raymond**, Raytheon Engineers and Constructors International's corporate vice president for international sales and government relations, as the group's new executive vice president. Raymond, 51, took over ACEC's top staff job later in March, succeeding Howard Messner, who had been executive vice president for 12 years. Raymond headed Raytheon engineers' worldwide sales organization from 1994-1997. Previously, he was president of Ebasco Services, Inc., which was acquired by Raytheon in 1993. In the 1980s, he worked for Enserch Corp. and TAMS Engineers. Before moving to industry, he was founding director of the U.S. Trade and Development Agency, which he headed from 1980 to 1981.

 Consulting Engineers Council

PLEASE SEE THE FOLLOWING PAGES FOR YOUR REGISTRATION FORM AND AGENDA.

TRI-STATE ENGINEERING SOCIETIES MEETING

REGISTRATION FORM

Name : _____

Mailing Address: _____

City, State, & Zip: _____

Please check the state society you are a member of: AL ☐ FLA ☐ LA ☐ MS ☐ ARK ☐

No.	\$ EA.	Total
_____ AES, LES, MES, FES Member Registration	\$85.00	_____
_____ Non Member Registration	\$135.00	_____
_____ Student Member Fee	\$35.00	_____
_____ Banquet (Check for Heart Healthy ☐) (No. ☐)	\$35.00	_____
_____ Golf Tournament	\$75.00	_____
_____ Tennis Tournament	\$20.00	_____
_____ Transportation to Outlet Mall	\$20.00	_____

Total Payment Enclosed \$ _____

For further information: ASPE (205) 934 8471 MES (601) 366 1312 LES (225) 924 2021

Make checks payable to "Louisiana Engineering Society." LES is the coordinating society for the 1999 meeting. Mail checks and registration form to:

Louisiana Engineering Society
9643 Brookline Ave, Suite 116
Baton Rouge, Louisiana 70809

Registration fees must accompany this form. No refunds after May 22th.

A GREAT VALUE: REGISTRATION FOR 1 - 4 DAYS IS THE SAME PRICE

The intent of having a joint meeting at Sandestin is to have a family vacation while you also conduct society business and attend continuing education classes. With the addition of the State Societies from Alabama and Mississippi, we can share resources, expertise and provide a more varied educational experience.

We are planning addition activities if there is sufficient interest. Please indicate if you would be interested in participating in any of the following:

Spouses' Brunch at Seaside. Seaside is a turn-of-the century styled community East of Sandestin. Bus travel could be arranged with reserved dinning. ☐ YES, ☐ NO

Sandestin has suggested a spouses' outing to a local state park with box lunch. ☐ YES, ☐ NO

Kid's Night Out on the Beach. Activities and BBQ on the beach at the same time as banquet. ☐ YES, ☐ NO

BBQ on the beach for the family on Wednesday night. ☐ YES, ☐ NO

Your suggestion for additional activities, or for classes you would like to have conducted. Here is another opportunity to let us have your thoughts.

Join us June 20-23 at Sandestin resort, Destin, FL.



HOUSING REQUEST FORM

Welcome to Sandestin! We invite you to
enjoy our 2,400 acres of Resort facilities.
The Sandestin staff extends a warm welcome.
We are committed to doing everything
possible to make your stay a memorable one.

Please fill out the form below and FAX to:

Sandestin Resort
Group Reservations
FAX: 1-850-267-8221

Or Mail to: Sandestin Group Reservations
9300 Hwy. 98 West, Destin, FL 32541

1999 TRI-STATE ENGINEERS MEETING

Sunday, June 20 - Wednesday, June 23, 1999

GROUP CODE: LAENG99

Name _____ Number in Party: Adults _____ Children _____

Company Name _____ Business Phone _____

Address _____

City _____ State _____ Zip _____

Sharing With _____

Arrival Day/Date _____ Departure Day/Date _____

Please select method of payment:

Credit Card # _____ Exp. Date _____ Signature _____ Check # _____

Your cut-off date for reservations is MAY 6, 1999, after which rooms will be sold on a space-available basis.

ACCOMMODATIONS AND RATES

Please circle your choice of accommodations. A deposit of two night's room and tax is required to secure rooms.

	<u>Daily</u>	<u>Mini-Week</u>		<u>Daily</u>	<u>Mini-Week</u>
Inn-Resortview	\$135	\$487	Bayview-3 Bdrm.	\$343	\$1,239
Inn-Bayview	\$145	\$520	Beachside-Suite	\$223	\$800
Inn-Suite	\$180	\$668	Beachside-1 Bdrm.	\$250	\$900
Bayside-1 Bdrm.	\$180	\$652	Beachside-2 Bdrm.	\$362	\$1,304
Bayside-2 Bdrm.	\$214	\$772	Northside-2 Bdrm.	\$205	\$739
Bayside-3 Bdrm.	\$284	\$1,007			

Any other type of accommodation besides what is in your block will vary in cost depending on location and occupancy. All rates quoted **DO NOT** include 7% sales tax and 2% bed tax.

Deposits are refundable in the event of individual room cancellations, provided notice is received by Sandestin 14 days prior to scheduled arrival date. The Inn receives daily Housekeeping services.

Sandestin offers something for everyone!

Golf • Tennis • Bikes • Dining • Salon/Day Spa • Health Club • Swimming • Beaches • Shopping

Tuesday, 10:00 a.m.***Dynamic Evaluation Methods for Driven Piles and Drilled Shafts Foundations* by Mohamad H. Hussein, P.E. 1-2 PDHs**

Deep foundations are used to support many types of structures such as buildings, bridges, towers, and offshore oil installations. They are of two major types: driven piles and drilled shafts. Driven piles are prefabricated elements installed with a pile-driving hammer. Drilled shafts are cast-in-place reinforced concrete members. Modern design and evaluation methods include dynamic computer-based analyses and field electronic testing procedures. These methods constitute a comprehensive and economical means for the structural and geotechnical engineers to utilize on deep foundation projects. Preconstruction Wave Equation Analysis is performed for assessing the dynamic compatibility of the hammer-pile-soil system in order to evaluate pile driveability and establish installation criteria. Field measurements, on-site data processing and real-time analysis produce results that include driving system performance, dynamic pile stresses and structural integrity, and pile load bearing capacity. Testing may be performed on driven piles, or drilled shafts. This paper presents discussions on deep foundations dynamic evaluation analytical methods, testing procedures, applications, limitations and illustrative case histories.

Tuesday, 11:00 a.m.***Erosion Control Design & Applications Using ACB's* by Doug Trangsrud 1 PDH**

Engineers have to implement erosion control measures in all areas of engineering design that they encounter on a daily basis, and the range of protective options is growing in this relatively new industry. This seminar will touch on the applications and the implementations of design of hard armament, namely articulated concrete block (ACB) revetment systems.

Wednesday, 7:30 a.m.***Space Shuttle Experiments* by Barry Andrews, P.E. 1 PDH**

Dr. Andrews will talk about his experiments that have been carried out aboard NASA's space shuttle, and the preparations required for a launch. Videos will be shown demonstrating work on both the Shuttle and NASA's KC-135 Zero-G Aircraft.

***Trenches and Excavations* by Bruce Magee 1 PDH**

A discussion on the OSHA requirements for engineered systems relative to underground construction to include sloping, benching, shoring, and the involvement of a Registered Professional Engineer. Understanding the OSHA standard with special emphasis on the responsibilities of the Registered Professional Engineer.

Character Counts* by Tom Holtzclaw, P.E. 1 PDH*Wednesday 8:30 a.m.*****Adaptive Aerostructures* by Ron Barrett, Ph.D. 1 PDH**

This hour-long lecture is a highly condensed version of a two-day short course on adaptive aerostructures. The course starts with basic adaptive materials types, specifically, shape-memory alloys (SMAs), magnetorheological (M-R), electrorheological (E-R), magnetostrictive, electrostrictive and piezoelectric materials. The fundamentals of material processing and post processing along with electrical control and structural integration fundamentals will be presented. An overview of applications, design and analysis techniques for adaptive jet engine and airframe components, flight controls, missiles, uninhabited aerial vehicles (UAV), helicopters and munitions will be put forth. The lecture is rounded out with a discussion on environmental and maintenance considerations as well as future trends within regulatory agencies, funding sources and active projects in industry. Experimental demonstrations to be shown during the lecture include: SMA, M-R and piezoelectric materials, adaptive wings, missile fins and UAV stabilators. Following the presentation, each attendee will be given samples of SMA, piezoelectric ceramic and M-R fluid for future study.

***Advances in Circuit Breaker Trip unit Protection and Metering* by John Culligan 1 PDH**

Following the electrical industry's emphasis toward improved power quality an integrated system protection, circuit breaker trip units have incorporated advanced microprocessor-based metering and protective relaying features. This capability may allow users to incorporate many of these functions typically performed with several discrete devices, into a lower cost and more integrated solution, while improving the power quality and reliability of the electrical system.

***The Use of Visual Aids in Presentations and Meetings* by Theodore H. Thompson, P.E. 1 PDH**

A class providing tips on the use of visual aids in meetings and presentations. Visual aids should enhance and aid the speaker in presenting his/her information and not detract from the credibility of the presenter. These tips are gathered from a number of lessons learned from many speakers and serve as a guide and aid for the participant in improving their presentations.

Monday, 9:00 a.m.***Ethics* by Glen Kent, Jr., P.L.S. 1 PDH**

A discussion of Louisiana Board ethics requirement for registration renewal and common violations observed in Louisiana which prompted the inclusion of this requirement into the Board rules.

***Claims & Risk Management for the new Millennium* by John Raynor, CPCU, AIC 1 PDH**

The Speaker will address state-of-the-art claims handling processes with emphasis on preparing in advance for claims and their impact on your organization; your bottom line and the psychological impact on your organization. He will discuss the theoretical and practical aspects of Risk Management and Claims handling.

Monday, 10:00 a.m.***Modifications in Lagoon Design to Improve Treatment and Capacity* by Dennis D. Truax, Ph.D., P.E., DEE 1 PDH**

Lagoons remain the mainstay of wastewater treatment at municipal, commercial and industrial facilities. Yet, only minor research on these systems has occurred since early 1980. This seminar overviews alternative pond systems with case studies.

***Use of Value Engineering in the Design and Construction Industry* by Charles R. McDuff, PE, CVS, CCE 1-2 PDHs**

This is to be a two-hour presentation which will review Value Engineering, some of the recent and very successful applications, and some of the evolutionary directions VE is taking in the industry. Some of the Basic Tools in the VE tool bag will be reviewed. There will ample time for questions by participants.

Monday, 11:00 a.m.***Applications of Ground Granulated Blast-Furnace Slag in Concrete* by Mark Luther, M.S. 1 PDH**

This session lists and describes the key applications where cementitious material ground granulated blast-furnace slag (GGBFS) concretes are used. Although not applications, per se, some specific motives for the selection of GGBFS concretes are detailed. Among the applications and motives for the use of GGBFS concretes are the following: Improved finishing and workability, Higher strength, Whiter concrete, Sulfate resistance; chemical resistance, Lowered heat for mass concrete, and Lowered permeability.

Tuesday, 9:00 a.m. & 10:00 a.m.***Wetlands Permitting #1 and #2* by Ronald A. Krizman, Brad Gane, and Lt. Col. Jim White 1PDH**

A panel of regulatory officials and a moderator will present a program on wetlands permitting. Each panelist will make an opening statement and the moderator then will take questions from the audience.

Tuesday, 9:00 a.m.***Should the Master of Science Degree by the First Professional Degree?* By Dr. J. David Waugh, P.E. and Dr. Bobby E. Price, P.E. 1 PDH**

The pros and cons of the proposal to have the Master of Science degree by the first Professional Degree to allow engineers to become licensed professional engineers will be presented by the two speakers to stimulate discussion on the topic.

Tuesday, 9:00 a.m. through 12 Noon.***Design Construction Responsibilities* by Richard S. Gabrielse, P.E. and Jeffrey M. Bross, P.E. 1-3 PDHs**

A Task Force was formed to address the issue of Risk Allocation in the delivery projects. It proceeded under the assumption that the construction process is a normally inherently risky experience. It further assumed that if judiciously managed, risk can be controlled if it is appropriately assigned to the party or parties best equipped to handle its' various facets.

***Assignment of Risk in Construction Specifications* by Gary Warner**

The issues being discussed will be uninsurable and or unfair requirements assigned the contractor throughout the specification terms and conditions. Also being discussed will be the lack of willingness and understanding of the problem on the part of the Owner/Engineer/Architect. Eight problem areas being covered will be: Indemnity agreements, patent clause, performance standards, design requirements, differing site conditions, time extensions and proper compensation, insurance requirements, and asbestos and hazardous waste removal. Possible solutions will be given for these problems.

***Construction Law* by Mark L. McAlpine**

His primary focus is construction law and related matter, including business formation, transactions, contract formation, negotiation, employment law and dispute resolution.

IN-STATE ENGINEERING SOCIETY MEETING

CONTINUING EDUCATION SEMINARS

Sandestin Resort, Destin, FL 20-23 June 1999

Sunday, 1:00 p.m.

***Project Management for the Young Engineer* by Christopher Richard, P.E. 1 PDH**

This session will detail the management of a project, from inception through completion, and typical pitfalls to avoid along the way. The attendee will gain useful insight into successful project management.

***Traffic Nightmare* by Bob Canfield 1 PDH**

A serious and not-so-serious look at our traffic problems and solutions for the 21st century.

Sunday, 1:00 p.m. & 3:00 p.m.

***Implementation Of Continuous Risk Management At NASA's Marshall Space Flight Center* by Dr. C. Herbert Shivers, P.E. 1 PDH**

NASA has begun emphasis of formal Risk Management processes as a part of an overall focus on improving Program and Project Management. This presentation covers policy, requirements and the implementation approach.

Sunday, 2:00 p.m.

***Construction Safety* by Roger D. Melancon, P.E. 1 PDH**

Class will cover OSHA requirements, the value of safety planning and partnering, and the scheduling and conducting of safety meetings.

***Case Study of ISTEAFunded Greenway Project* by Stephen L. Walker, P.E. 1 PDH**

A fairly comprehensive review of a successful project from conception through design and construction. Will concentrate on lessons learned, successes, shortcomings, etc. with the intent of offering the benefits of my experience with this rather unconventional type of project. Will include slides and other instructional aides.

***Time Management* by Theodore H. Thompson, P.E. 1 PDH**

A multi-media overview of Alan Leikens principles of time management to assist you in managing your most valuable resource: Time.

Sunday, 3:00 p.m.

***What Everyone Should Know About Portland Cement Concrete* by Robert Varner, P.E. 1 PDH**

An overview of technical information related to and influencing the quality of concrete construction. Included in this presentation is a brief review of such topic areas as: the manufacture of Portland cement and the constituents of Portland cement concrete; relationships related to water/cement ratio, slump, curing, temperature and concrete strength characteristics; and common concrete finishing problems encountered in everyday construction. This presentation will also present innovative applications of concrete in construction for DOT's municipality and residential construction.

***Meeting Management* by Theodore H. Thompson, P.E. 1 PDH**

A multi-media presentation on how to overcome, what many consider, the worst time-waster: Meetings; and how to conduct more efficient and effective meetings.

Sunday, 4:00 p.m.

***Brownfields and Risk-Based Remediation in Mississippi* by Jere "Trey" Hess, P.E. 1 PDH**

The session will include an overview of the voluntary cleanup and redevelopment of Brownfields in Mississippi. It will begin with a discussion of risk-based remediation requirements necessary for evaluating human health and environmental risks specific to a contaminated site. The session will conclude with a discussion of the administrative and procedural requirements of the Brownfields Regulations.

***Properties of Ground Granulated Blast-Furnace Slag* by Mark Luther of Holnam, Inc. 1 PDH**

This session reviewed the basic properties of the cementitious material ground granulated blast-furnace slag (GGBFS). Topics addressed include: terminology, How GGBFS is made, Specifications, Shipping and handling of GGBFS, Concrete proportioning considerations, Plastic concrete properties, and Hardened concrete properties.

***Plastic Pipe & Design* by R. Michael Batie, P.E. 1 PDH**

This session will review the principles of flexible pipe design, pipe installation procedures, and various applications of High Density Polyethylene Pipe and related HDPE products.

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Sandestin Resort

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June 20-23, 1999

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Tentative Agenda

Sunday, June 20

MES Board Meeting (9-11am)
Registration (9-5pm)
Seminars (1-5pm)
Welcome Reception/Hospitality (6-8)
Volleyball (6-8)

Monday, June 21

Continental Breakfast (7-8am)
Committee Meetings (8-9)
Ethics Seminar (9-10)
Student Papers (8-12)
Seminars (9-12)
Membership Lunch (12-1:30pm)
Family Time (1:30-6)
Banquet (6-9:30)

Tuesday, June 22

Continental Breakfast (7-8am)
Alabama Mathcounts Meeting (8-9)
Committee Meetings (8-9)
Seminars (9-12)
Outlet Mall Trip (9-12)
Golf/Tennis Tournaments (12-5)
Family Time (12-)

Wednesday, June 23

Seminars (7:30-9:30am)
Awards/Door Prizes (9:30)
AES, LES Board Meetings (10:30-12)
Beach Volleyball (12-3)
Sand Castle Building Contest (12-3)
Family Time (12-)

Registration Includes

Welcome Night Reception
2 days Continental Breakfast
Membership Lunch
Exhibit Hall Access
Continuing Education Seminars
Practice Division Meetings
Committee Meetings
2 complimentary drinks

Optional Events

Golf Tournament
Tennis Tournament
Outlet Mall Trip
Beach Volleyball
Sand Castle Building Contest
Spouse's & Children's Activities
(Check at Registration Booth upon arrival)

Sandestin Activities

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and Sugar White Beach

AL/LA/MS SUMMER MEETING

JULY 8 - 11, 1999

THURSDAY, JULY 8th

AL Executive Committee Board Meeting	1:00 - 6:00 p.m.
MS Executive Committee Board Meeting Hampton	4:00 - 6:00 p.m.
Opening Reception Hampton Atrium	7:00 p.m.

FRIDAY, JULY 9th

Continental Breakfast Windemere Conference Center	7:45 - 8:30 a.m.
Morning Seminar Contract Negotiations Speaker - Dick Crowell with DPIC	8:30 - 11:30 a.m. (3 pdh hours)
Lunch - Buffet Style	11:30 a.m.
Afternoon Seminar Ownership Transition with Panel Discussion Speaker -	1:00 - 4:30 p.m. (3.5 pdh hours)

Friday evening dinner - on your own

SATURDAY, JULY 10th

Breakfast - Speaker Leo Peters - ACEC President	8:30 - 9:30 a.m.
AL General Membership Meeting	9:30 - 11:00 a.m.
MS General Membership Meeting	9:30 - 11:00 a.m.
LA Board Meeting	9:30 - 11:00 a.m.
Lunch - Box lunches Windemere Conference Center (Included in member registration. Additional lunches available for fee).	11:00 a.m.
Golf - (The Peninsula)	11:30 -
Chartered Fishing	11:30 -
Saturday Evening Luau Officer Installations for AL/LA/MS - Leo Peters	7:00 - 10:00 p.m.

SUNDAY, JULY 11th

Checkout at 11:00 a.m.

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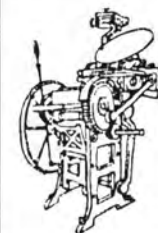


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<http://www.senate.state.la.us>, or to
<http://www.house.state.la.us>.

Dr. Leslie K. Guice, Dean



Dr. Leslie K. Guice, P.E., was recently appointed Dean of the College of Engineering at Louisiana Tech University. Dr. Guice, a professor of civil engineering, had served as interim dean of the college since July 1, 1998. Dr. Guice is the 15th person to head what began at Tech as the department of mechanics in 1894-now a nationally recognized program that has placed graduates in every state and most foreign countries while pioneering research in fields such as biomedical engineering, micro manufacturing and trenchless technology.

Dr. Guice was awarded the Bachelor of Arts degree in Architecture and the Master of Science in Civil Engineering from Louisiana Tech University.

He earned his Ph.D. in Civil Engineering from Texas A&M University. He is a registered Professional Engineer in Louisiana. Dr. Guice became a civil engineering faculty member of Louisiana Tech University's College of Engineering in 1978. In 1989, he was named Head of the Civil Engineering Department. Also in 1989 he co-founded Louisiana Tech University's Trenchless Technology Center and has been involved in many of its management, research and out-reach activities. Dr. Guice has been an active leader in restructuring activities in the College and has served in various administrative capacities as the College has undergone its transition. He has played significant roles in refining the College's mission and vision as well as in developing and implementing strategic plan.

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★ **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 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, 1999, and one ending December 31, 1999.

The LES Nominating Committee nominates Don A. Durr, Jr., P.E., Shreveport, for the June 30 position and Ali M. Mustapha, P.E., Shreveport, 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, 9643 Brookline Ave., Suite 116, Baton Rouge, LA, 70809, by **June 25, 1999**. 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, 1999 - June 30, 2000)

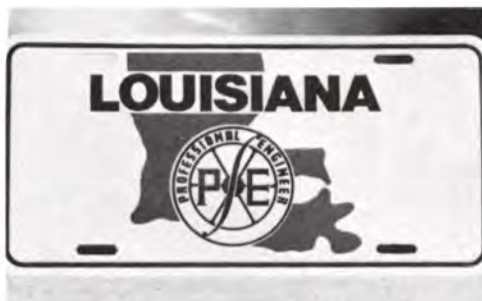
☐ Don A. Durr, Jr., P.E., Shreveport, LA

☐ For write-in candidate

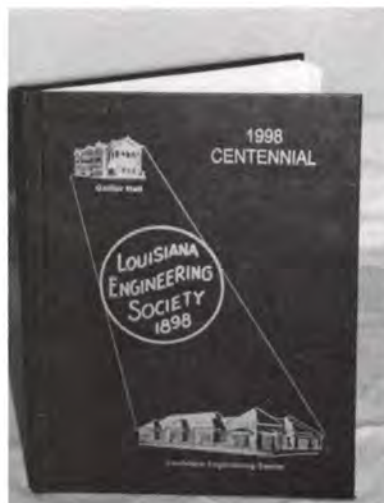
POSITION TWO (Term January 1, 2000 - December 31, 2000)

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☐ For write-in candidate



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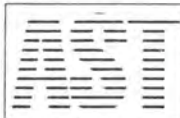
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- A lengthy discussion took place regarding LES' role in CPD. John Plaisance stated that he would appoint an ad hoc committee to investigate the feasibility of implementing a state PDRES, similar to the one NSPE has.
- Steve Brown asked John Plaisance to appoint a task force to work with the legislature to develop and submit the rules and procedures, to develop model law to be prepared and to submit criteria to determine if Design/Build is appropriate. John Plaisance appointed Steve Brown as chairman and stated that PEPP, PEC and PEG appoint one person to serve on the task force.
- Ted Thompson stated that there may be an expense for getting speakers to go to Sandestin. John Plaisance suggested that Alabama and Mississippi share in the cost of the speakers.

Moved by Ted Thompson, seconded by Steve Brown to allow Brenda Gajan and Ted Thompson to spend up to \$1,500 on CPD speakers for the Sandestin meeting, with additional funds being approved by the Executive Committee and any profit made from the meeting will be paid back to the CPD fund, motion carried with one nay.

- Ted Thompson stated that UAB would be hosting a Student Paper Contest and a discussion took place on a monetary award. Ted Thompson moved that Louisiana's portion be \$600, taken from the Education Fund and used towards increasing the award, motion not carried, by lack of a second. Ted Thompson moved, seconded by Roger Melancon that Louisiana put up \$100 from the Education Fund for prize money for the student competition in Florida, motion carried. Phil Meyers moved, seconded Billy Moore to commit \$200 per Louisiana contestant, if invited to present their student paper, motion carried with one nay.

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Board of Direction Meeting February 25, 1999

New Business

- Bobby Price reported on regarding the NSPE meeting in Atlanta. Bobby announced that Art Schwartz has returned to NSPE as legal counsel. Bobby Price also announced that the next meeting is in Spokane Washington on July 15-20, 1999.
- John Plaisance reported on the new NSPE membership category grades and stated that he will send these to the Constitution & By-Law Committee for review and recommendations concerning changing the LES membership grades.
- Several motions were made by the CPD Committee as follows:

Motion #1 from the committee read, we move that members of the Ethics Committee review all course (topic) submittals forwarded to LES, with any three votes needed for approving the course/sponsor. A lengthy discussion took place. An amendment was made that a CPD Committee consisting of 5-9 members review all course (topic) submittals and forward them to LES, with any three votes needed for approving the course, amendment approved. Motion #1 as amended, carried.

Motion #2 from the committee read, the CPD Committee moves that the enclosed CPD Review and Registration Fee Schedule be adopted. A lengthy discussion took place concerning the fee schedule. An amendment was made that the fee schedule be revised concerning 3rd Party Registration Fees, LES Review will be \$0 per subject/company for 1999 and LES/NSPE registration will be \$100 per subject, amendment approved. Motion #2 as amended carried.

Motion #3 from the committee read, the CPD Committee moves that a member of the Executive Board and a member of our staff be granted that authority to meet with LSU continuing education representatives and negotiate a partnering and registration fee agreement, motion carried.

Motion #4 from the committee read, the CPD Committee moves that Brenda Gajan negotiate with our "web master" to provide the following additional web pages with appropriate links: (1) LES Sponsored Courses, (2) LES Reviewed Courses (Non Sponsored), and (3) LES has no objection to the following classes, motion carried.

Motion #5 from the committee read, the CPD Committee moves that LES purchase additional NSPE educational materials to provide to chapters for CPD meetings. A discussion took place concerning additional educational materials. An amendment was made to delete the word NSPE, amendment approved. Motion #5 as amended carried.

Motion #6 from the committee read, the CPD Committee moves that a request be made to NSPE to purchase the PEPP videos for use in chapter-conducted seminars, motion carried. John Plaisance instructed Ted Thompson to negotiate with Steve Brown, NSPE/PEPP Chair, the review and purchase of PEPP Professional Development Courses.



Motion #7 from the committee read, the CPD Committee moves that a page of the LES magazine be devoted for at least one year to explanations of the CPD rules and how to achieve compliance, motion carried.

Motion #8 from the committee read, the CPD Committee moves that LES adopt the Qualification Requirements for Course Sponsors developed by the LAPELS Board, motion carried.

Motion #9 from the committee read, the CPD Committee moves that the expense of maintaining and developing CPD records and courses at the LES offices be transferred from CPD account to the LES general fund. After a lengthy discussion, motion was tabled with one day.

The CPD committee recommends that the Practice Division develop educational programs to be used by the chapters conducting monthly meetings and/or additional seminars. Additional effort needs to be conducted on locating "canon" lessons from other sources and in developing their own.

♣ Lafayette Chapter ♣

No Report

♣ Lake Charles Chapter ♣

*by Edward Lanier, P.E.
Lake Charles Chapter President*

The Lake Charles Chapter hosted another successful MathCounts Regional Competition at McNeese State University on February 27, 1999. Approximately 100 Mathletes from 13 area schools competed. Our MathCounts Coordinator, Dan Holder, did another great job.

We celebrated Engineer's Week on April 15th this year. We presented our fortieth annual LES award to the outstanding engineering senior at McNeese. We were delighted and enlightened by our main speaker, Robert C. Lasater, P.E. Mr. Lasater spoke on the "Consequences of Environmental Legislation". Awards were also given to McNeese students for engineering projects. The projects included Civil, Mechanical, Chemical, and Electrical disciplines. The Outstanding McNeese Engineering teacher was recognized for excellence.

We will be honoring our past chapter presidents at a crawfish boil on April 30, 1999.

♣ Monroe Chapter ♣

*by Stanton Huey, Jr.
Monroe Chapter President*

This May's meeting will be our last Monroe Chapter meeting until the September meeting. Our Annual Meeting will be a Tri-State meeting from June 20th to 23rd and will be held in Destin, Florida. Twelve hours of continuing professional development will be available at this meeting.

Our new officers are:

President: James H. Henry, P.E.
First Vice President: Kevin E. Crosby, P.E.
Second Vice President: Ryan Spillers, E.I.
Secretary-Treasurer: David Leslie, E.I.

The following three events are being planned for later this year:

1. A Scramble Golf Tournament to be held this spring or fall. Paul Fryer P.E., will be in charge of this golf tournament. We decided that a Scramble Tournament will be more fun and less pressure than a Four Ball Tournament.
2. Reserve a block of seats at the NLU-Louisiana Tech football game and having a Tailgate Party before the game. Mark Valentine, will be in charge.
3. Attend a Hockey Game. Paul Fryer, P.E. will be in charge.

♣ New Orleans Chapter ♣

No Report

♣ Shreveport Chapter ♣

No Report

F. Miller & Sons, Inc. Named 1999 Construction Award Winner

The Professional Engineers in Construction, a division of the National Society of Professional Engineers, has named F. Miller and Sons, Inc. of Lake Charles, Louisiana, its Construction Professional Development Award winner for 1999. F. Miller & Sons was nominated for the NSPE Construction Professional Development Award by the Louisiana Engineering Society. The award will be presented at NSPE's Annual Convention and Exposition in Spokane, Washington in July.

F. Miller & Sons, Inc. is a family owned construction firm, well rooted in the Lake Charles community. The Miller family has been in the contracting business in Lake Charles ever since Titus Miller, grandfather of today's president, Joe T. Miller, moved his contracting business here from Galveston, Texas, following its disastrous hurricane of 1900. The present day F. Miller & Sons began operations in 1953.

F. Miller & Sons is a general contractor providing construction services to local industries, government agencies and commercial enterprises. Its wide range of construction projects includes buildings, locks, dams, docks, sewage treatment plants, water treatment plants, underpasses, bridges, overpasses, interstate highways and marine.

The Miller firm has three licensed professional engineers and an engineering intern on its staff and has an in-house methods design and planning section, safety and risk management program, computerized estimating, and the latest scheduling and control systems.

The NSPE Professional Development Award is presented annually in three engineering practice areas: construction, industry, and private practice, to employers of engineering personnel who have made an outstanding contribution to the advancement and improvement of the engineering profession through their employment practices. This award reflects NSPE's desire to publicly and nationally honor an organization that has shown outstanding achievement in adopting and implementing progressive, professional employment policies for its engineering personnel.

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SOCIETY NEWS • SOCIETY NEWS

NEW MEMBERS

Alexandria Chapter

Brian Steven Hyde, P.E.

Baton Rouge Chapter

Todd Rigby, E.I.

Robert M. Turner, P.E.

Damien L. Singleton, E.I.

Yongqi Li, P.E.

Julie E. Taylor, E.I.

Bayou Chapter

Stephen Thibodeaux, P.E.

Lafayette Chapter

Paul Joseph Darby, III, P.E.

Lake Charles Chapter

Kok-Keong Yeow

Monroe Chapter

Aziz Saber, P.E.

New Orleans Chapter

Craig G. Haydel, P.E.

Rebecca Breenan, E.I.

Ali H. Chehab, E.I.

Durwin Farlough

Thomas Lanigan, P.E.

Shreveport Chapter

Jeron Rogers, P.E.

Winston H. Holley, P.E.

K. Randal Smoak, P.E.

Richard Allen Murdaugh, P.E.

and financially sound. That always makes ones job a lot easier. I also would like to thank my board who were always there and responsive to my requests promptly. They all did outstanding jobs with the duties and I know I leave the Chapter in good hands. The Chapter enjoyed many highlights during the year which included a golf tournament, University student function, Christmas party, E-week banquet, 1st and 3rd place teams in State Mathcounts, numerous scholarship presentations and informative monthly meetings.

As Chapter president I also got to attend the State Board meeting which was enjoyable and from the meetings I know that the organization has strong leadership which will serve us well in the future. I encourage all members to get involved because the organization has a lot to offer its membership.

Thanks again to all for the opportunity and I hope I served you well.

♣ Bayou Chapter ♣

No Report

♣ Alexandria Chapter ♣

*by Marty Paulk, P.E.
Alexandria Chapter President*

Our March monthly meeting included a seminar on the topic "Building with Trees". Topics of discussion included the value of trees, how trees are damaged, and how to preserve existing trees during the construction process. The seminar was conducted by Mr. Darren Green, a local Landscape Architect.

Our chapter hosted the 1999 State MATHCOUNTS competition on March 19th and 20th with 23 teams and 4 individuals competing. The State competition went very smoothly thanks to the efforts of our state and local MATHCOUNTS committees and numerous volunteers. Friday's events included engineering displays on electricity, bridges, mechanical physics and also included an egg drop contest. The egg drop contest was a smashing success. Three teams were able to drop their egg from the first floor of the parking garage without breaking their egg. Thanks to all who volunteered their time to make MATHCOUNTS possible.

April activities included our spring crawfish boil and officer elections which were held on Friday, April 23rd. Our final luncheon meeting and CPD seminar for the year will be held on Wednesday, May 19.

♣ Baton Rouge Chapter ♣

*by Alan Krouse, P.E.
Baton Rouge Chapter President*

Looking back on this past year, I am humbled by the honor and privilege it has been to serve as the Baton Rouge Chapter president. As I leave this office, I have to thank the past president, Phil Meyers, for leaving this Chapter well organized

♣ CALENDAR OF EVENTS ♣

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Journal* to: Editor, 9643 Brookline Ave., Suite 116 Baton Rouge, LA 70809.

May

6 Chapter Officers & Committee appointments due to State Office

13-16 MATHCOUNTS National Competition - Washington, DC

June

20-23 LES Tri-State Meeting - Sandestin Resort

July

15-20 NSPE Annual Meeting - Spokane, Washington

15 Deadline for copy, Louisiana Journal, August Issue

*P*RESIDENTIAL PRIVILEGE

John J. Plaisance, II, P.E. • President
Louisiana Engineering Society



Time flies when you're having fun. This is my last article as president of the Louisiana Engineering Society. So much has changed over the last twelve months. We began this year at our Centennial celebration in New Orleans. In January, we again gathered in New Orleans for our 3rd Annual Joint Engineering Conference. We will close this, our one hundred and first year, in June at Sandestin Resort/Destin in a joint meeting with the Mississippi and Alabama engineering societies. I hope to see you there.

You hold in your hands one of the biggest changes that we have made this year. This is the fourth issue of the Louisiana Journal of Engineering and Surveying. This magazine is a joint venture between LES, the Louisiana Society of Professional Surveyors, and the Louisiana State Board of Registration for Professional Engineers and Land Surveyors. There have been some hurdles to cross when putting this together, but I believe all three groups are working to better serve our members.

Mandatory continuing professional development for professional engineers began in January of this year. The LES Board of Direction has implemented policies to help our members deal with this change. Be on the lookout for LES sponsored seminars in a location near you.

Also in January, LES moved in to the new Louisiana Engineering Center in Baton Rouge. The Louisiana Engineering Foundation, the Louisiana Society of Professional Surveyors, and the Consulting Engineers Council of Louisiana have joined us there. The Louisiana State Board of Registration of Professional Engineers and Land Surveyors should be moving in before the end of the year.

In February, engineering communities around the state celebrated Engineers' Week. The Louisiana Engineering Society also began its part in the annual MathCOUNTS com-

petition. Thanks to everyone who participated in this endeavor, whether as a competitor, coach, volunteer, or sponsor. Congratulations to Glasgow Middle School in Baton Rouge and their coach, Claudia Allums, for winning the state competition held in Alexandria. Congratulations also to Jialing Xu, a student at Glasgow Middle School, for winning the individual competition at the state level. Good luck to those advancing to the national competition.

We had a light legislative agenda this year. We assisted the State Board of Registration draft legislation to clean up their law. The session is not over as I write this in mid April, but it looks good that the legislation will pass.

In the spring, we undertook a random polling of our membership. Thanks to all of you who have participated in our survey. Thanks, too, to those of you who helped contact the respondents. We will be compiling and analyzing the data shortly. We will report on the results in a future issue of the Louisiana Journal.

I have enjoyed my time as your president. It was surprising to find out how much time goes into this job. It was not possible to do it alone, however. I would like to take this opportunity to thank the many people who have helped me in my term. The Board of Direction served LES and the engineering community well. Our Executive Committee and other committees put in many hours to move our society forward. Our office staff was invaluable. One of our hardest workers was Ted Thompson. LES will be in very capable hands with him at the helm.

On a personal note, my wife and I welcomed a third child to our family in April. My wife has been a saint in putting up with my endeavors this year. I look forward to spending a little more time with her and our kids. Thank you for the opportunity to serve you this year.

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.

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Publishing Consultant

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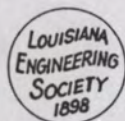
May 1999

VOL. 1 No. 4



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LAND SURVEYORS



Louisiana Engineering Society
1999-2000 President
Theodore H. Thompson, P.E.

Inside this issue.....

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Louisiana Society of Professional Surveyors	page 33



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Texas, on November 6-12. He discussed details of motions passed regarding the Trig-Star Policy.

NSPS Disaster Relief Assistance

President Harrison reported that upon Mr. Curt Sumner's request, he checked with the District 1 Chairman to see if any surveyors were in need of assistance after the hurricane; no assistance was needed.

NEW BUSINESS

Member Applications

Mike Mayeux made a motion to approve applications for John Warren Fenstermaker, Mark Keith Buhrke, and Sidney F. Fournet, Jr., second by John French—applications approved.

Mr. Mayeux made a motion to accept a request of status change to "Registered" for Robert L. Pinnell, and a reinstatement for James H. Hughes, second by Wayne Hebert—motion passed.

Surveyor Exam

Wayne Hebert reported that the Exam Committee is in need of a new member for their committee. He asked interested parties to submit their name to David Cloud, in District 2.

Surveyor of the Year

President Harrison provided a list of former recipients of the LSPS Surveyor of the Year Award. He asked the District Chairmen to consider submitting a nominee for the 1999 award.

Employee Training

Debra Bagley thanked the LSPS Board of Directors for providing for her to attend computer-training classes. Meeting adjourned. ■ *The Minutes from the December 4, 1998, LSPS Board meeting will be submitted for approval at the February 5, 1999 LSPS Board meeting.*

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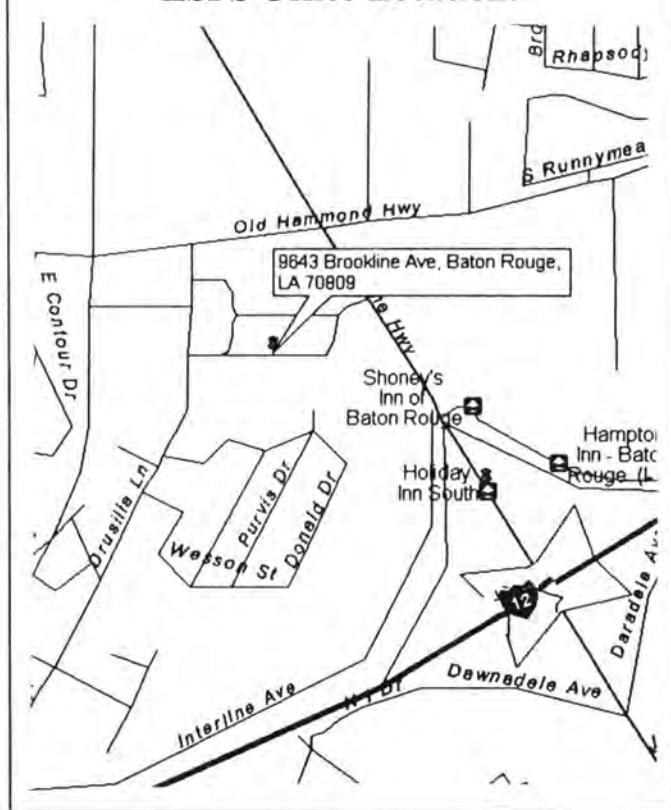
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LSPS Office Location!



Monumenting of Highway

Continued from page 49

I am pleased to report that the current DOTD policy on all construction projects requiring acquisition of additional right-of-way on state or federal routes, states that the right-of-way monuments are to be set by or under the direction of a PLS and in conformance with the Minimum Standards for Property Boundary Surveys. Furthermore, the 4" concrete posts will no longer be used. The 'new' monuments will be a 3/4" by 3/4" steel stake with a stainless steel identification cap, *and*, a six foot orange Carsonite witness post. It gets better! DOTD will also file of record in the appropriate parish courthouse a reproducible final plat of the project showing the surveyor's location of the monuments in relation to the project's alignment. And last but not least, these right-of-way maps will be based on Lambert grid coordinates. Ask and ye shall receive, right?

This new policy will save the surveying community countless hours of research and field investigation, which will result in direct savings to the consumer. We can even take some gratification in knowing that when a bush-hog wipes out a Carsonite witness post, our tax dollars will not be spent on mower repairs as they were with the old 4" concrete posts! ■

**SUSTAINING MEMBER SALUTE ... COMING
IN THE MAY 1999 L'ARPENTEUR!**

Highlights of December 4, 1998, LSPS Board Meeting Minutes

Mike Mayeux presented the Minutes from the October 2, 1998, Board meeting. Wayne Hebert requested a change on page , second paragraph, first sentence: Add, "By the FDIC." Mel Harrison made a motion to accept the Minutes as amended, second y Wayne Hebert—Minutes were approved as amended.

PRESIDENT'S REPORT

President Harrison reported that there are still 800 bricks available for the courtyard of the Louisiana Engineering Center.

DISTRICT REPORTS

District 1 Walter Stone advised that District 1 made a donation of \$200.00 toward the LSPS Education Fund. District 1 purchased two bricks at the Louisiana Engineering Center, one in the name of LSPS District 1 and one in the name of James Couturie.

District 2 Johnny Robichaux reported that Letterman's Blue Print attended the last District 2 meeting to demo equipment they carry.

District 4 John French advised that District 4 discussed the possibility of sponsoring a seminar this year.

District 5 Walt Ballard advised that District 5 met last week.

District 6 Chad Morris requested approval for one (1) hour of CPD credit for a presentation on "Ethics" being presented at their next meeting by a judge. Approval of the one (1) hour of CPD credit was given to District 6, pending review of a bio on the speaker by the Seminar Committee Chairman.

Mike Mayeux made a motion that seminars to be hosted on a district level be coordinated through the LSPS Seminar Committee Chairman and that requests for CPD credit hours be submitted to the LSPS Board of Directors, the LSPS Executive Board or the Seminar Committee Chairman, as scheduling time allows, second by Mel Harrison—motion approved.

District 8 Walt Ballard made a motion to approve for District 8 to host a seminar on Minimum Standards in February, second by Mel Harrison—motion approved.

COMMITTEE REPORTS

Seminars Planning Committee

Walt presented a written report which included the following two options: **Option 1** - For odd numbered years each odd numbered district will host a seminar— in even numbered years each even numbered district will host a seminar. **Option 2** - Seminars would be planned statewide by the Technical Ed. Chairman. District would still have the option of hosting a seminar.

Walt Ballard made a motion to adopt **Option 1** and that for the year 1999 odd numbered District Chairmen, going off the LSPS Board, would plan a seminar prior to leaving their position, and that even numbered districts could still hold a seminar, second by John French—motion passed.

Mike Mayeux made a motion to waive the \$10.00 initiation fee if seminar participants complete an LSPS membership application at LSPS sponsored seminars, second by Mel Harrison—motion passed.

1999 Convention

Mel Harrison made a motion to vote whether LSPS would pay the \$200.00 fee to Texas for approval of the technical sessions at the 1999 LSPS Convention; the outcome of the vote was 3 in favor, 5 opposed, 2 abstained—President Harrison stated that the reason that this motion failed was due to the fact that the cost outweighed the benefit to the overall LSPS membership.

2000 Convention

Walter Stone has begun work on the 2000 Convention

Liaison

The Liaison Committee had been working on the issue to extend the NGS Geodetic Advisor Program. In response to a letter from Mr. Frank Denton, now former Secretary of DOTD, the Committee has submitted a report to the incoming Secretary concerning the LSPS recommendation for the program.

Newsletter

Wayne Hebert reported that the LES Newsletter Committee Chairman, John Plaisance, has submitted a letter advising that the actual cost of preparation of the joint newsletter has exceeded the projected amount. Mr. Hebert plans to meet with LES.

SECRETARY-TREASURER/FINANCE COMMITTEE

Mr. Mayeux presented an invoice for research assistance provided to LSPS regarding unrelated business income rules and estimating corporate taxes. Mike Mayeux made a motion to pay the \$730 invoice to Mr. Borel for accounting services rendered and to post the charges to the "Contingency Fund" of the Budget, second by Mel Harrison—motion approved.

Mike Mayeux presented Income Statements dated 7/1/98 to 10/31/98. Mel Harrison made a motion to approve the Income Statements, second by Walt Ballard—motion approved.

NSPS GOVERNOR

Mr. Jack Stelly advised that he attended the GIS/LIS '98 ANNUAL CONFERENCE AND EXPOSITION, in Fort Worth.



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SEMINAR REGISTRATION

ALTA-ACSM Land Title Surveys and Positional Tolerance

By: Gary R. Kent, LS

March 11, 1999 • 8 CPD's • 8:00 am - 5:00 pm
Radisson Inn, 2150 Veterans Blvd, Metairie, LA

TOPICS:

- General Review of Standards
- ALTA-ACSM Standards
- Certification
- Negotiating a contract
- Workshop exercises
- Positional Tolerance/Positional Uncertainty

FEES:

LSPS Member \$125.00
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Louisiana Boundary Law

By: H. Glen Kent, PLS

April 8, 1999 • 8 CPD's • 8:00 am - 5:00 pm
Holiday Inn Professional Center-Atrium
2001 Louisville Ave, Monroe, LA

TOPICS:

- Property & Boundary Law - 5 CPD's
- Ethics - 1 CPD
- Minimum Standards - 2 CPD's

FEES:

LSPS Member \$100.00
Non-Member \$175.00 *

FULL NAME _____

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Non-Members completing an LSPS membership application and submitting required dues* at the seminar registration may register at the "Member" rate. *(\$10.00 initiation fee waived.)

QUESTIONS? Call LSPS at 225-925-5800.

Mail completed form and payment to: LSPS, 9643 Brookline AVE, Suite 108, Baton Rouge LA 70809

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Student? (If so, college attending) _____

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Registration Committee '99, LSPS, 9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809 or fax to 225-925-5802.

Make checks payable to LSPS. Make hotel arrangements directly with Holiday Inn @ 504-868-5851.

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DAILY	\$95	☐	\$160	☐	
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EXHIBITS ONLY	\$10	☐	\$10	☐	
STUDENT	Free!	☐	Free!	☐	Includes exhibits & technical sessions. (Must have Student I.D.)
Wednesday SCRAMBLES Please include your handicap _____	\$35	☐	\$35	☐	Green fees & cart.
Thursday Luncheon At Holiday Inn	\$20	☐	\$20	☐	Per ticket.
Thursday Evening Seafood Boil & Zydeco Band	\$25	☐	\$25	☐	Per ticket.
Friday Luncheon At Holiday Inn	\$20	☐	\$20	☐	Per ticket.
Friday AWARDS BANQUET	\$25	☐	\$25	☐	Per ticket.

TOTAL FEES: _____ **Check/money order enclosed** _____

Please charge my Visa/Mastercard _____ **Authorized Signature:** _____

Account # _____ **Expiration Date:** _____

A-a-i-e-e-e!

Bienvenu Mes Amis!

**Les Preparations sur la 1999 convention
c'est fait accompli.**

Laissez les bons temps roulet!!

Houma is Ready!!!



The wait is almost over. Where are those tasty Surveyors?

The **LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS** has finalized its plans for its **1999 ANNUAL CONVENTION** in Houma.

The Annual Golf Tournament will be held at Ellendale Country Club followed by an icebreaker sponsored by Navigation Electronics, Inc. at the Houma-Terrebonne Civic Center on Wednesday, May 5, 1999. For questions concerning the Golf Tournament, contact Rudy Aucoin at (504) 879-3528 or Morris Hebert at (504) 879-2731. A swamp tour with the locally famous Black Guidry (a-a-i-e-e-e) will be held on Thursday followed by lunch at Hebert's Café.

As planned, all exhibits, technical sessions, the annual business meeting and luncheons (guests are invited) will be held in the newly constructed Houma – Terrebonne Civic Center. In addition to the surveying equipment typically displayed at LSPS conventions, we have made arrangements for you to see the latest vehicles used by surveyors, including trucks, four wheelers, airboats, marsh buggies and marine equipment.

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* and a brief discussion of the *Y2K* computer problem 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.

As an added healthy attraction, the Terrebonne General Medical Center will have a booth set up for blood pressure checks, cholesterol screens, blood donations and other medical information. One lucky blood donor will be receiving a full refund of the convention registration fee.

In addition to the business, how could anyone expect to visit Houma without a little Cajun entertainment? In addition to the Golf Tournament at Ellendale Country Club and an evening Ice-Breaker at the Civic Center sponsored by Mr. Charlie Poche', expect a two stepping, mouth watering good time at a seafood boil on Thursday evening 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 followed immediately by music and dancing.



Got another one!!

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.

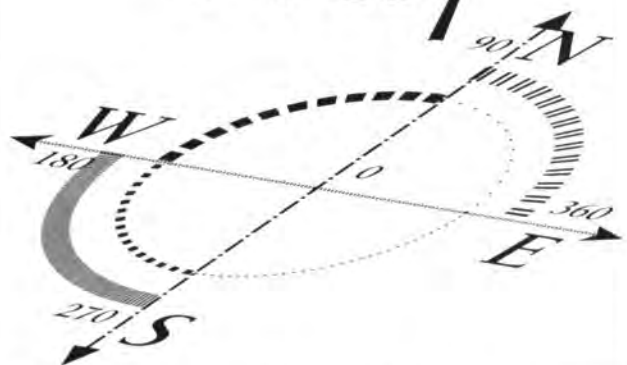
Look for information on what promises to be an outstanding event in future issues of the *L'Arpenteur Louisiane*, on the LSPS Web Site (<http://home.communique.net/~lsps/>) and in separate LSPS mail-outs.

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

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OR WRITE:



A Division of Desert Engineering Group, Inc.
3162 E. 46th Street, Tucson, Arizona, 85713

Monumenting of Highway Rights-of-Way by DOTD

Submitted By: Timothy J. Allen, PLS

We surveyors have long had a difficult time of recovering in the field the precise location of right-of-way lines adjacent to highways established or maintained by the Louisiana Department of Transportation and Development. The only monumentation usually available is the square 4" concrete posts with the letters "DOTD", or it's predecessor, "LDH". When we can't find any of these posts along the right-of-way lines, we are forced to hold with the constructed centerline position and pull the "call" distance to establish the right-of-way width. But how many times have we found that a road was not constructed in the centerline of the right-of-way? Or yet other times when we have found that subsequent construction or overlays have altered the centerline location. Using the constructed roadway to establish the right-of-way limits is tricky business at best. In those instances when we can locate and recover the DOTD's project baseline, we are home free, unless, of course, your field crew is run over by a Mack truck while working on the centerline of the road. Or your total station is clipped and sent flying through the air only to land on the hood and windshield of an oncoming Mercedes Benz S600 driven by the current president of the National Trial Lawyers Association. (Surveyors are known to have bad luck! You've heard of Murphy's Law? Did you know that Murphy was a surveyor?)

Regarding those square concrete monuments, how many of you were aware that those markers were not set by surveyors? They were actually set by the contractor using a couple of laborers with a post hole digger, a sheet of the construction plans and a worn out cloth tape. Did you know that the edges and/or corners of the concrete posts were intended to represent the highway right-of-way lines, and not the center point of the post? (I was once amazed to find a chiseled "+" on top of a DOTD post. Not because of the chiseled "+", but because it was the only post along three miles of roadway which hadn't been bush-hogged.) DOTD recently stated that "these right of way markers as set by the Department's construction contractors are not, nor have they ever been intended to be property corner monuments." Well what about when the State has acquired fee title to the right-of-way? The right-of-way line becomes a property boundary line, does it not? Was I the only one who thought these concrete posts were property boundary monuments, which marked the line between the state's fee and the adjoining property owners? Nope. We surveyors have been relying on these monuments as property boundary markers for years. We wished they would've been set by a Professional Land Surveyor. And we wish they would've been set flush with the ground so the bush hogs wouldn't eat them, but that was out of our control. We wondered why the DOTD spent our tax dollars on all of that high-powered surveying for the construction of a road, but stopped short of leaving behind some accurate, reliable monumentation which the surveying community could use later. Back in 1994, when I was President of LSPS, we asked to meet with DOTD to discuss these issues.

Myself and a small contingent of LSPS members met with the DOTD's Chief Engineer, and some of his staff. We asked that the DOTD modify it's *modus operandi* to require that right-of-way lines between the state's fee and the adjoining private property owners are monumented accurately and under the direction of a Professional Land Surveyor. We also suggested that a subsurface mark and witness post be used in lieu of the damage prone concrete posts. The meeting adjourned with the Chief Engineer agreeing to form a task force to study these issues. (It should also be noted that the Board of Registration had been copied on all correspondence I sent to DOTD, and soon the Board was questioning the Department's monumenting procedures with regard to their compliance with the Minimum Standards for Property Boundary Surveys.)

After several years of study and analysis by this task force, (and dialogue with the State Board of Registration), the DOTD adopted a new set of guidelines which adequately addressed the concerns which LSPS had raised. **Continued on page 54**

1999-2000 LSPS OFFICER ELECTIONS

By: Past President Wayne Hebert



The Nomination Committee has presented the following Ballot of nominees for approval by the Board of Directors of LSPS.

President - J. Walter Ballard
Vice-President - Michael P. Mayeux
Secretary-Treasurer - John C. Mattingly
NSPS Governor - CL Jack Stelly

The Board approved the slate by faxing their vote to the LSPS State Office. The official ballot will be mailed to each voting member at least 30 days prior to the Annual Meeting in accordance with the by-laws of LSPS.

Meet your candidates:



J. Walter Ballard, P.L.S., was born on June 29, 1960, in Monroe, Louisiana. He graduated from Downsville High School in 1978. He received a Bachelor of Science degree in Forestry Business in 1982 and an Associate of Science degree in Land Surveying Technology in 1987, both from Louisiana Tech University. He and his wife, Tara, have two children—Ryan and Vivien.

Walt has worked in the land surveying and forestry fields in the North Louisiana-South Arkansas region for sixteen years. Since 1997, he has held the position of Director of Surveying for Harrison and Associates, Inc., a consulting engineering and surveying firm located in Monroe.

Walt has been a member of LSPS since 1993. He received his license as a Professional Land Surveyor in 1995. He has served as Chairman of District 5, Co-Chairman of the Vicksburg '96 Joint Conference, Membership Committee Chairman, Secretary-Treasurer, Planning/Technical Education Committee Chairman, and Vice-President. He is a member of ACSM, NSPS, Louisiana Forestry Association, and Society of American Foresters.



Michael P. Mayeux, P.L.S., was born in Marksville, Louisiana, on September 28, 1952. Michael attended McNeese and Northwestern State Universities and graduated from Louisiana Technical College, T.H. Harris Campus, in Civil Engineering Technology in 1973. He is married to Nora Jane Martin Mayeux and they have four children—Philip, James, Jacquelyn and Mary.

Michael is Vice-President of CL Jack Stelly & Associates, Inc., and is a Registered Professional Surveyor in several states. He is a member of ACSM, NSPS, MAPS, ASPS, TSPS, and LSPS. Michael has served LSPS as a member of the Continuing Education Committee, Membership Chairman, District Chairman, Chairman of the Examination Preparation Committee and Secretary-Treasurer.



John C. Mattingly, P.L.S., was born in Houma, Louisiana, on July 14, 1958. He graduated from Terrebonne High School in 1976. John attended Nicholls State University. He is married to Kathy Verret Mattingly and they have two children—John, Jr., and Kristie.

John has worked in the land surveying field since 1978. He began his surveying career as a rodman for T. Baker Smith & Son, Inc. He served as instrument man and party chief for Gulf South Engineers, Inc., from 1979 to 1988 performing boundary, topographic, alignment, and construction surveys. In 1989 he became a survey technician where he coordinated survey crews and performed office computations and research. In July of 1994 he assumed the position of project manager at T. Baker Smith & Son, Inc., coordinated boundary surveys and various permitting projects.

John has been a member of LSPS since 1990. He received his license as a Professional Land Surveyor in Louisiana in 1994 and in Mississippi in 1995. He has served as Chairman of LSPS District 2 and was a member of the Continuing Education Committee, the Combined Newsletter Committee, and he is currently the Newsletter Committee Chairman. He is also a member of MAPS and an associate member of TSPS.



CL Jack Stelly, P.L.S., was born in Grand Prairie, Louisiana, on August 9, 1942. He graduated from Leonville High School and Louisiana Technical College, T.H. Harris Campus, in Civil Engineering Technology in 1962. Jack is married to Barbara Zerangue and they are the parents of three children, Jack, Jr., Tammy and Marcus.

Jack is President of CL Jack Stelly & Associates, Inc., located in Lafayette, a Land Surveying Firm specializing in surveys for the Oil & Gas Industry. He began his surveying career in 1962 as an employee of John E. Chance & Associates, Inc., and entered private practice in 1978.

He has been a member of LSPS since 1969 and has served as Chairman for District 3. He is also a member of NSPS, ACSM and LES. Jack has held the NSPS Governor position for the past year.

Welcome New Members

John Warren Fenstermaker - District 3
Mark Keith Buhrke - Out-of-State
Sidney F. Fournet, Jr. - Out-of-State
James H. Hughes - District 6

Contact Debra Bagley at the LSPS State Office to obtain a 1998/99 Membership Roster and a list of member benefits.

Plan to attend the LSPS General Membership Meeting while you are at the Convention . . . meeting time TBA!

Louisiana Society of Professional Surveyors

1999 Map & Plat Competition

Official Entry Form

The 1999 LSPS Map & Plat Competition is now open for entries.

This will be a judged contest. A maximum of three maps per category will be exhibited at the 38th Annual Convention in Houma, Louisiana. Entrants must be a member of LSPS. The entry must have been completed after January 1, 1995, and may not have previously been entered in any LSPS contest. The entry may be freehand or machine drafted.

Submit four (4) folded prints for each entry with a maximum map size of 34" by 44". *All entries must be folded to fit in a 9" by 12" envelope.* Submissions must be a single drawing; it may originate as part of a set of drawings, however, it must be entered as a single sheet. *All entries must be received by April 8, 1999. Use one entry form per document submitted.* An entry fee of \$15 must accompany each form. Winners will be contacted to send a print for display at the LSPS Annual Convention. The first prize winners will be entered in the ACSM/NSPS Map & Plat Contest.

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

CATEGORIES

1. Subdivision Plats ☐
2. Boundary/Cadastral Maps ☐
3. Topographic Maps ☐
4. ALTA/NSPS Survey Maps ☐
5. Miscellaneous Maps ☐
(Permit drawings, Hydrographic maps, etc.)

(Only one Category may be checked)

An entry fee of \$15 must accompany this form
(Make checks payable to LSPS)

Submit this entry form and fees to:

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

(Use one entry form per document submitted)
This form may be reproduced.

Entrant's Name: _____

Company or Institution: _____

Address: _____

City: _____ State/Zip Code: _____

Phone: (W) _____ (H) _____

Title of Entry: _____

Description of Project: _____

Name and Address of Nominator if other than entrant.
Name/Address/Company: _____

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

Signature : _____ Date: _____

FOR LSPS OFFICE USE ONLY: Map/Plat Contest Entry Number _____

40 50

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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 • 9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809 • Phone (225) 925-5800 • Fax (225) 925-5802
E-mail: lpsps@cmq.com • Website: www.communique.net/~lpsps

President's Message

By: Melvin L. Harrison, PLS, LSPS President



I Hope everyone had a pleasant Christmas and New Years. My family and I had a very enjoyable holiday season with the exchanging of gifts, fellowship with family, and dining. We finally took down the tree and boxed up all the Christmas decorations. Now it's time to make our New Year resolutions and begin the new year.

This past year LSPS has been very busy and productive. 1999 promises to be more challenging and exciting then ever. The first week of January we moved into our new office in the Louisiana Engineering Center. Debra Bagley, our Administrative Secretary, said the move went very smooth with only minor inconveniences. As I write this, it's the second week of January and even though I have not seen our new office it has been reported that its appearance is first class and professional. The possibility of having our February Board meeting in the conference room of the building is being discussed. If you are in Baton Rouge, and have time, please take the opportunity to visit. See page 54 for a map showing the location of the building.

LSPS continues to grow and is constantly working toward the improvement of our profession. We are in our 38th year as a society. The longevity of LSPS is due to the dedication of our members. There are two awards available to recognize some of these dedicated members, the Surveyor Excellence Award and Life Membership Award. This is the time of the year we take nominations for these two awards. Our 38th Annual Convention will be May 5-7, 1999, in Houma, Louisiana, and we will be recognizing the recipients. Anyone wishing to nominate a member for these awards should submit in writing to the LSPS office by the middle of March. Please see the qualifications and past recipients.

LIFE MEMBERSHIP AWARD

QUALIFICATIONS:

1. Must be an LSPS Member of long-standing, i.e., 25 years or more.
2. Must have actively contributed to the growth of LSPS during his career (e.g., may have served as Officer or Director of LSPS), but need not be active at the time of nomination.
3. Should enjoy an outstanding reputation for his knowledge, integrity and professional competency, especially among the members of his District.

ARTICLE V . . .

"Life Membership shall carry with it all the rights and privileges of a Registered Member if such a person be a Registered Surveyor of the State of Louisiana; or if registered in a Foreign State or Country, all the rights and privileges of a

Member; and otherwise, all the rights and privileges of an Affiliate Member. Such award shall carry with it a waiver of initiation fee and membership dues or special assessment."

LIFE MEMBERS:

A.J. Brouillette Lamon L. Moody, Jr. Carl L. Mistrick
Robert A. Berlin John E. Walker Clarence J. Tircuit

SURVEYOR EXCELLENCE AWARD

QUALIFICATIONS:

1. Must be a Registered Member of LSPS.
2. Must have taken an active and continuous role in contributing to the growth and advancement of both LSPS and the surveying profession (e.g., may have served as an Officer or Director of LSPS, may have served as a member of the State Registration Board, or as Officer or Director of National Surveying organizations).
3. Nominees should presently be actively involved in the operation of LSPS; as evidenced by attendance of chapter meetings and annual meeting, by serving on LSPS committees, etc.
4. Should enjoy an outstanding reputation for his knowledge, integrity and professional competency, especially among the members of his District.

LIST OF RECIPIENTS:

Francis M. Tessier - 1975	George Bergeron, Jr. - 1984
Lamon L. Moody - 1976	Errol Kelly - 1985
William H. Griffith - 1977	Stephen V. Estopinal - 1988
John E. Walker - 1978	Wilton J. Dufrene - 1989
C.J. Tircuit - 1978	Richard C. Spikes - 1991
George Jones - 1979	C.H. Fenstermaker - 1993
A.J. Brouillette - 1980	Morris P. Hebert - 1996
Asa Ray - 1981	M. Ernest Gammon - 1998
John Kellen - 1982 ♦	

LSPS SPONSORED SEMINARS

March 11, 1999

ALTA-ACSM Land Title Surveys and Positional Tolerance, by Gary R. Kent, LS - 8 CPD
Radisson Inn, 2150 Veterans Blvd, Metairie, LA
Sponsored by LSPS District 1

April 8, 1999

Louisiana Boundary Law, by H. Glen Kent, PLS
8 CPD (5 CPD's - Property & Boundary Law; 1 CPD Ethics; 2 CPD's - Minimum Standards)
Holiday Inn, 2001 Louisville Ave, Monroe, LA
Sponsored by LSPS District 5

September 16, 1999

Positioning The Land Surveying Firm for the 21st Century, by Milton Denny - 8 CPD
Location TBA, Baton Rouge, LA
This is the LSPS Annual Fall Technical Session

DETAILS & REGISTRATION FORMS FOR THE
MARCH & APRIL SEMINARS IN THIS ISSUE!



Louisiana Society of Professional Surveyors

David William Childs
PRAIRIEVILLE, LA
Asim Tufail
BATON ROUGE, LA
Bradley Lorin Wall
WALKER, LA
Kevin Joseph Grimsley
ZACHARY, LA
Timothy Neal Welborn
BATON ROUGE, LA
Tammy Lynn Webb
BATON ROUGE, LA
Jin-Keat Tan
BATON ROUGE, LA
Scott Sean Hamann
BATON ROUGE, LA
Ashanta Victoria Brown
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Robert Patrick Eskridge
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John Randolph Bernard
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BATON ROUGE, LA
Benjamin Eugene Evans
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Suruchi Gera
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Vaughan Ian Hart
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Wendy Elizabeth Herring
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Caryn Elizabeth Benjamin
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GRETNA, LA
Walter Kancewick
GRETNA, LA
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Carrie Alaine Hackenberg
DESTREHAN, LA
Anthony Michael Manzonelli
DESTREHAN, LA
Brandy Lynn Dauenhauer
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HARVEY, LA
Sarah Yarrow Golz
LAFAYETTE, LA
James Alan Cape
SLIDELL, LA
Kenneth Tracy Schlag
KENNER, LA

Edmond George Wiegert
KENNER, LA
Luan Van Tran
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BRIDGE CITY, LA
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SLIDELL, LA
Kurt Michael Brauner
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William Arthur Evans, Jr.
NEW ORLEANS, LA
Brian Charles Davis
NEW ORLEANS, LA
Justin Thomas Gatzemeyer
NEW ORLEANS, LA
Leonard Henry Hirsch
NEW ORLEANS, LA
Cullen Dale Kiker
NEW ORLEANS, LA
Jeffrey Andrew Thacker
NEW ORLEANS, LA
Leslie Briggs Kinchen
NEW ORLEANS, LA
Julie Anna Martin
NEW ORLEANS, LA
Delrick Eugene Etienne
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JEFFERSON, LA
Gabriel Alberto Contreras
NEW ORLEANS, LA
Lawrence Arnold Duracher
NEW ORLEANS, LA
Enrique Jose Garmendia, Jr.
LAFAYETTE, LA
Curtis Craig Eickenloff
RIVER RIDGE, LA
James Brian Reese
RIVER RIDGE, LA
Tan Duy Nguyen
HARVEY, LA
Steven Richard Spinola
RIVER RIDGE, LA
Adam Edward Wright
TERRYTOWN, LA
Ellis Albert West, Jr.
NEW ORLEANS, LA
Brady Michael Boudreaux
LAFAYETTE, LA
Brandon Bernard DuMontier
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Jennifer Dale Marr
NEW ORLEANS, LA
Jessica Lynn Maloney
LAFAYETTE, LA
Boby Witjaksono Aboesono
NEW ORLEANS, LA
Thomas Andrew Gibilerra
NEW ORLEANS, LA
Joseph Verbis Lillie II
LAFAYETTE, LA
Peggy Jo Bell Paine
HAMMOND, LA
George Brent Nobles
BOGALUSA, LA
Jess Brian Shelley
COVINGTON, LA
Soon Lee Yeoh
LAFAYETTE, LA
William Charles Guidry
LACOMBE, LA
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MADISONVILLE, LA
Jeffrey Dean Wilson
MADISONVILLE, LA
Christopher Eugene Gilmore
MANDEVILLE, LA
Marguerite Teresa Millet
MANDEVILLE, LA
Craig Stephen Mullett
SLIDELL, LA
Jeremy Foster Bordes
SLIDELL, LA
Brian Richard Machado
SLIDELL, LA
Robert Frank Lestage, Jr.
SLIDELL, LA
Denis Gracianin
LAFAYETTE, LA

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KENNER, LA

Electro-Test, Incorporated
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Concurrent Technologies
Corporation
NEW ORLEANS, LA
Essential Environmental
Engineering, Incorporated
NEW ORLEANS, LA
Seybold Engineering, Incorporated
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George A. Hero & Company,
Incorporated
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Cooper Engineering, Incorporated
COVINGTON, LA
Chalmers, Collins & Alwell,
Incorporated
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fpLouisiana, L.L.C.
SLIDELL, LA
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Incorporated
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VERNON HILLS, IL
Applied Pavement Technology,
Incorporated
URBANA, IL
Hoffmann, Incorporated
MUSCATINE, IA
A & B Engineering and
Consulting, L.L.C.
GRETNA, LA
Civil-Structural-Consultants
DEKALB, MS
O'Brien & Gere Engineers,
Incorporated
SYRACUSE, NY
Morabito Consultants,
Incorporated
BALTIMORE, MD
P. E. LaMoreaux & Associates,
Incorporated
TUSCALOOSA, AL
NJC, Incorporated
NASHVILLE, TN
James Posey Associates,
Incorporated
BALTIMORE, MD
Froehling & Robertson,
Incorporated
RICHMOND, VA
Staub Engineering, Incorporated
BIRMINGHAM, AL
O'Neal, Incorporated of
South Carolina
GREENVILLE, SC
Engineered Fire Protection
BATON ROUGE, LA
A Professional Home Inspection,
Incorporated
BATON ROUGE, LA
RAI Services, Incorporated
BATON ROUGE, LA
WaveTech, Incorporated
BATON ROUGE, LA
Stewart Engineering, L.L.C.
BATON ROUGE, LA
General Engineering &
Environmental Consultants L.L.P.
BATON ROUGE, LA
Ross Engineering Company
BATON ROUGE, LA
Engineered Casting Repair
Services, Incorporated
BATON ROUGE, LA
Russ Engineering
BATON ROUGE, LA
Imes Environmental Services of
Lake Charles, Inc.
BATON ROUGE, LA
Cajun Constructors, Incorporated
BATON ROUGE, LA
Joe Picard, Incorporated
BREAUX BRIDGE, LA
Criterium-Stein Engineers
PRIDE, LA

Allen Process Systems, L.L.C.
NEW IBERIA, LA
MiCor and Associates A
Professional Corporation
SULPHUR, LA
McLin Surveying Company
LIVINGSTON, LA
Leading Edge Environmental
Group, Incorporated
WESTLAKE, LA
EnviroValue, L.L.C.
BATON ROUGE, LA
Odom Consulting Group, L.L.C.
BATON ROUGE, LA
URS Greiner Woodward-Clyde
Group Consultants, Incorporated
SAN FRANCISCO, CA
GAE, Incorporated
DUMAS, TX
Legend Consulting Group Limited
DENVER, CO
Science & Engineering Associates,
Incorporated
ALBUQUERQUE, NM
Energy & Resource Consulting
Group, L.L.C.
DENVER, CO
Apex Geoscience, Incorporated
TYLER, TX
Cleco Services, L.L.C.
ALEXANDRIA, LA
East Texas Testing Laboratory,
Incorporated
TYLER, TX
Structural Engineering, P.A.,
Incorporated
MONROE, LA
Irish Environmental Group, L.L.C.
SHREVEPORT, LA
M & H Enterprises, Incorporated
(Texas)
HOUSTON, TX
McDaniel Engineers &
Contractors, Incorporated
HAUGHTON, LA
James W. Braswell & Associates,
Limited
MONROE, LA
Dooley Tackaberry Of Louisiana,
Incorporated
DEER PARK, TX
Hart Engineers
BATON ROUGE, LA

LAND SURVEYING FIRMS

James W. Braswell & Associates,
Limited
MONROE, LA
URS Greiner Woodward-Clyde
Group Consultants, Incorporated
SAN FRANCISCO, CA
Laughlin Surveying, Incorporated
EUNICE, LA
Joe Picard, Incorporated
BREAUX BRIDGE, LA
Livingston Parish Land Surveying,
Incorporated
DENHAM SPRINGS, LA
McLin Surveying Company
LIVINGSTON, LA
Louisiana Land Surveying,
Incorporated
BATON ROUGE, LA
General Engineering &
Environmental Consultants L.L.P.
BATON ROUGE, LA
Johnson-McAdams Surveying &
Mapping, L.L.C.
GREENWOOD, MS
Acadia Land Surveying, L.L.C.
THIBODAUX, LA
Michael P. Guidry, Incorporated
LAFAYETTE, LA

New Registrants for the Period 07/21/1998 - 01/19/1999

Professional Engineers

CHEMICAL

Jeffrey Alan Richter
FLORHAM PARK, NJ
Merle Robert Likins, Jr.
BARTLESVILLE, OK
Harold Edward Silver
ENGLEWOOD, CO

CIVIL

Shawn Jerome Franke
SAN ANTONIO, TX
Jean Cesar Enna
CHANDLER, AR
Edward Dennison Collins
SIMI VALLEY, CA
Daniel Hansen Neff
TUCSON, AZ
Calvin Jay Payne
BLAINE, WA
August Van Spalding
TIGARD, OR
John G. Morrison
SANTA TERESA, NM
Norman Richard Schmitt, Jr.
NEW BRAUNFELS, TX
Gregory Steven Mason
LAFAYETTE, CA
Leo Brent Wright
LAS VEGAS, NV
Wanhong Stevenson Lim
PASADENA, CA
Edwin Bruce Workman
ATASCADERO, CA
John Reese Leavitt
MELBA, ID
Mark James Landa
PHOENIX, AR
Kim Ian McGraw
PLANO, TX
James Hsiung-Sheng Hu
SUGAR LAND, TX
Herbert Michael Liggins
RICHARDSON, TX
Suzanne Elizabeth Walker-Peek
MEADOWS PLACE, TX
Stephen George Berckenhoff
KATY, TX
Erik Louis Nelson
PLANO, TX
Grady Kern Ebersberger
ROCKWALL, TX
Sandeep Navinchandra Patel
HOUSTON, TX
Malek Elias Elkhoury
TULSA, OK
Blake Eric Cotton
HOUSTON, TX
Christopher Raymond Brown
PEARLAND, TX
Dennis Raymond Eby
HOUSTON, TX
Walter Daniel Halbrook
PINEVILLE, LA
Fred Alexander Villarreal
FORT WORTH, TX
Mitchell Leo Job
AUSTIN, AR
Mark Enos Owen
LONGVIEW, TX
David Alan Platten
DALLAS, TX
Barry Carmichael Adams
DALLAS, TX
Jacqueline Anne Wesley
DENHAM SPRINGS, LA
Paul Brian Wolshon
BATON ROUGE, LA
Edward Michael DePaola
SCOTCH PLAINS, NJ
James Edwin Wright, Jr.
MADISONVILLE, TN
George Alfred Olsen
MOBILE, AL
Mark William Glynn
LOCKPORT, NY
Terry Samuel Hawk
ALBUQUERQUE, NM
Charles Michael Boyle
PITTSBURGH, PA
Arthur Thomas Nielsen
MECHANICSBURG, PA
Scott Howell Slaughter
MOBILE, AL

Jeffery Allen Pierce
POWDER SPRINGS, GA
Sergio Leguizamón
ATLANTA, GA
John Harold Hurst
HAMPTON COVE, AL
Djamshid Tehrani
BIRMINGHAM, AL
Van J. Gladfelter
TAMPA, FL
Zohair Said Chehayeb
TITUSVILLE, FL
James Allan Lane
CHESAPEAKE, VA
William Lee Overbeek
LAKE MARY, FL
John Joseph Ferowich
CARRYVILLE, TN
Derek Arthur Hodgins
RAMSEUR, NC
Michael David Finley
LAKE CITY, FL
John Robert Lesnik
RALEIGH, NC
John Linley Baker
RALEIGH, NC
Michael Allen Thomas
NAVARRE, FL
Kenneth Paul Akins, Jr.
TUCKER, GA
Mark Jeffrey Keister
JACKSONVILLE, FL
Gordon Lamar King
NEPTUNE BEACH, FL
Carl Samuel Myers, Jr.
GREENVILLE, SC
Kevin Lane Burton
GREENVILLE, SC
William Brian Drummond
SIMPSONVILLE, SC
Herbert Devoe McElroy
ALPHARETTA, GA
Scott Alan Davis
DECATUR, GA
Sweannum Soo
LILBURN, GA
Randall Frank Cailor
LILBURN, GA
William Anthony Decker
JACKSONVILLE, FL
Michael Holmes Wheeler
JACKSONVILLE, FL
George Harper Alexander
ATLANTA, GA
Maher Al-Soufi
ATLANTA, GA
Lawrence Joseph Spellerberg
FRUITLAND, IA
Ronald Terry Layman
JACKSON, TN
Richard David Laughlin
CHESTERFIELD, MO
Daniel Bernard Gaillet
CANTON, MS
Tony Russell Clark
STAR, MS
Timothy Alan Harvey
COLUMBUS, OH
Richard Peter Wolsfeld, Jr.
WHITE BEAR LAKE, MN
William Jeffrey White
JACKSON, MS
Brian Edward Roth
MUSCATINE, IA
Lee Wayne Lowe
POWELL, TN
Stuart Williamson
WAVELAND, MS
Robert Irvin Johnson
WHEATON, IL
August William Domel, Jr.
SLEEPY HOLLOW, IL
Karl Jarolin Svatek, Jr.
VALLEY CENTER, KS
John Gregory Dzwozzyk
AVON LAKE, OH
Charles Perry Schaefer II
NEW PALESTINE, IN
Douglas Alan Russel
HIGHLAND, IN
Shakil Ahmad Shaikh
NEW ORLEANS, LA

CONTROL SYSTEMS

Robert Perkins Fendley
FAIRHOPE, AL

ELECTRICAL

Philip Sciabarrasi
CHARLOTTE, NC
Patrick Ewing Nolan
FAIRFAX, VA
Sabrina Lee Williams
WINCHESTER, TN
William Brooke Modisette Womack
ATLANTA, GA
Bruce Alan Lipham
MOBILE, AL
Martha Elisabeth Hyde
HELENA, AL
David Patrick Loduca
ST LOUIS, MO
Charles W. Farnham
BROOKHAVEN, MS
Om Prakash Nangia
ST LOUIS, MO
Gary Arthur Olson
WOODBRIDGE, IL
Charles Stanley Chambers, Jr.
MUSCATINE, IA
Kenneth Alfonso Scannapiego
BATON ROUGE, LA
Joseph Glynn Seymour
SUGAR LAND, TX
Dominik Pieniazek
BELLAIRE, TX
Kenneth Wayland Copley
FRIENDSWOOD, TX
Daren Jon Nielsen
LEAGUE CITY, TX
Jeffrey Gordon Roberts
BEDFORD, TX
James Howard Treece
WYLLIE, TX
David Edward Henning
AUSTIN, TX
Stephen Douglas Corey
AURORA, CO
Dwayne Gregor Miller
HENDERSON, NV
Michael Bert Lima
ANAHEIM, CA
Tomislav Zivislav Gajic
SUNNYVALE, CA
Robert Ely Henry
HIGHLANDS RANCH, CO

ENVIRONMENTAL

Timothy James Oliver
DALLAS, TX

MECHANICAL

Morris Van Lovett
OKLAHOMA CITY, OK
Brion Cornell Thompson
HOUSTON, TX
Steven Abbottista
IRVING, TX
Charles Boyd Darr III
OKLAHOMA, OK
Peter Carl Schmidt
HOUSTON, TX
Paul Edward Oliver
PORTLAND, OR
Carl Alan Crow
AUSTIN, TX
Steven Douglas Hoyer
DENVER, CO
James C. Robertson
FORT NECHES, TX
Timothy Gene Davis
CASTLE ROCK, CO
Gerard James Duhon
BATON ROUGE, LA
Mark Paul Shambaugh
FORT WAYNE, IN
George Dennis McKellar
GRAND RAPIDS, MI
Kelmer Ray Smith, Jr.
WESSON, MS
Dennis Wayne Sanders, Jr.
HATTIESBURG, MS
Janette Marie Rhoades
ST CHARLES, MO
David Wesley Collier
FULTON, KY
Lee V. Hooper
CLEVE HEIGHTS, OH

Norman Edward Goth
SPRINGFIELD, MO
William David Best
DUBLIN, OH
Jeffrey Alan Crabtree
COLLIERVILLE, TN
Stephen Rand Peterson
OVERLAND, KS
Jerry Edward Kirkpatrick
ACWORTH, GA
Charles Robert Funk
DUNCAN, SC
Todd Walter Carey
MOORESVILLE, NC
Mark Stephen Shulman
TURNERSVILLE, NJ
Billy Dean Oliver
DECHERD, TN
Mark Albert Lowery
ROSWELL, GA
Ghulam Reza Shahnam
WINTER PARK, FL
Wilbur Carl Hossfeld, Jr.
TOWSON, MD
Scott Christian Webb
CHARLOTTESVILLE, VA
Peter Rabun Seckinger
FAYETTEVILLE, GA
Charles Anthony Bevis
BIRMINGHAM, AL
William Wesley Dean
DULUTH, GA
Kourush Afsharjavan
N POTOMAC, MD

PETROLEUM

James Edgar Strain, Jr.
SHREVEPORT, LA

PROFESSIONAL LAND SURVEYORS

James Edward Wade, Jr.
YOUNGSVILLE, LA

LAND SURVEYOR INTERNS

Glenn Lawson Boone
MARKSVILLE, LA
Charles Graves Coyle III
RUSTON, LA
Rodney Dale Tidwell
MONROE, LA

ENGINEER INTERNS

Floyd Eugene Milford III
RUSTON, LA
David Christopher Petry
RUSTON, LA
Melissa Mae Cobb
RUSTON, LA
Ashley Glenn Kenney
RUSTON, LA
Steven Amos Jones
RUSTON, LA
Bradley Keith Granderson
RUSTON, LA
Fletcher Christian Miller
RUSTON, LA
Rupert Samuel Williams, Jr.
RUSTON, LA
Timothy Blair McCabe
RUSTON, LA
Sinyale Termirror Woods
RAYVILLE, LA
Carol Faye Johnson
BENTON, LA
Taya Ann Retterer
DUBACH, LA
William Lyneah Cheatham
TEXARKANA, TX
Roger Eddie Husser, Jr.
BATON ROUGE, LA
Ayodeji Fashina
ARLINGTON, TX
Brian Alexander Mair
BATON ROUGE, LA
Mansour Francois Asmar
SHREVEPORT, LA
David Andrew Gremillion
SHREVEPORT, LA
Timothy Andrew Crawford
SHREVEPORT, LA
Benjamin Paul Womack
W MONROE, LA

Kevin Earl Rodgers
BOSSIER CITY, LA
James Rolf Cappellmann
SHREVEPORT, LA
Jarod Brian Taylor
SALINE, LA
Jose de Jesus Sanchez, Jr.
EL PASO, TX
Karen Renae Pappas
SAN DIEGO, CA
Dustin Clinton Warren
CARLSBAD, CA
Keith Edward Averett
BATON ROUGE, LA
Amer Tufail
BATON ROUGE, LA
Arthur Lee Kern
BROUSSARD, LA
David Wardell Ortie, Jr.
BROUSSARD, LA
Tommy Shane Blalock
CARENCRO, LA
Ryan Cyrus Ahnabi
CARENCRO, LA
Kathy Michael Martin
CROWLEY, LA
Brent James Weber
BATON ROUGE, LA
Ryan Patrick Hebert
KAPLAN, LA
Kirby Joseph Hebert
NEW IBERIA, LA
Donald Paul Harris II
NEW IBERIA, LA
Bernard Lee Newman
BATON ROUGE, LA
Lionel Dwayne Carrier
OPELOUSAS, LA
Brian Mark Ronkartz
RAYNE, LA
Michael Anthony Lacheny
SCOTT, LA
Joan Ibert
BREAUX BRIDGE, LA
Austin Everett Looper
LAKE CHARLES, LA
Stephanie Dell Armstrong
LAKE CHARLES, LA
David Gage Anderson
LAKE CHARLES, LA
John Martin Novak, Jr.
LAKE CHARLES, LA
Shannon Ellis Ezell
IOWA, LA
Mihai Nedelea
SULPHUR, LA
John Dickins O'Neill
BATON ROUGE, LA
Sidney Heath DePriest
SULPHUR, LA
Robert Davidson Seaman
BATON ROUGE, LA
Paul Raymond Vining
BATON ROUGE, LA
David Stephen Smith
ADDIS, LA
Emily Ruth Stelly
ARNAUDVILLE, LA
Caye Marie Drapcho
DENHAM SPRINGS, LA
Armand Dikran Melikyan
GONZALES, LA
Kara Lane Kepper
BATON ROUGE, LA
Matthew Donald LeBlanc
LAFAYETTE, LA
Mark Eric Thompson
GREENWELL SPRINGS, LA
Richard Charles Zaepfel
BATON ROUGE, LA
Michael David Hebert, Jr.
GREENWELL SPRINGS, LA
Scott Elliott Hoffman
GROSSE TETE, LA
Jamie Lynette Vallotton
BATON ROUGE, LA
Elba Alicia Urbina
BATON ROUGE, LA
Russell Alan Beauvais
MORGANZA, LA
Scott Craig Bourgeois
PAULINA, LA
Michael Ruellan Eby, Jr.
PLAQUEMINE, LA

Cease and Desist
Order for Out of
State P.E. regis-
trant.

John M. Smith, a Louisiana P.E., who resides out of state signed a Consent Order agreeing to sign and seal only those documents or professional work in Louisiana which were prepared under his personal supervision and control. The above action was based upon Mr. Smith's entering into a Settlement Agreement with the Ohio State Board admitting that he had sealed work in Ohio which was not done under his direct supervisory control and responsibility. He agreed to immediately cease and desist such actions.

Miscellaneous
Actions

In addition to the above, the Board received and investigated three formal sworn complaints. Said complaints were eventually dismissed as the investigations by the Board failed to confirm any violations of the Louisiana Statutes or Board Rules regarding the practices of engineering and/or surveying. Approximately fifteen new firms were registered from July to December 1998 as a direct result of enforcement efforts. Six letters of warning were issued to both in-state and-out of-state registrants for matters that did not warrant consideration of informal or formal disciplinary action. Two formal hearings were held between July and December 1998. One hearing regarded the practice of engineering by an unlicensed individual. The other hearing was based upon a felony conviction by an out-of-state P.E. registrant. The two formal hearings will not be summarized in detail until the Board decisions in each matter become final and the appeal period expires.

- Board Meeting Dates -

March 15-16, 1999

May 24-25, 1999

July 19-20, 1999



Board Enforcement and Disciplinary Actions

by Benjamin S. Harrison
Director of Enforcement

The Board continues to investigate alleged violations of statutes and rules which regulate the professional practices of engineering and land surveying in Louisiana. Substantiated violations result in disciplinary action being taken either through Consent Orders or by Board Orders following a formal hearing at which the respondent is adjudged guilty of one or more violations. Below are summaries of some of the disciplinary actions from July to December 1998.

Conflict of Interest Lee J. Castagnos, P.E., agreed to a Consent Order wherein he admitted to unintentional violations of statutes and rules regarding professional conduct. Mr. Castagnos accepted financial compensation from a mechanical equipment provider for CADD work and reviews of temperature control drawings on numerous projects for which Mr. Castagnos was also the project mechanical engineer and was being paid by his client or employer for mechanical design and review/oversight responsibilities of the project. Being paid by a supplier of materials for work associated with a project on which the engineer also had a faithful agent responsibility to his employer/client created a clear conflict of interest. Mr. Castagnos was fined \$5,000 and assessed costs of \$2,000. His professional engineer registration was suspended for three years with the suspension being stayed assuming successful completion of probation for three years. In addition, Mr. Castagnos must within six months successfully complete a "Basic Studies in Engineering Ethics" course through Texas Tech University and within thirty days successfully complete the Louisiana Laws and Rules Examination of the Board.

Signing and Sealing of plans not prepared under registrant's direct control and supervision. Inaccurate and incomplete plans. A P.E. registrant of Louisiana agreed to a Consent Order to resolve allegations that he signed and sealed plans submitted to the Fire Marshal's Office which were not prepared under the complete direction and control of the P.E. The P.E. was reprimanded, fined \$400.00 and required to successfully complete the Laws and Rules Examination of the Board.

A P.E. registrant of Louisiana agreed to a Consent Order to resolve charges that he reviewed and sealed plans on an engineering project which were not prepared under his complete direction and control. He also demonstrated an incomplete knowledge of life safety codes. The P.E. was reprimanded and required to successfully complete the Laws and Rules Examination of the Board. He also is restricted

Signing and Sealing of plans not prepared under registrant's direct control and supervision. Inaccurate plans. Corporation not registered.

from providing any engineering services involving the use of the life safety codes in connection with buildings until he provides proof of completion of an NFPA seminar on life safety codes.

A P.E. registrant of Louisiana 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 he knew to be inaccurate and not prepared under his complete direction and control and personal supervision. In addition to sealing violations, work was done by the P.E. outside of his area of competence. The P.E. also admitted providing engineering and surveying through his corporation for sixteen years without registration of the corporation as required by law. The P.E. paid a fine of \$750.00 and a cost assessment of \$750.00. He was required to complete the Board's Laws and Rules Examination, enroll in an Ethics and Professionalism Rules Course from Texas Tech University, and register his corporation with the Board.

A Louisiana P.E. agreed to a Consent Order to resolve allegations that he signed and sealed engineering plans submitted to the Fire Marshal's Office which were not prepared under his direct control and supervision. The plans contained subject matter outside of the P.E.'s area of expertise and were inaccurate and not in compliance with life safety codes.

The P.E.'s corporation was also not registered with the Board although engineering services had been offered through the firm since its incorporation in 1979. The P.E. was assessed a cost of \$750.00 to recover past firm registration fees and required to complete an NFPA Seminar of at least three days duration on Life Safety Codes. In addition, the firm was required to immediately apply for registration with the Board and the P.E. was required to successfully complete the Laws and Rules Examination of the Board.

Unlicensed offer to provide engineering through firm.

The owner of a Louisiana firm signed a Cease and Desist Affidavit wherein he acknowledged an unintentional violation of representing the firm as being able to provide a service which constituted engineering when the firm was not registered with the Board to offer or provide engineering. The firm agreed to cease any representation that the firm provides any engineering service.

Continuing Professional Development (CPD) Requirements for Professional Engineers and Land Surveyors

See Chapter 19 of the Rules of the Board. The forms and instructions are available upon request or may be downloaded from the Board's web site at <http://www.lapels.com>.

Registration Status:

Your ability to provide or offer to provide professional services and the amount of the biennial renewal fee depends on the status of your registration. Registrants in Active status have paid the required renewal fees and met all relevant Continuing Professional Development (CPD) requirements:

Code	Status	Description
A	Active	has complied with all the registration and renewal requirements of the board and may offer or provide professional services; regular fee applies.
I	Inactive	has chosen not to offer or provide professional services; must represent himself to the public as a <i>Professional Engineer or Land Surveyor, Inactive</i> ; regular fee applies.
R	Retired	has chosen not to offer or provide professional services; must represent himself to the public as a <i>Professional Engineer or Land Surveyor, Retired</i> ; regular fee reduced by 50%.
X	Expired	has failed to properly renew registration and can no longer offer or provide professional services; for reactivation, must pay a delinquent fee and meet the requirements of §2021.

Continuing Professional Development (CPD) for each biennial renewal period:

A. Professional Engineers must obtain 30 Professional Development Hours (PDH) in engineering related activities and at least one PDH shall be in professional ethics. Engineering registrants who design buildings and/or building systems shall earn a minimum of eight PDH in Life Safety Code, building codes and/or Americans with Disabilities Act Accessibility Guidelines.

B. Professional Land Surveyors must obtain 15 PDH in land surveying related activities and at least one PDH shall be in professional ethics. A minimum of four PDH shall be earned in the Minimum Standards for Property Boundary Surveys in Louisiana during any two consecutive biennial renewal periods.

C. Dual registrants, i.e., registrants who are both Professional Engineers and Professional Land Surveyors shall obtain 30 PDH during each biennial renewal period; however, at least one-third of the PDH shall be obtained separately for each profession, and at least one PDH shall be in professional ethics. Professional Engineer registrants who design buildings and building systems shall earn a minimum of eight PDH in Life Safety Code, building codes and/or Americans with Disabilities Act Accessibility Guidelines. Professional Land Surveyor registrants shall earn a minimum of four PDH in the Minimum Standards for Property Boundary Surveys in Louisiana during any two consecutive biennial renewal periods.

Excess Professional Development Hours:

If a registrant exceeds the biennial renewal period requirement, a maximum of 15 PDH may be carried forward into the subsequent biennial renewal period. PDH carried forward in professional ethics, Minimum Standards for Property Boundary Surveys, Life Safety Code, building codes and/or Americans with Disabilities Act Accessibility Guidelines may not exceed minimum biennial requirements in each of these categories.

Registrants must be prepared to verify compliance with these CPD requirements at the end of their first full biennial renewal period after January 1, 1999 and at the end of each subsequent biennial renewal period.

I hereby acknowledge that I understand the requirements for Continuing Professional Development (CPD) and that I must certify that I have met all Board requirements for CPD at the end of my next biennial renewal period and at the end of each subsequent biennial renewal period.

I understand that during an audit by the Board of Registration for Professional Engineers and Land Surveyors I will be required to submit documentation to validate completion of all CPD requirements. I further understand that failure to comply with such requirements or any statements made are in violation of L.R.S. 37:698 A. (13) and the Rules of the Board and could be cause for disciplinary action.

☐ I qualify for exemption based on: ☐ New Registrant ☐ Inactive Status ☐ Retired Status ☐ Other (Requires letter of explanation)

☐ Change the status of my registration in Louisiana as follows:

Professional Engineering Registration No. _____ : ☐ Inactive ☐ Retired ☐ Expired ☐

Professional Land Surveyor Registration No. _____ : ☐ Inactive ☐ Retired ☐ Expired ☐

Date _____ Signature _____ Daytime Telephone Number (____) _____

INTERNS MAY DISREGARD THIS CPD CERTIFICATION



Louisiana State Board of Registration for
Professional Engineers and Land Surveyors
10500 Coursey Boulevard Suite 107
Baton Rouge LA 70816-4045
(225) 295-8522 • Fax(225) 295-8525 • <http://www.lapels.com>

Registration Renewal Invoice

Invoice Number:	1234567
Invoice Date:	08/01/1998
Payment Due Date:	09/30/1998
Amount Due:	\$ 180.00

Jane Doe
123 Any Street
Any Town LA 70000

Unless payment is received by the due date shown
above, your registration will expire and you will incur
a 50% delinquent fee.

**YOU MUST COMPLETE THE CERTIFICATION ON
THE REVERSE SIDE OF THE RETURN FORM BELOW
TO RENEW YOUR REGISTRATION**

Date	Class	Number	Status	Description	Amount
08/01/1998	E	1000	A	Registration renewal fee	\$ 90.00
08/01/1998	L	2000	A	Registration renewal fee	\$ 90.00
Total amount due by Payment Due Date:					\$ 180.00

[This space will hold any special messages for the registrants]

Detach Here

DETACH AND RETURN WITH YOUR REMITTANCE • INDICATE ANY CHANGE OF ADDRESS BELOW

Detach Here

Louisiana State Board of Registration for
Professional Engineers and Land Surveyors
10500 Coursey Boulevard Suite 107
Baton Rouge LA 70816-4045

Make check payable to LSBRPELS

Invoice Number:	1234567
Invoice Date:	08/01/1998
Payment Due Date:	09/30/1998
Amount Due:	\$ 180.00
Amount Enclosed:	

E - 1000
Jane Doe
123 Any Street
Any Town LA 70000

Address

()
City

State

Zip

Daytime Phone

Your registration cannot be renewed unless you complete and sign the certification on the reverse side of this form.

PDH ACTIVITY LOG INSTRUCTIONS

You must complete the renewal invoice and return it to the Board with your renewal fee. The Board requires no other documentation at this time. The Board will conduct random audits to ensure compliance with CPD requirements. If you are selected for an audit, you will be required to provide the PDH Activity Log and all necessary documentation.

The PDH Activity Log is provided for your use and must be completed and submitted to the Board **only** in the event you are audited.

If you qualify for an exemption from the CPD requirements, you must certify your eligibility for the exemption on the renewal invoice. An exemption from the CPD requirements does not exempt you from the renewal fee.

Up to 15 PDH may be carried forward from the last biennial renewal period from line G of your last PDH Activity Log.

List your activities in the space provided on lines B₁, B₂, ... , using as many blocks as required. If you need additional space, duplicate the form and identify the duplicated form with your registration number. In the Date column furnish the dates of each activity, i.e., course, seminar, etc.

It is important that a sufficient title/description be provided to identify that the activity relates to engineering or land surveying. You must provide the name of the sponsoring organization and the location where the activity was held. For activities that are part of a college curriculum list course number.

PDH earned for PE or PLS credit should be placed in the appropriate columns. Enter the Activity Code (see list below) and PDH earned for each activity in the appropriate column. A PDH credit is roughly equivalent to fifty minutes of instruction.

ACTIVITIES		
Code	Activities - Type and Description	PDH Units
A	Successfully completing for credit acceptable college or correspondence courses	1 Semester hour = 45 PDH 1 Quarter hour = 30 PDH
B	Successfully completing acceptable courses which are awarded Continuing Education Units (CEU)	10 PDH for each CEU
C	Attending acceptable seminars, tutorials, short courses.	1 PDH for each contact hour
D	Attending acceptable in-house programs sponsored by corporations or other organizations	1 PDH for each contact hour
E	Attending acceptable workshops and technical presentations at related technical or professional meetings and conventions	1 PDH for each contact hour
F	Teaching or instructing any of the above courses, seminars, etc. or making presentations at technical meetings	2 x PDH earned in activities A - E
G	Membership in professional or technical associations or societies	1 PDH for each (maximum 3)
H	Authoring & Publishing	5 PDH for each paper

Professional Development Hours (PDH) Activity Log

Detailed List of Activities for the biennial renewal period indicated: Check one box: ☐ 1 Apr to 31 Mar Enter biennial renewal period expiration year: _____
☐ 1 Oct to 30 Sep

All activities must be relevant to the practice of engineering or land surveying and may include technical, ethical, or managerial content. Please read the Instructions before completing. This form may be duplicated if necessary. The registrant must maintain documentation of these activities. **Documentation will be required if you are selected for audit.**

	Date MM/DD/YY	Sponsor/Provider Location (City and State)	Title/Description of Activity	Activity Code (A,B,etc.)	Professional Development Hours (See Notes below)					
					Ethics ¹	PE ²	Code ³	PLS ⁴	MS ⁵	Total
A	PDH carryover from previous biennial renewal period ⁶									
B ₁										
B ₂										
B ₃										
B ₄										
C	PDH earned during this biennial renewal period. (B ₁ + B ₂ + ... B _n)									
D	PDH available for use in this biennial renewal period. (A + C)									
E	PDH claimed for use in this biennial renewal period.									
F	Excess PDH for this biennial renewal period. (D - E)									
G	PDH carryover available for the next biennial renewal period ⁷ .									

Notes:

1. Registrants must claim a minimum of 1 PDH in ethics for use during each biennial renewal period.
2. Professional Engineers must earn a minimum of 30 PDH in engineering; Dual registrants (PE + PLS) must earn a minimum of 30 PDH in engineering and land surveying to include a minimum of 10 PDH in engineering and 10 PDH in land surveying related activities during each biennial renewal period.
3. Professional Engineers who design buildings and/or building systems must earn a minimum of 8 PDH in Life Safety Code, building codes and/or Americans with Disabilities Act Accessibility Guidelines during each biennial renewal period.
4. Professional Land Surveyors must earn a minimum of 15 PDH in land surveying activities during each biennial renewal period.
5. Professional Land Surveyors must earn a minimum of 4 PDH in Minimum Standards for Property Boundary Surveys (MS) during any **two consecutive** biennial renewal periods. For MS, carryover of up to 4 PDH from line C is allowed, even if excess PDH (line F) is less than the carryover.
6. Maximum total carryover allowed is 15 PDH from line G of previous biennial renewal period's PDH Activity Log.
7. Carryover shall not exceed PDH earned during the biennial renewal period, i.e., line G shall not exceed line C. Carryover for Ethics, Code and MS shall not exceed the minimum biennial requirement for each category, i.e., 1 PDH (Ethics), 8 PDH (Code), 4 PDH (MS).

the Armed Forces of the United States for a period of time exceeding one hundred twenty (120) consecutive days in a calendar year or physical disability, illness, or other extenuating circumstances, as reviewed and approved by the board. Supporting documentation must be furnished to the board.

See §2021 regarding requirements that expired, inactive and retired registrants must fulfill to return to active professional practice.

Reciprocity/Out-of-Jurisdiction Resident. If you currently reside and are registered in another state where CPD is required, your Louisiana CPD requirement will be fulfilled when you comply with the requirements of your state of residence; however, nonresidents practicing building design or building systems design in Louisiana and nonresidents practicing land surveying in Louisiana must meet the special requirements listed below. If your state of residence has no CPD requirement you must meet all the Louisiana CPD requirements.

Special Requirements:

- Professional Land Surveyors must complete and report a minimum of 4 PDH in Minimum Standards (MS) during any two consecutive biennial renewal periods. You must also complete and report one PDH in ethics during each biennial renewal period.

- Professional Engineers who design buildings for human occupancy must complete a minimum of 8 PDH during each biennial renewal period in Life Safety Code, building safety codes and/or Americans With Disabilities Act Accessibility Guidelines. You must also complete and report one PDH in ethics during each biennial renewal period.

Dual Registrants (PE+PLS) must complete 30 PDH with at least 10 PDH obtained within each profession (see §2005.C). PDH in professional ethics is required of all registrants. No distinction is made between engineering ethics and land surveying ethics.

Certification of CPD Compliance You must complete the certification on the renewal invoice and return it to the Board with your renewal fee.

PDH ACTIVITY LOG

The PDH Activity Log on page ? is provided for your use and must be completed and submitted to the Board only if you are audited. You may make additional copies of this form if necessary. The detailed list of your activities showing categories as provided by the rule should be completed and totaled to ascertain the current PDH credit. You should pay close attention to the instructions on the form.

Detailed Listing of Required Educational Activities

List your activities in the space provided using as many blocks as required. If you need additional space, duplicate the form and identify the duplicated form with your registration number. Under the column, Date, furnish the date of each course, seminar, etc.

It is important that a sufficient title/description be provided to identify that the activity relates to engineering or land surveying. You must provide the name of the sponsor/provider and the location where the activity was held. For activities that are part of a college curriculum list the course number.

PDH earned for PE or PLS credit should be placed in the appropriate columns. Enter the Activity Code (see list below) and the num-

ber of PDH earned for each activity in the appropriate column. A PDH credit is roughly equivalent to fifty minutes of instruction.

Up to 15 excess PDH may be carried forward from your last biennial renewal period. Carryover for Ethics, Code and Minimum Standards, etc. shall not exceed the minimum biennial requirement for each category, i.e., 1 PDH (Ethics), 8 PDH (Code), 4 PDH (MS); however, additional PDH in these required categories may be carried forward and applied to the general categories of engineering or land surveying.

General Requirements - All activities for which PDH credits are claimed must be relevant to the practice of engineering for Professional Engineers or land surveying for Professional Land Surveyors and may include technical, ethical, or managerial content. These activities should advance the professional or technical competence of the registrant.

Qualifying educational activities may be sponsored or presented by college or universities, by employers, by government agencies, by nationally affiliated engineering or land surveying technical or professional societies, or by other organizations. The Board does not pre-approve courses for PDH credit. It is your responsibility to assure that the activities in which you participate meet the requirements.

You may claim non-sponsored or unapproved activities; however, you must insure that you maintain documentation adequate to substantiate the contents of such activities.

Educational activities to meet Louisiana's continuing education requirement can be earned in any jurisdiction or territory.

Typical activities that will qualify are:

- Attending acceptable college level and continuing education courses.
- Completing or attending acceptable workshops, seminars, instruction, in-house programs, or training.
- Attending technical or professional society meetings which include acceptable workshops or technical presentations.

Typical activities that will not qualify are:

- Regular employment
- Real estate licensing courses
- Personal, estate or financial planning
- Self study or personal self improvement courses
- Service club meetings or activities
- Equipment demonstrations or trade shows
- Topics not relevant to engineering or land surveying
- Enrollment without attendance at courses, seminars, etc.
- Attending committee and business meetings of any organization
- Conversational language courses for personal use

We require no documentation at this time. The Board will audit a selected percentage of all renewals to ensure compliance with professional development requirements. If your name is selected for an audit, you will be contacted to provide the PDH Activity Log and all necessary documentation.

You should maintain all records of attendance and completion of PDH credits for three consecutive renewal periods (6 years) for audit purposes.

If we accept your renewal application and renewal fee and the Board later notifies you that PDH credit claimed is disallowed, you will have 120 days after notification to provide further information for substantiation or to obtain the necessary PDH to meet the requirement.

1. Fifty contact minutes of instruction or attendance at an activity = one PDH.
2. Membership in engineering and land surveying professional associations or technical societies = one PDH per biennial registration renewal period for each professional or technical association or society. A maximum of three PDHs will be allowed per biennial registration renewal period.
3. In accordance with §2011.A.1, 2, and 3, credit for teaching or making presentations may be earned at twice the PDHs allowed for attending a course, but shall not exceed 30 PDHs in any biennial registration renewal period.
4. Authoring and publishing peer reviewed (refereed) articles/papers in engineering or land surveying journals = 10 PDHs.
5. Authoring and publishing nonpeer reviewed (nonrefereed) articles/papers in engineering or land surveying journals = five PDHs.
6. Each patent = 10 PDHs.

§2015. Record Keeping

A. All renewal applications will require the completion of a board-approved renewal form. This form will contain an affirmation of eligibility certifying that the registrant has met all requirements for registration renewal, including CPD requirements.

B. In addition, the registrant will be required to maintain and document a worksheet form specified by the board outlining PDHs claimed. The registrant must:

1. supply sufficient detail on the form to permit audit verification;
2. certify and sign the form; and
3. submit the form to the board upon request.

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

§2017. Audit and Review of Records

A. The board may request, at any time, that a registrant provide proof of compliance with all CPD requirements.

B. Additionally, the board will conduct random audits of biennial renewals of up to 30 percent of all board registrants.

C. Additionally, the board will require that all registrants against whom formal disciplinary charges are pending in Louisiana provide proof of compliance with all CPD requirements.

D. Should the registrant fail to provide proof of compliance, or if discrepancies or deficiencies are discovered as the result of any of the reviews provided for in §2017.A-C, the registrant will be deemed not in compliance.

§2019. Failure to Comply

A. When a registrant is deemed not in compliance with the CPD requirements of the board, the registrant will be so notified and given 120 days to satisfy the board requirements. The registrant must provide documented evidence of compliance accompanied by the registrant's affidavit attesting to such compliance and payment of an administrative fee of \$200. Failure to comply will subject the registrant to disciplinary action as provided in L.R.S. 37:698.

§2021. CPD Reinstatement

A. To become reinstated, an *Expired*, *Inactive*, or *Retired* registrant must show proof of having obtained all delinquent PDHs. However, the maximum number required will be the number of PDHs required for one biennial registration renewal period as provided in §2005.

Instructions for PE and PLS CPD Verification in Louisiana

These instructions are to assist you in determining if you have successfully completed all CPD requirements prior to certifying this fact on the biennial renewal invoice. CPD requirements outlined in L.A.C., Title 46, Part LXI, Chapter 20, Rules of the Board (see page ?) stipulate that all Professional Engineers and Land Surveyors must meet the CPD requirements at the end of their first full biennial renewal period after January 1, 1999 and at the end of each subsequent biennial renewal period. The requirements are summarized below:

Class	PDH	Type of Activity
PE	30 PDH	Engineering Related
PLS	15 PDH	Land Surveying Related
PE+PL S	30 PDH	Engineering Related (Minimum 10 PDH) Land Surveying Related (Minimum 10 PDH)

New Renewal Invoice Form

Review the new renewal invoice on page ?.

You must return the bottom portion of the invoice to indicate any change of address and complete the certifications on the reverse side. If you do not wish to renew your registration or you wish to change the status of your registration, check the appropriate box on the form. If you qualify for an exemption from the CPD requirements, you must certify your eligibility for the exemption on the renewal invoice. An exemption from the CPD requirements does not exempt you from the renewal fee.

Who may claim an exemption from the CPD requirements?

- New registrants shall be exempt from the CPD requirements at the time of their first renewal.
- Registrants who submit a formal notification to the Board or who certify their status as "Inactive" on the renewal form shall be exempt from the CPD requirements and must meet the conditions of §1903 (See page ?)
- Registrants who certify their status as "Retired" shall be exempt and must meet the conditions of §1903 (See page ?)
- An exemption requested for "Other" will require a letter of explanation. Such exemption might include service on active duty in

Continued on page 36

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

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

B. During each biennial registration renewal period, every land surveyor registrant is required to obtain 15 PDHs in land surveying related activities.

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

2. A minimum of four PDHs shall be earned in the Minimum Standards for Property Boundary Surveys in Louisiana during any two consecutive biennial periods.

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

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

2. A minimum of four PDHs shall be earned in the Minimum Standards for Property Boundary Surveys in Louisiana during any two consecutive biennial periods.

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

D. Excess PDHs

1. If a registrant exceeds the biennial registration renewal period requirement, a maximum of 15 PDHs may be carried forward into the subsequent biennial registration renewal period.

2. Excess PDHs may include, without limitation, those obtained in professional ethics, Minimum Standards for Property Boundary Surveys, Life Safety Code, building codes and/or Americans with Disabilities Act Accessibility Guidelines.

E. Registrants will be required to verify compliance with these CPD requirements at the end of their first full biennial registration renewal period which begins after the effective date of these rules and at the end of each subsequent biennial registration renewal period.

§2007. Reciprocity/Out-of-Jurisdiction Resident

A. The continuing professional development requirements for Louisiana will be deemed as satisfied when a nonresident provides evidence of having met the requirements of the registrant's resident jurisdiction; provided, however, that as part of satisfying these requirements nonresidents practicing building design or building systems design in Louisiana must meet the requirements of §2005.A.2 or §2005.C.3, as applicable, and nonresidents practicing land surveying in Louisiana must meet the requirements of §2005.B.2.

B. If the registrant resides in a jurisdiction that has no continuing professional development requirements applicable to that registrant, the registrant must meet all requirements of Louisiana set forth in §2005.

§2009. Exemptions

A. A registrant may be exempt from the continuing professional development requirements for any one or more of the following reasons.

1. New registrants shall be exempt at their first renewal. Compliance with the CPD requirements must be certified upon the registrant's second renewal and thereafter.

2. A registrant serving on active duty in the armed forces of the United States for a period of time exceeding 120 consecutive days in a biennial registration renewal period shall be exempt from obtaining the PDHs required during that biennial registration renewal period.

3. Registrants experiencing physical disability, illness, or other extenuating circumstances as reviewed and approved by the board may be exempt. Supporting documentation must be furnished to the board.

4. Registrants who certify their status as *Inactive* on the board-approved renewal form and who further certify that they are no longer offering or practicing professional engineering and/or professional land surveying in Louisiana shall be exempt. In the event such a person elects to return to the active practice of professional engineering and/or professional land surveying, the registrant must meet the requirements set forth in §2021.

5. Registrants who certify their status as *Retired* on the board-approved renewal form and who further certify that they are no longer offering or practicing professional engineering and/or professional land surveying in Louisiana shall be exempt. In the event such a person elects to return to the active practice of professional engineering and/or professional land surveying, the registrant must meet the requirements set forth in §2021.

§2011. Determination of Credit

A. PDHs may be earned as indicated in §2013 for the following Acceptable Activities:

1. successful completion of college courses, correspondence courses, continuing education courses, seminars, tutorials, short courses and/or by teaching/instructing these items;

2. attending or presenting qualifying seminars; in-house courses sponsored by corporations, agencies or other organizations; workshops; or professional/technical presentations made at meetings, conventions, or conferences;

3. obtaining teaching credit for teaching/instructing or presenting; to obtain teaching credit for teaching/instructing or presenting, registrants must be able to document that research and preparation were necessary, such as in the case of a first-time teaching;

4. membership in engineering and land surveying professional associations or technical societies;

5. authoring and publishing articles in engineering or land surveying journals;

6. obtaining patents.

B. PDHs may not be earned through informal, nonstructured activities such as reading technical journals.

C. The board has final §2013. **Units**

A. The conversion of other units of credit to PDHs is as follows.

1. One college or unit semester hour = 45 PDHs.

2. One college or unit quarter hour = 30 PDHs.

3. One Continuing Education Unit = 10 PDHs.

B. PDH credit will be awarded as follows.

Title 46 PROFESSIONAL AND OCCUPATIONAL STANDARDS

Part LXI. Professional Engineers and Land Surveyors

Chapter 19. Certificates of Registration; Certification of Individuals or Corporations

§1903. Registration Status

Active Status—the registration status which exists for a registrant of the board who has complied with all the registration and registration renewal requirements of the board.

Expired Status—the registration status which exists for a board registrant who has failed to properly renew registration as required in L.R.S. 37:697 and 37:697.1. A registrant in an *expired status* can no longer offer or provide professional engineering or professional land surveying services in Louisiana.

Inactive Status—the registration status which exists for a registrant of the board who has chosen not to offer or provide professional engineering services and/or professional land surveying services in Louisiana and who has indicated that fact on the board biennial registration renewal form. This registrant can represent himself to the public as a *P.E. Inactive*, or a *P.L.S. Inactive*, but cannot otherwise offer or provide any professional engineering services and/or professional land surveying services in Louisiana.

Retired Status—the registration status which exists for a registrant of the board who has chosen not to offer or provide professional engineering services and/or professional land surveying services in Louisiana, and who has indicated that fact on the board biennial registration renewal form. To qualify for the *retired status*, the registrant must be at least 70 years of age or have been a registrant of the board for at least 35 years. The renewal fee for the *retired status* shall be one-half of the current renewal fee for the *active status*. This registrant can represent himself to the public as a *P.E. Retired*, or a *P.L.S. Retired*, but cannot otherwise offer or provide professional engineering services and/or professional land surveying services in Louisiana.

Chapter 20. Continuing Professional Development (CPD)

§2001. Introduction

A. Chapter 20 provides for a continuing education program to insure that all professional engineers practicing engineering, and professional land surveyors practicing land surveying, remain informed of those technical and professional subjects necessary to safeguard life, health, property and promote the public welfare. Beginning on January 1, 1999, every registrant shall meet the continuing professional development requirements of LAC 46:LXI.Chapter 20 as a condition for registration renewal.

B. The primary purpose of licensing for professional engineers and professional land surveyors is to protect the public from unqualified or unethical practitioners. The requirement for continuing professional development is also intended to protect the public by reinforcing the need for lifelong learning in order to stay more current

with changing technology, equipment, procedures, processes, tools, and established standards. Chapter 20 provides flexibility in selecting among a broad range of subjects that are intended to strengthen or maintain competency in technical, managerial (business) or ethical fields. Registrants are encouraged to select meaningful CPD activities which will be of benefit in the pursuit of their chosen fields.

§2003. Definitions

Terms used in Chapter 20 are defined as follows:

Acceptable Activity—subject matter which is technical in nature or addresses business management practices, professional ethics, quality assurance, codes or other similar topics which facilitate the registrant's professional development as a professional engineer or professional land surveyor, and/or serves to safeguard life, health, property and promote the public welfare. Any course/activity offered or approved by a *Board-Approved Sponsor/Provider* will qualify as an *Acceptable Activity* (see definition of *Board-Approved Sponsor/Provider*). It will be the responsibility of the registrant attendee to determine if a course or activity offered by an unapproved *Sponsor/Provider* is an acceptable activity.

Board—Louisiana State Board of Registration for Professional Engineers and Land Surveyors.

Board-Approved Sponsor/Provider—the Louisiana Engineering Society; the Louisiana Society of Professional Surveyors; professional and technical engineering or land surveying societies; federal, state or local government agencies; colleges or universities; and any individual, firm, corporation or educational institution approved by the board on a case-by-case basis. All sponsors/providers must conduct courses which will enhance and improve a registrant's professional development as a professional engineer or professional land surveyor, and/or serve to safeguard life, health, property and promote the public welfare. Failure to do so will be grounds for the board to revoke its sponsorship/provider approval.

Continuing Education Unit (CEU)—a unit of credit customarily used for continuing education courses. One continuing education unit equals 10 hours of class in approved continuing education courses.

Continuing Professional Development (CPD)—the educational process whereby a professional engineer or professional land surveyor registrant engages in a continuing program to maintain, improve or expand skills and knowledge.

Course/Activity—any qualifying program with a clear purpose and objective which will maintain, improve or expand the skills and knowledge relevant to the registrant's field of practice.

Dual Registrant—a person who is registered in both land surveying and one or more branches of engineering.

Professional Development Hour (PDH)—a nominal contact hour of instruction or presentation.

Registration Status—

- Active Status—a registrant of the board as defined in §1903.
- Expired Status—a registrant of the board as defined in §1903.
- Inactive Status—a registrant of the board as defined in §1903.
- Retired Status—a registrant of the board as defined in §1903.

§2005. Requirements

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

SCHEDULE OF EXAMINATIONS

Examination	Examination Date	Application Postmark Deadline Date
Principles & Practice of Engineering (8 hr):		
Civil (including Structural and Sanitary), Chemical, Electrical, Environmental, and Mechanical	04/23/1999	01/25/1999
	10/29/1999	08/02/1999
	04/14/2000	01/16/2000
Agricultural, Control Systems, Industrial, Metallurgical, Mining, Nuclear, and Petroleum	10/29/1999	08/02/1999
	10/27/2000	07/31/2000
	10/26/2001	07/30/2001
Principles & Practice of Land Surveying (6 hr)		
	04/23/1999	10/26/1998
	10/29/1999	05/03/1999
	04/14/2000	10/17/1999
LA Laws & Procedures of Land Surveying (2 hr)		
	04/23/1999	10/26/1998
	10/29/1999	05/03/1999
	04/14/2000	10/17/1999
Fundamentals of Land Surveying (8 hr)		
	04/24/1999	10/26/1998
	10/30/1999	05/03/1999
	04/15/2000	10/17/1999
Fundamentals of Engineering (8 hr)		
	04/24/1999	01/25/1999
	10/30/1999	08/02/1999
	04/15/2000	01/16/2000

CPD Sponsorship



H. Glen Kent, Jr., PLS

The recent passage of the CPD rules has placed a great responsibility on preapproved sponsors to take the lead in "offering" or "approving" acceptable CPD activities. It is imperative that CPD activities offered in Louisiana be of high quality and applicable to the diverse professional needs of the engineers and land surveyors of this state. The Board recognized that the best way to insure high quality and diversity was to designate pre-approved sponsors who represent a veritable cross-section of the engineering and surveying communities.

The legislature had previously recognized that engineering, and to a lesser degree, land surveying, are professions which are very diverse and intricately involved with almost every aspect of our lives. L.R.S. 37:682 provides in part, as follows:

(8) "Practice of engineering" shall mean responsible professional service which may include consultation, investigation, evaluation, planning, designing, or inspection of construction in connection with any public or private utilities, structures, machines, equipment, processes, works, or projects wherein the public welfare, or the safeguarding of life, health, and property is concerned or involved, when such professional service requires the application of engineering principles and the interpretation of engineering data

(9) "Practice of land surveying" shall include the measuring of areas, land surfaces, streams, bodies of water, and swamps, for correct determination and description, for the establishment, reestablishment, ascertainment, or description of land boundaries, corners, divisions, distances, and directions, the plotting and monumenting of lands and subdivisions thereof, and mapping and topographical work. . . .

These definitions illustrate the great diversity inherent to the engineering and land surveying professions. Due to this diversity, the Board realized that a CPD program had to provide quality diverse activities to be effective. What better way to provide and ensure quality diverse activities than to permit the professional societies; technical societies; government agencies; and institutions of higher learning to either sponsor or approve such activities? Thus, these groups, representing diverse engineering and surveying interests, were empowered by the Board to provide and approve continuing professional development activities for their constituents.

The Board reserved the right to approve additional sponsors in §2003 - Board-Approved Sponsor/Provider. However, the Board urges all interested parties to contact one of the preapproved sponsors through which they could coordinate and sponsor their programs. The preapproved sponsors would allow greater visibility within the Louisiana engineering and surveying communities. It is anticipated that these sponsors will be offering a CPD web site to advertise available CPD activities.

Sponsor/Provider applications are available for those desiring Board approval. These forms can be found on the Board home page at www.lapels.com.

Governor Appoints Two New Board Members

Governor Foster has appointed Morgan M. Watson, P.E., replacing Vernon F. Meyer, P.E., P.L.S. and William H. Miller, P.E., P.L.S. replacing Richard M. Primeaux, P.E., P.L.S. whose terms had expired. Both are to serve the Board for six years.



Morgan M. Watson

Mr. Watson was born in St. Joseph, LA on November 25, 1943, and attended public schools in Tensas Parish, graduating from Tensas Rosenwald High School as Valedictorian in 1961. He attended Southern University on academic scholarship, graduating with honors in 1966 with a B.S. in Mechanical Engineering. While in college he participated in various activities including a full year as co-op student at

Marshall Space Flight Center, Huntsville, Alabama, and was selected for Who's Who Among Students in American Colleges and Universities.

Mr. Watson accepted a job as Thermodynamics Engineer with Chrysler Corporation Space Division at Michoud Assembly Facility in New Orleans upon graduation. He pursued a M.S. Degree in Physics on a part-time basis at UNO, transferring to LSU in Baton Rouge and receiving M.S. in Mechanical Engineering in 1971. He accepted a position on faculty at Southern University in Baton Rouge in 1968, and entered the Ph.D. program at LSU, but left after completing most of the coursework to enter private practice full-time. While teaching at Southern University, he advanced to become chairman of the Mechanical Engineering Department (1972-76) and Assistant to the Dean of Engineering (1975-76). He also served as visiting lecturer at LSU on several occasions, teaching Mechanical Engineering and Architecture courses.

Mr. Watson became a registered professional engineer in 1971, and, along with Dean M. Q. Burrell, P.E., Dr. Press Robinson and various other Southern University professors and recent graduates, organized Minority Engineers of Louisiana (MEL), Incorporated in 1972 after realizing that absolutely no opportunities existed in the deep south for blacks and other minorities as engineers in private practice. He served as President and Chairman of the Board until the company was restructured as MEL-Jordan-LACE, Inc. in 1996, and is responsible for: overall leadership of the company; managing the marketing effort from initial client contact, through proposal preparation and presentation, to contract negotiations and award; contract administration; serving as Principal-in-Charge on all engineering, surveying, and construction quality assurance services projects for federal, state and local government agencies, and industrial and private clients; serves as Project Manager in responsible charge on all projects involving technical support services, and mechanical engineering design, including energy conservation studies, and the preparation of plans and specifications for HVAC and solar energy systems.

Mr. Watson's professional activities include serving on the Board of Governors of the Consulting Engineers Council of Louisiana (CEC/L) for ten (10) years; President of CEC/L (1992-93); National Director of the American Consulting Engineers Council (1993-94); President of the National Association of Black Consulting Engineers (1992-present); Louisiana Minority Small Business Person of the Year

(1990); and member of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors.

Mr. Watson has authored several technical papers; served as Principal Investigator on several research projects; is a registered professional engineer in four (4) states; and holds membership in various technical and professional societies including ASME, LES, NSPE, AEE, SAME, ASEE, American Solar Energy Society, and Pi Tau Sigma Honorary Mechanical Engineering Fraternity. He enjoys teaching and serves as part-time Associate Professor of Mechanical Engineering at Southern University, teaching courses in Thermodynamics, Thermal Environmental Engineering, Technical Communications, and Fluid Mechanics to Engineering, Architecture, and Technology students.

Mr. Watson is active in both the church and the community, serving as Deacon at Mt. Pilgrim Baptist Church, and he served as Sunday School Superintendent for thirteen years; he is a former member of the Baton Rouge Private Industry Council; the Early Risers Kiwanis; life member of Southern University Alumni Federation; member of NAACP, and member of Omega Psi Phi Fraternity, to name a few.

Mr. Watson is married to the former Helen Marie Johnson of Newellton, LA with three grown children, Morgan Jr., L'Tanga, and Michael, plus one grandchild, Kennedy Ares Watson.



William H. Miller, P.E., P.L.S.

William H. Miller was appointed to the Board by Governor Foster on October 27, 1998. He is a registered Professional Engineer in Civil Engineering and a registered Land Surveyor in the State of Louisiana.

Mr. Miller graduated from Louisiana State University in 1950 where he earned a B.S. in Civil Engineering. He has been with the firm of F. Miller & Sons, Inc. since 1953 and is currently the company's Vice-President.

Mr. Miller is active in several professional organizations including the Louisiana Engineering Society, National Society of Professional Engineers, American Society of Civil Engineers and Deep Foundations Institute. He has served as L.E.S. Chapter Secretary, Vice-President, and President in Lake Charles. He has also served as L.E.S. State Chairman of Professional Engineers in Construction and State Chairman of Ethics and Professional Conduct Committee. He is also active in Associated General Contractors of America, having served as Vice-President and President of the Lake Charles Chapter.

Mr. Miller is a member and past President of the Lake Charles Optimist Club, and past Board Member of Sowela Area Camp Fire Girls. He is presently serving as an Advisor at Sowela Technical Institute and serving on the Board of Directors for Boys/Girls Villages.

Mr. Miller is married to the former Linda Corley and they have seven children and seven grandchildren. He and his family are active members of the Trinity Baptist Church in Lake Charles. Mr. Miller presently serves as Sunday School teacher and has served on three Building Committees, and as a Deacon and Trustee.

We are pleased to welcome Mr. Watson and Mr. Miller to the Board.



LA State Board for Professional Engineers & Land Surveyors



MESSAGE FROM THE CHAIRMAN...

Jorge M. Ferrer, P.E.

The two subjects that I would like to address in this issue are the Board's 1999 legislative agenda and current enforcement activities.

During the last several months, the Board's Liaison, Law and Licensure Procedures Review Committee worked long hours on the 1999 legislative agenda. This committee completed the first draft in time for the Board's October meeting. By completing this very important task in an early fashion, the Board was able to distribute the proposed legislative changes to the Professional Societies well before the year's end. It is the intent of the Board that the 1999 legislative agenda be widely discussed by all the concerned entities before the start of this year's legislative session in late March.

In closing, my remarks on this subject, I would like to recognize the committee's efforts, specifically Allison J.P. Launey's leadership and tenacity. I would also like to recognize the Board's staff under the guidance of Glen Kent.

Fair and meaningful enforcement of the Board Rules and Statutes is a very demanding task, to say the least. The Board is very fortunate

to have persons with the experience and ability of Ben Harrison and the knowledge and dedication of the assistance and advice he receives from the Board's attorney and investigators.

The integrity of an enforcement program is dependent upon the impartial and prompt resolution of each matter before the Board. Maintaining integrity of the enforcement process is necessary to uphold the Board's credibility. Both integrity and the perception of integrity are essential to a good enforcement program. It must be clear to all licensees that the Board considers compliance with the Rules and Statutes of paramount concern. At the same time, however, the Board must show fairness and compassion when engaged in enforcement activities. This delicate balance between integrity and fairness demands a dedicated board and staff.

As we just begin a new year, I want to wish you a very happy, healthy and prosperous year.

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
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Member
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Member
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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

The Board's site on the World Wide Web contains the most current and useful information of the registrants. The address (URL) of the home page is <http://www.lapels.com>.

The information currently available includes:

- Contacts at the Board including names, functions and e-mail address
- Board Members
- CPD requirements and forms
- Current examination schedule
- Information about seals/stamps and firm applications
- Fee Schedule
- Law and Rules of the Board
- Firm application Instructions
- Listing of registered individuals and firms

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.

CEC/L WELCOMES NEW MEMBERS

CEC/L acknowledges and warmly welcomes three new members:

C.D. MORGAN & ASSOCIATES, INC., 100 Beauvais, Lafayette, LA 70507. The firm is owned by Chris D. Morgan, a mechanical engineer.

C.F. PICO, INC., No. 3, Riverbend Lane, Covington, LA. Courtney Picou moved to Covington and is offering services in Chemical Engineering.

WILLIS ENGINEERING, INC., 1436 Peterman Drive, Alexandria, LA. The firm, owned by Frank Willis, is qualified to offer Civil and Environmental Engineering, and Surveying.

CEC/L encourages all three to take an active part in chapter and state activities. **WELCOME ABOARD!**



My good friend and counterpart from Oklahoma, Jim Sullins, had a very interesting and thought provoking article in his CEC/Oklahoma January, 1999 newsletter. I thought I would pass on to you.

THE RISK OF ELECTRONIC COMMUNICATIONS

Using the Internet for research and communications is becoming a basic part of every professional service firm's operations. Internet use can be valuable and productive, but the abuse of electronic research and communication can deprive firms of productive time, and can also subject firms to potentially significant liability.

Case law has held employers liable for employee misuse of e-mail and web access in situations ranging from sexual harassment to trademark and copyright infringement. And, because of employer responsibility for the acts of employees, even employee statements in Internet chat rooms could be deemed to be employer-authorized. These statements may subject the employer to claims involving contact obligations, defamation, invasion of privacy, and infliction of emotional distress.

Many professional service firms have created Internet and e-mail use policies. In fact, while many circulate such policies, some have programmed reminders which appear on computer log-in screens. Some firms have included the following employee advisory suggestions in their Internet and e-mail policies:

- Transmissions are not private. (Courts have ruled that all e-mail is an inherently public means of communications in which users lack any reasonable expectation of privacy).
- Use may (or will) be subject to monitoring. (Although it is a felony to intentionally intercept electronic communications, the monitoring of employees' electronic messages does not violate the federal statute because that law does not prohibit the mere retrieval of messages stored on a computer system.)
- Only company-related use is authorized; any personal use, or any use for illegal or unethical purposes, is prohibited.
- Unauthorized Internet or e-mail use can lead to disciplinary action up to and including discharge.

E-mail based project documentation systems and Internet research, electronic exploration, and the interchange of information will continue to accelerate with the availability of project-specific web sites. Forms may need to limit use of electronic communication to enhance productivity and increase firm profitability.



CEC/L ACTIVITIES

Consulting Engineers Council of Louisiana has been busy this year, working on several activities:

- At the request of LDOTD, the CEC/L Transportation Committee is working with that agency to provide input on the LDOTD draft procedure for its Design/Build Pilot Program.
- By the time this article appears in this February issue, we will have moved the CEC/L offices into the new Louisiana Engineering Center. You all are encouraged to come and check out the place. It's beautiful! **(The Foundation would also be willing to accept a contribution from you!)**
- CEC/L is planning a top notch JOINT ANNUAL MEETING with the Councils in Alabama and Mississippi. The meeting will take place on July 8-11, 1999 on the Alabama coast. There will be a lot of fun time as well as some seminars for your continuing education pleasure. Brochures will be mailed shortly.
- A special ad hoc committee has been hard at work revising and updating the CEC/L Strategic Plan. Conceived in 1994 as a 5-year plan, the Strategic Plan contains many objectives that have been accomplished and some that have not. The committee has admonished the Board of Governors that the document should be a "living" document that is reviewed and implemented on a regular basis rather than one that will sit on a shelf gathering dust.
- Another ad hoc committee has been working diligently to move the Council into the electronic present. The goal of the committee is to create and maintain a web site. The Council staff is busy creating address books for use in e-mail transmissions. Part of the Strategic Plan sets forth guidelines and deadlines in this area.
- CEC/L continues to maintain an active liaison with the Louisiana section of the American Institute of Architects, Louisiana Department of Transportation and Development, the State Fire Marshal's office, and the Associated General Contractors of Louisiana.
- CEC/L is planning to host at least two more seminars this year, which will qualify for PDHs for continuing education requirements.

department heads. We also participate on a committee created by the Legislature, which will study the feasibility of privatizing LDOTD design projects. CEC/L continues to represent and safeguard the interests of the private consulting engineer.

- CEC/L established an on-going liaison committee with AIA-Louisiana to discuss matters of mutual concern to the engineers and architects.
- CEC/L established a liaison with the Registration Board to discuss the drafting of the continuing education guidelines.
- CEC/L sponsored a Public Bid Law seminar featuring Bill Wray, AGC's legal counsel. CEC/L was ensured a position by the Legislature on the Public Bid Law Study Commission.
- CEC/L provides discounts to its members on quality publications through the CEC/L-Zweig/White "Partners in Publishing" promotion program.
- CEC/L is a member of a liaison committee with the State Fire Marshal's Office, which meets quarterly to discuss design code issues

If you would like additional information on Consulting Engineers Council of Louisiana, kindly complete the form below and mail it to CEC/L, P.O. Box 1549, Baton Rouge, LA 70821-1549.

I WOULD LIKE MORE INFORMATION IN CEC/L!

(Name)

(Firm)

(Address)

THE LOUISIANA ENGINEERING CENTER: A DREAM COME TRUE

The Louisiana Engineering Center, once a dream, is now a reality! The design and construction moved along at an unbelievably fast pace and has been occupied to date by the Louisiana Engineering Foundation, Louisiana Engineering Society, Louisiana Society of Professional Surveyors, and Consulting Engineers Council of Louisiana. The State Board of Registration is expected to move in sometime in November of this year. No first class facility comes without its price. There has been a lot of contributions collected by the Foundation to help defray the total cost of the building; however, WE are asking you to make a substantial contribution which will be used to pay off the remaining mortgage. IF YOU HAVE NOT GIVEN, PLEASE MAKE A SERIOUS EFFORT TO DO SO. THIS TYPE OF FACILITY IS A FIRST FOR LOUISIANA, A BUILDING WHICH HOUSES THE OFFICES OF

FOUR ENGINEERING AND SURVEYORS ORGANIZATIONS AND THE REGISTRATION BOARD. THIS IS YOUR BUILDING!

ALL CONTRIBUTORS WILL BE PROPERLY ACKNOWLEDGED ON PLAQUES THAT WILL HANG ON THE MEMORIAL WALL IN THE LOBBY.

There are several categories for contributions:

FRIEND	\$50-\$249
SUPPORTER	\$250-\$999
BENEFACTOR	\$1,000-\$4,900
SUSTAINER	\$5,000-\$9,999
NOBLE DONOR	\$10,000-\$24,999
ROYAL DONOR	\$25,000-\$49,000
HALL OF HONOR	\$50,000 & OVER

SEND YOUR CHECK, MADE PAYABLE TO THE LOUISIANA ENGINEERING FOUNDATION, TO

LOUISIANA ENGINEERING FOUNDATION
9643 BROOKLINE AVENUE
BATON ROUGE, LA 70809

Since the Foundation is a non-profit, tax-exempt 501-C-3 organization, your donations are deductible in accordance with provisions of the tax law.

THE FOUNDATION NEEDS YOUR SUPPORT. PLEASE SEND YOUR CHECK TODAY!



A RETIREMENT PLAN DESIGNED FOR YOU

Consulting Engineers Council of Georgia have made some interesting observations about the ACEC Retirement Trust, so says Nancy L. Barrette, Retirement Planning Advisor for Prudential. Don Kinser, P.E., President of CEC/Georgia, says, "In late 1996 when EDI (his firm) was considering a new 401k plan, we surveyed the market and looked at nearly a dozen different providers. We found that the ACEC plan was hands down the best choice. The ACEC plan provided the lowest administrative costs, superior participant reporting, and a willingness to educate participants and a competitive family of investment options with lower fund charges. We have been with the ACEC plan for over a year and I would highly recommend the plan to any member. Whether you are just considering a 401k plan or already have one, you should give this plan serious consideration. It is one of many tremendous ACEC member benefits."

Because ACEC (American Consulting Engineers Council) is made up of more than 5,500 member firms, its purchasing power enables its members to enjoy a full-service retirement program at significantly reduced costs and complexity. Nancy Barrette says some strengths and advantages to its participants are: (1) all administrative and record keeping is provided by Prudential, thus simplifying the process. There is no fee for this service, regardless of the size of the firm. (2) ACEC hires third party consultants to monitor the program on a quarterly basis, ensuring top quality performance and diversified management. (3) Georgia member firms have reported that the savings they have incurred from the ACEC Retirement program have paid their ACEC/CECG dues.

For more information on how ACEC's Retirement program can work for you, please call Nancy Barrette at 800-521-9463.



THE SPEC SHEET

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

CEC/L: AN INTRODUCTION

Consulting Engineers Council of Louisiana, Inc. (CEC/L) is a voluntary, not for profit professional organization devoted primarily to serving the engineer in private practice. CEC/L was founded in 1950 to improve and promote the business practices of consulting engineering in Louisiana, enhance its image, and to protect the general public.

CEC/L maintains a high profile due to the active participation of the membership through a system of committees. One true benefit of membership is the opportunity to interact and work side by side with your peers from various parts of Louisiana as well as the United States in areas of particular interests to you.



BENEFITS AND OPPORTUNITIES

CEC/L and its national federation, the American Consulting Engineers Council (ACEC), exist to assist principals and managers of member firms in developing successful practices. It is this function that differentiates CEC/L and ACEC from all other engineering societies.

CEC/L membership is comprised of consulting engineering firms throughout Louisiana represented by their principals and/or owners. CEC/L and ACEC make available contract documents and a myriad of books, gifts, seminar cassettes and videotapes at the ACEC Bookshop. Members have the unique opportunity to serve on any of a number of CEC/L and ACEC committees including liaisons with the Louisiana Department of Transportation and Development, Louisiana Engineering Society, Associated General Contractors of Louisiana, and the Louisiana section of the American Institute of Architects.



CEC/L ACTIVITIES

Consulting Engineers Council of Louisiana has been active in several arenas for the benefit of its members and the profession. Several recent activities are listed:

- CEC/L sponsored a seminar on Safety Codes featuring Deputy Fire Marshal, Jerry Jones. The seminar attracted a number of architects as well as an excellent showing of engineers. The seminar qualified for continuing education PDHs.
- CEC/L formed an informal coalition to oppose an LDOTD Design-Build bill in the Legislative Session.

This bill would have given the Secretary tremendous discretionary authority to implement a design-build program. The coalition included CEC/L, LES and AGC, all of who opposed the bill because the process was perceived as potentially hurting small firms, as well as creating possible unchecked authority in the Department. Following our successful lobbying effort, the bill was amended. The program was revised to be a pilot program of three small projects with the LDOTD accountable to the joint Committees on Transportation.

- CEC/L members supported monetarily a successful effort on the part of Consulting Engineers and Land Surveyors of California (CELSOC) to defeat a Proposition which would have called an end to the private sector providing services to public entities in California. The proposition was soundly defeated. Had this proposal passed, it was feared that other states, including Louisiana, would follow suit.
- CEC/L provides its membership with a complete list of projects when advertised by facility Planning and Control. Notice is typically in the hands of CEC/L members before the advertisement has been published in the newspaper and the official journal. CEC/L is represented on the Louisiana Engineers Selection Board by annually electing two members to serve.
- CEC/L continues to host a quality annual meeting in various locations. The 1998 meeting included a very informative seminar on Risk Management and Loss Prevention. The seminar qualified for continuing education PDHs.
- The CEC/L Transportation Committee, through a series of on-going roundtables with LDOTD, was able to convince the LDOTD Secretary to accept revisions to the insurance and indemnity clauses in the LDOTD Engineering Contract. CEC/L, through the Transportation Roundtable forum, was successful in persuading LDOTD to rescind a proposed requirement which would have forced engineering consultants doing business with the State to utilize computer software as specified by LDOTD for design of State projects. This would have been costly and/or detrimental to many of our consulting firms. The Roundtable also took on the issue of engineers' liability and involvement during the construction with regard to errors and omissions
- CEC/L has developed a positive relationship with LDOTD including both the LDOTD Secretary and



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Group Reservations
FAX: 1-850-267-8221**

*Or Mail to: Sandestin Group Reservations
9300 Hwy. 98 West, Destin, FL 32541*

1999 TRI-STATE ENGINEERS MEETING

Sunday, June 20 - Wednesday, June 23, 1999

GROUP CODE: LAENG99

Name _____ Number in Party: Adults _____ Children _____

Company Name _____ Business Phone _____

Address _____

City _____ State _____ Zip _____

Sharing With _____

Arrival Day/Date _____ Departure Day/Date _____

Please select method of payment:

Credit Card # _____ Exp. Date _____ Signature _____ Check # _____

Your cut-off date for reservations is MAY 6, 1999, after which rooms will be sold on a space-available basis.

ACCOMMODATIONS AND RATES

Please circle your choice of accommodations. A deposit of two night's room and tax is required to secure rooms.

	<u>Daily</u>	<u>Mini-Week</u>		<u>Daily</u>	<u>Mini-Week</u>
Inn-Resortview	\$135	\$487	Bayview-3 Bdrm.	\$343	\$1,239
Inn-Bayview	\$145	\$520	Beachside-Suite	\$223	\$800
Inn-Suite	\$180	\$668	Beachside-1 Bdrm.	\$250	\$900
Bayside-1 Bdrm.	\$180	\$652	Beachside-2 Bdrm.	\$362	\$1,304
Bayside-2 Bdrm.	\$214	\$772	Northside-2 Bdrm.	\$205	\$739
Bayside-3 Bdrm.	\$284	\$1,007			

Any other type of accommodation besides what is in your block will vary in cost depending on location and occupancy. All rates quoted **DO NOT** include 7% sales tax and 2% bed tax.

Deposits are refundable in the event of individual room cancellations, provided notice is received by Sandestin 14 days prior to scheduled arrival date. The Inn receives daily Housekeeping services.

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TRI-STATE ENGINEERING SOCIETY MEETING

Sandestin, Destin, FL, June 20-23, 1999

SPONSORED BY:

The Engineering Societies of ALABAMA, LOUISIANA, & MISSISSIPPI

	Registration Desk	Exhibit Hall	Other Activities	Meeting Hall or Banquet Room	Meeting Rooms 1 2	Class Rooms Room 1 Room 2 Room 3
SUNDAY, June 20, 1999						
7:00AM						
8:00						
9:00						
10:00						
11:00						
12:00						
1:00PM						
2:00						
3:00						
4:00						
5:00						
6:00						
7:00						
8:00						
9:00						
MONDAY, June 21, 1999						
7:00AM						
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10:00						
11:00						
12:00						
1:00PM						
2:00						
3:00						
4:00						
5:00						
6:00						
7:00						
8:00						
9:00						
TUESDAY, June 22, 1999						
7:00AM						
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WEDNESDAY, June 23, 1999						
7:00AM						
8:00						
9:00						
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12:00						
1:00PM						
2:00						
3:00						
4:00						
5:00						

Engineering the next millennium

Engineering the next millennium

TRI-STATE ENGINEERING SOCIETIES MEETING

REGISTRATION FORM

Name : _____

Mailing Address: _____

City, State, & Zip: _____

Please check the state society you are a member of: AL ☐ FLA ☐ LA ☐ MS ☐

No.	\$ EA.	Total
_____ AES, LES, MES, FES Member Registration	\$75.00	_____
_____ Non Member Registration	\$125.00	_____
_____ Student Member Fee	\$35.00	_____
_____ Late Registration Handling Fee	\$10.00	_____
_____ Banquet (Check for Heart Healthy ☐) (No. ☐)	\$35.00	_____
_____ Golf Tournament	\$75.00	_____
_____ Tennis Tournament	\$20.00	_____
_____ Transportation to Outlet Mall	\$20.00	_____

Total Payment Enclosed \$ _____

For further information: ASPE (205) 934 8471 MES (601) 366 1312 LES (225) 924 2021

Make checks payable to "Louisiana Engineering Society." LES is the coordinating society for the 1999 meeting. Mail checks and registration form to:

Registration fees must accompany this form. Registration deadline is April 15, 1999. Cancellations for registration fees will receive full refund, if cancellation is received before April 15th. 50% before May 15th. No refunds after May 15th.

Louisiana Engineering Society
9643 Brookline Ave, Suite 116
Baton Rouge, Louisiana 70809

The intent of having a joint meeting at Sandestin is to have a family vacation while you also conduct society business and attend continuing education classes. With the addition of the State Societies from Alabama and Mississippi, we can share resources, expertise and provide a more varied educational experience.

We are planning addition activities if there is sufficient interest. Please indicate if you would be interested in participating in any of the following:

Spouses' Brunch at Seaside. Seaside is a turn-of-the century styled community East of Sandestin. Bus travel could be arranged with reserved dinning. ☐ YES, ☐ NO

Sandestin has suggested a spouses' outing to a local state park with box lunch. ☐ YES, ☐ NO

Kid's Night Out on the Beach. Activities and BBQ on the beach at the same time as banquet. ☐ YES, ☐ NO

BBQ on the beach for the family on Wednesday night. ☐ YES, ☐ NO

Your suggestion for additional activities, or for classes you would like to have conducted. Here is another opportunity to let us have your thoughts.

Please join us June 20-23 at Sandestin resort, Destin, FL.

Continuing Education Seminars (Tentative)

2 Classes by PEPP
2 Classes by PEG
1 Class by PEC
1 Class by PEE
2 Classes by PEI
Time Management
Meeting Management
How to do Presentations and
Use of Visual Aids
Helpful Hints on Taking EIT &
PE Exams
Liability Issues
Ethics
Wetland Permitting Procedures
Six Steps of Problem Solving
& Many More

Practice Division Meetings

PEPP, PEG,
PEI, PEC, PEE

Sandestin Activities

Three Great Golf Courses
Grass & Clay Tennis Courts
Biking
Off Resort Excursions
Fishing
Swimming
Health Club
Fine Meals
the Market at Sandestin
Children's Programs
Sail Boat, Kayak,
and Boogie Board Rentals
Beach

Committee Meetings

Long Range Planning
Membership
Young Engineers
Legislative
Public Relations
Continuing Education

Sand Castle Building Contest

Show your skills by building structures of your choosing using non-cohesive soils only. (No limit on Moisture Content) Compete with your family or fellow engineers against the other societies.

Beach Volleyball Tournament

Put a state team together to compete in a round robin tournament of two, four, or six person teams. Prizes include increased cardio-vascular workout, natural tanning source, aggregate refinishing of extremities and ground contact surfaces, and thirst inducing comraderie.



Tentative Agenda

Sunday, June 20

MES Board Meeting (9-11am)
Registration (9-5pm)
Seminars (1-5pm)
Welcome Reception/Hospitality (6-8)

Monday, June 21

Continental Breakfast (7-8am)
Committee Meetings (8-9)
Ethics Seminar (9-10)
Student papers (10-11)
Seminar (11-12)
Membership Lunch (12-1:30pm)
Family Time (1:30-6)
Banquet (6-9:30)

Tuesday, June 22

Continental Breakfast (7-8am)
Alabama Leadership Meeting (TBA)
Committee Meetings (8-9)
Seminars (9-12)
Outlet Mall Trip (9-12)
Golf/Tennis Tournaments (12-5)
Family Time (12-)

Wednesday, June 23

Practice Division Meetings (7-8am)
Seminars (8-10)
Awards/Door Prizes (10)
AES, LES Board Meetings (10:30-12)
Beach Volleyball (12-3)
Sand Castle Building Contest (12-3)
Family time (12-)



Registration Includes

Welcome Night Reception
2 days Continental Breakfast
Membership Lunch
Exhibit Hall Access
Continuing Education Seminars
Practice Division Meetings
Committee Meetings

Optional Events

Golf Tournament
Tennis Tournament
Outlet Mall Trip
Beach Volleyball
Sand Castle Building Contest

What to Pack

All functions are casual, except
the Banquet (Coat & Tie)





TRI-STATE ENGINEERING SOCIETIES MEETING



 Sandestin

A Beach and Golf Resort

Destin, Florida

June 20-23, 1999

A Joint Annual Meeting

Sponsored by



**The Engineering Societies of
ALABAMA, LOUISIANA,
& MISSISSIPPI**

State Societies of NSPE



**Welcome Night Reception
Golf Tournament
Annual Membership Meeting
Tennis Tournament
Continuing Education
Seminars
Continental Breakfasts
Installation Banquet
Beach Volleyball
Student Paper Contest
Outlet Mall Trip
Sand Castle Building Contest
and Much More!**



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ADVANCE PROGRAM

Mr. Meyer will always be remembered as a committed and intelligent man who willingly and successfully applied his managerial talents throughout his community, and in his chosen profession of engineering.

Allison J. P. "Sonny" Launey, P.E., *Continued from page 11*

Sonny has been active with LES and ASCE serving as a speaker at meetings and at ASCE/ACI technical conference in New Orleans. He is also a member of ACI, SPE and the Masonry Society.

The USL Alumni Association has always been one of his loves. He helped restart the New Orleans Chapter in the 70's and founded the College of Engineering Chapter and serves as its president. He has also been a member of the UNO and USL Civil Engineering Advisory Boards.

He has been active in Boy Scouting (both sons are Eagle Scouts), the Pennies for Bread and Abbey Program and his church, St. Philip Neri in Metairie.

He has been married for 31 years to his wife, Sandra, of Ville Platte, a Registered Nurse. They have two sons. Chris is a USL Chem. E. graduate and owns a computer firm in Las Vegas. Patrick graduated from Mississippi State in Wildlife & Fisheries and is a 2nd Lt. in the USAF.

Frank P. Gallagher III, P.E., CIH *Continued from page 12*

Bioenvironmental Engineer. He retired in the grade of Colonel in 1993. He held assignments in Massachusetts, Texas, New Mexico, Washington DC, Maryland, Florida, the Republic of Turkey, the Republic of Greece, the Federal Republic of Germany and the United Kingdom of Great Britain. While abroad, Frank held base and regional operations engineering support positions and served as a medical facility construction manager. His USA assignments included both base level operations and command level engineering program management, and he served with the Air Staff, at the Pentagon Medical Facility Design Office and as Director of the Air Force Civil Engineering Laboratory at Tyndall Air Force Base, Florida.

Frank earned, while on active duty, Master of Science degrees in Environmental Systems Engineering from Clemson University in 1968 and in Civil Engineering from the University of Texas

in 1974. He also completed Professional Military Training programs including Squadron Officers School, Air Command and Staff and National Security Management. Frank received, during his military career, the Air Force Commendation Medal, the Department of Defense Meritorious Service Medal and the Department of Defense Legion of Merit.

Frank joined Walk Haydel in 1993 and is with the Environmental Division as the Environmental Hygiene Program Manager. He is involved in a number of environmental engineering and industrial hygiene consulting and expert witness assignments primarily in the Southern Louisiana area serving a variety of university, industrial, commercial and government clients.

Frank has chaired both the Louisiana Engineering Society's Centennial Celebration and the Joint Conference, from 1997 through 1999. Along with his active membership in Louisiana Engineering Society, Frank is involved in a number of church and civic activities. He is on the Industrial Advisory Board for the University of Southwestern Louisiana Civil Engineering Department and serves as a De La Salle High School Annual Career Day lecturer. He has organized the annual Veterans Day breakfasts at Walk Haydel, participated annually in Christmas in October weekends and led the Walk Haydel 1998 Rally for Orleans Parish Public Schools team.

Peter R. Quirk, P.E., *Continued from page 12*

School's Capital Campaign Steering Committee as well as Ursuline High School's Capital Campaign Advisory Committee. Through his leadership Walk Haydel sponsors Andrew Jackson Elementary School as a Partner in Education, serving inner city students in the lower garden district of New Orleans. He completed a six-year board term and served as 1995-1996 president of UNO's Business/Higher Education Council.

Pete is a 20-year volunteer for United Way, helping raise \$18 million as general campaign chairman in 1991 and serving as chairman of the board in 1997-1998. He currently serves as board member and chair of the Finance Committee for the Daughters of Charity Health Services, offering medical services to

inner city residents. He also serves on the board of the New Orleans Council of the Chamber of Commerce and serves as vice president of the Catholic Foundation.

Additionally, he served as general chairman of the Archbishop's Community Appeal, leading a team of 200 volunteers, raising \$1.1 million for social programs including Second Harvesters Food Bank, Summer Witness and Neighborhood Community Centers. He was a volunteer for the Food for Seniors program, delivering food monthly to homebound senior citizens, and has served as a mentor for homeless and runaway boys residing at Covenant House in New Orleans, where he served on the board from 1989 to 1995. Pete and his wife Marilyn have six children and six grandchildren.

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Dr. Louis J. Capozzoli, P.E.

Continued from page 10

Dr. Capozzoli's hobbies are Aviation and Boating. He designed and built a landing strip at his home for his 3 company aircraft and 5 pilots. A pressurized twin aircraft was flown by him to Europe twice. Dr. Capozzoli has been a member of the United States Power Squadrons, a boating education organization for 45 years, and still teaches a boat piloting course. He designed a 47 foot yacht docked at Gulfport, Mississippi; fellow engineers were hosted onboard during LES conferences.

Dr. Capozzoli has done much for the engineering profession. He was President of the Baton Rouge Chapter Louisiana Engineering Society, National Director of the Consulting Engineers Council and President of the Baton Rouge Chapter of ASCE. He was on the State Engineers Selection Board three times, and started the selection procedure still in use today. His advisory group work includes the Technical Committee of the Amite River Basin Drainage Commission, East Baton Rouge Department of Public Works Advisory Committee, Baton Rouge Sewer Citizens Advisory Committee, Baton Rouge New Airport Committee, and the Sewer Committee of the Baton Rouge Chamber of Commerce. He provided technical expertise for the Chamber as Amicus Curiae in a lawsuit to extend the EPAs secondary sewage treatment deadline from 1992 to 1996. This enabled Baton Rouge to pay-as-you-go and saved \$65 million dollars interest.

Dr. Capozzoli required and supported a high level of technical and professional accomplishment for his engineers.

His engineers (all Louisiana engineering school graduates) were required to take graduate geotechnical engineering courses. He encouraged all engineers to join their professional societies and their wives the auxiliaries with company paid dues and meeting expenses including overnight conventions. He required all engineers to be registered. When Louisiana required a second day examination for a PE license in the mid 1980's, he encouraged engineers licensed without examination to take the examination. He paid the license fees for his engineers. The Baton Rouge Chapter of the Louisiana Engineering Society has had their annual picnic at his house since 1970.

Students have been remembered by Dr. and Mrs. Capozzoli endowing 2 engineering scholarships: one for the senior year for a woman from the Baton Rouge LESA Chapter area at a Louisiana university; the other for Masters study at a school outside the state for a south Louisiana graduate. Other endowments include two senior year scholarships in Catholic high schools, two graduate student scholarships in France and Italy, a library at the Catholic Student Center at LSU, and a Leadership Training Institute for his college fraternity.

Dr. Capozzoli joins the many engineers who achieved a high level of technological and professional accomplishments and shared them with their contemporaries.

Gregory P. Sepeda, P.E.

Continued from page 10

Greg has served in various capacities within LES. Currently he is Vice President of the Baton Rouge chapter. Prior to this, he was a Director of MathCounts for the past two years. He has also served as Chairman of the chapter Young Members Committee and Vice-Chairman of both the chapter and state Membership Committee. While Chairman of the Young Members Committee, he started the Fall Jambalaya Dinner at LSU for all Engineering Students. This dinner has become an annual event. Greg has also been active in the Math Initiative Program, and holds memberships in Chi Epsilon, Tau Beta Pi, the American Society of Civil Engineers and the American Concrete Institute.

Greg Sepeda, a native of Baton Rouge, is married to Rissa Webb, and recently celebrated the birth of their first

child, a daughter, Sloane Alexandra. Outside of the engineering community Greg is active in the Baton Rouge Junior Chamber of Commerce. He and his wife annually volunteer with the Jaycee sponsored Baton Rouge Christmas Parade and with the "Christmas Shopping Tour" for underprivileged children, as well as other community and charity projects. He has also volunteered as a judge for science fairs at several local schools.

James L. Meyer, P.E., P.L.S.

Continued from page 11

professional and managerial abilities of Mr. Meyer. He set, and held, high standards for technical and professional performance both inside and outside of the firm.

His managerial expertise was evident during his participation on numerous LES and NSPE committees, including his service as President of LES. Mr. Meyer also served effectively as Chairman (1979), and a member of the Louisiana State Board of Registration for Professional Engineers from 1976 to 1985.

His managerial talents were in demand in his community as well, where he served as President of the Central Louisiana Chamber of Commerce, the Alexandria Optimist Club, United Way of Central Louisiana, the Louisiana Tech Engineering Foundation, and as Chairman of the England Economic & Industrial Development District (England Authority) from 1991 to 1996. His managerial abilities, so thoroughly demonstrated while serving as Chairman of the England Authority, were significantly responsible for the proclamation of the President of the United States that the re-use of England AFB should serve as an example for all other communities facing a military installation closure.

In 1997, Mr. Meyer was appointed by Governor Foster to the Louisiana Economic Development Council, serving on the Infrastructure Task Force, and to the Louisiana International Trade Commission.

Mr. Meyer's managerial abilities were further consistently demonstrated in his accomplishments while serving on the Rapides Regional Hospital Board of Directors, the Rapides Bank & Trust Company Board of Directors, the Louisiana Tech Alumni Foundation and the Industrial Development Board of Central Louisiana, Inc.

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Scholarship Awards



Stephen Howes and Dean Adam Bourgoyne



Thurmosia Love and Dean Ernest Walker



Angela Marshall and Dean John Crisp

The Louisiana Engineering Society presented scholarship awards to six Engineering students for the 1997-98 academic year. Each award was \$700.

Stephen Howes, a Mechanical Engineering Senior, is pictured with Dean Adam Bourgoyne of Louisiana State University. Thurmosia Love, a Civil Engineering Senior, receives the award from Dean Ernest L. Walker, Ph.D. of Southern University. Angela Marshall, a Mechanical Engineering Junior, accepts the award from Dean John N. Crisp, P.E. of the University of New Orleans. Other recipients include Bryan Cosnahan, Electrical Engineering Senior, Louisiana Tech University; Derick Hoffpauir, Electrical Engineering Junior, McNeese University; and Johnathan Rideau, Electrical and Computer Engineering Junior, at the University of Southwestern Louisiana.

These scholarships were made available by contributions from LES members through dues check off. Your Scholarship Committee looks forward to your continued support of this tax-exempt program. If you are interested in contributing further to this philanthropic effort make your checks out to LES Education Fund. This fund also carries the IRS 501 (c) (3) tax-exempt designation.



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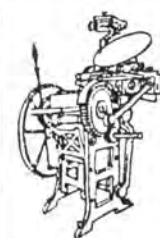


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Lifetime Achievement Award

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 Thomas "Dudley" Hixson a "Lifetime Achievement Award" for his years of service in pursuing the advancement of engineering in the state of Louisiana and nationally.

Thomas "Dudley" Hixson, P.E., P.L.S.

Thomas "Dudley" Hixson, P.E., P.L.S. of Alexandria, Louisiana is a Senior Consultant and Director with the engineering and land surveying firm of Meyer, Meyer, LaCroix & Hixson, Inc. Mr. Hixson joined the firm as a partner in 1972 and has nurtured and guided the growth and development of the firm for over 26 years. Prior to joining Meyer, Meyer, LaCroix & Hixson, Inc., Mr. Hixson served as an engineer and administrator for the U.S. Forest Service for 10 years.

Mr. Hixson holds a Bachelor of Science degree in Civil Engineering from the University of South Carolina and is a Registered Professional Engineer in Louisiana, South Carolina, Mississippi and Arizona, and a Registered Land Surveyor in Louisiana.

Throughout his career Mr. Hixson has demonstrated his dedication and commitment to his profession, his community and his family. Professional service accomplishments have included election to a multitude of offices in the Louisiana Engineering Society and the National Society for Professional Engineers at the local, state, regional and national level. Mr. Hixson has the distinction of being the first and only President of the National Society of Professional Engineers from the State of Louisiana. Mr. Hixson served as

President for the 1993-94 term and in doing so traveled to all 50 states, Puerto Rico, Canada, and Mexico serving his profession.

Mr. Hixson has been recognized by his profession as the recipient of the Waldemar S. Nelson President's Award, the Leo M. Odom Professional Service Award, the Andrew M. Lockett Medal for Distinguished Civic Service and has twice received the National Society for Professional Engineers' Professional Engineers in Private Practice Outstanding Service Award.

Mr. Hixson is an active member of his community having been a member of or held offices in the Alexandria-Pineville Chamber of Commerce, Alexandria Downtown Lions Club, City of Alexandria Board of Adjustments and Appeals, Community Mental Health Services Board, Rapides Parish Police Jury Citizen's Advisory Committee, United Way Campaign Division, Episcopal Diocesan Liturgical Commission, Board of Louisiana Lions League for Crippled Children, Red River Valley Area Council, Central Louisiana Chapter of Ducks Unlimited, St Timothy's Episcopal Church Vestry and the Advisory Board of Health South Rehabilitation Hospital.

Mr. Hixson and his wife, Reba, reside in Alexandria and have three children and four grandchildren.

Thomas "Dudley" Hixson, P.E., P.L.S. exemplifies a true professional through a lifetime of achievements and has set a standard of excellence to which all can aspire.



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

Frank Patrick Gallagher III, PE, CIH is the first vice president of the New Orleans Chapter of the Louisiana Engineering Society. Originally from New Orleans, he graduated from De La Salle High School in 1962 and attended the University of Southwestern Louisiana (USL) in Lafayette, Louisiana. He completed his Bachelor of Science degree in Civil Engineering and the Reserve Officer Training Corps program in 1967. Frank holds Louisiana Professional Registrations in Civil and Environmental Engineering and is a Certified Industrial Hygienist with the American Board of Industrial Hygiene. He was married to the former Eileen Loretta Blanchard, also of New Orleans, in 1967. They have three daughters: Lara L. Santos, Sherri L. Norton and Amy L. Gallagher. Frank and Eileen have resided in the Lakeview area of New Orleans since 1993.

Upon graduation from USL, Frank was commissioned a Second Lieutenant in the United States Air Force (USAF) and he began active duty in August of 1967. He served in the USAF for 26 years in various positions as a member of the Biomedical Science Corps as a



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.

Peter R. Quirk, P.E.

Peter R. Quirk, P.E., is President and CEO of Walk Haydel/A Dames & Moore Group Company which provides engineering services to the process, pulp and paper, oil and gas and electric utility industries and the federal government. Pete joined Walk Haydel in 1964 and over the past 34 years has progressed from design engineering to project and construction management to overall company management. He was named CEO in 1995.

He graduated from Louisiana State University in 1959 with a Bachelor of Science degree in Electrical Engineering.

Pete is a registered professional engineer in the State of Louisiana and is a 30-year member of LES, serving as 1984-1985 state membership chairman. He served as president of the Consulting Engineers Council in 1984-1985. He received the A. E. Wilder Award in 1989 from CEC/L and in 1996, he received the American Consulting Engineers Council Community Service Award.

Pete's civic activities extend to elementary, secondary and higher education in both public and private schools. He is currently a member of Xavier University's Board of Trustees, where he also chairs the Buildings and Grounds Committee. He is a member of the Executive Committee of the Board of Directors of the UNO Foundation and is a member of the LSU Foundation. He is currently serving on Jesuit High

Continued on page 19

Continued on page 19

LES Honors Seven Engineers



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.

James L. Meyer, P.E., P.L.S.

James L. Meyer & Associates, the parent company of Meyer, Meyer, LaCroix & Hixson, Inc., Consulting Engineers and Land Surveying, was founded in 1968 by James L. Meyer, P.E. Beginning with a total of three personnel, Mr. Meyer guided the growth of the firm to a medium sized firm staffed with an average of fifty-five employees. The firm's corporate office is located in Alexandria, with branch offices in Ruston, Winnfield and Baton Rouge.

Mr. Meyer served as President and Chief Executive Officer continually from 1968 until March 1997, at which time, and significantly through his efforts, an internal transfer of ownership of the firm was effected. Mr. Meyer continued to work as a Senior Consultant at MML&H, Inc. until his death on May 30, 1998.

While exercising direct responsibility for developing and guiding management and fiscal policies for the company, he routinely served as a technical consultant to the firm's design engineers and land surveyors, including attendance and participation in concept, preliminary and final design conferences for the firm's projects.

The orderly and successful growth of the firm, which enjoys an outstanding reputation with both its clients and with its competitors, is truly a tribute to the

Continued on page 18

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.

Allison J.P. "Sonny" Launey, P.E.

Allison J. P. "Sonny" Launey is a New Orleans native and lives in Metairie. He graduated from USL with a BSCE in '68 and an MS in '69 in Civil Engineering. He was commissioned a 2nd Lt. in the USAF and had assignments in engineering at various bases and sites. He joined Freeport-McMoRan, Inc., in 1974. His duties included Engineering, Maintenance and Terminal and Marine Operations. He joined Denson Engineers, Inc. in 1996. His activities have involved both projects and forensic work.

Sonny, a registered Louisiana Civil Engineer, is a member of our State Board of Registration for Professional Engineers and Land Surveyors. He is now Secretary of the Board and is Chair of the Civil Engineering committee. He has been involved in Industrial Exemption, CPD and Legislative work as well as making presentations on Board activities.

The activities of the National Council of Examiners for Engineers and Surveyors (NCEES) have taken much time. He has been a member of the Structural Exam group preparing both the Structural I & II exams and has also been involved in the Auditing of the Petroleum and Nuclear exams.

Continued on page 19

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LES Honors Seven Engineers



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.

Dr. Louis J. Capozzoli, P.E.

Dr. Louis J. Capozzoli, P. E., is no stranger to an LES award. In 1978, he received the Technological Accomplishment Medal. Dr. Capozzoli earned a Bachelor of Civil Engineering cum laude from New York University in 1947. In 1948, he received a Master of Science from Harvard, and in 1950 a Doctor of Science from MIT; all when 21 years old.

After working for a consulting engineer in New York and a foundation contractor in Detroit, he realized there were better places to live. In November, 1956 he moved to Baton Rouge. In less than two years, he met and married Laura Broussard from Cow Island. They recently celebrated their 40th anniversary. In 1965, he started Louis J. Capozzoli and Associates, Inc., a geotechnical engineering company. He sold it to his employees in 1991, and works part time as a consultant for them.

His engineering expertise is shown in structures throughout the United States. These include the 22 story Banc One building in Baton Rouge without piles, a 1,680 MW electricity generating station in New Roads, and most industrial plants on the Mississippi River. His theory is to do better next year than last year, otherwise, we would still be living in caves and wearing fig leaves. Two of



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 1975. 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.

Gregory P. Sepeda, P.E.

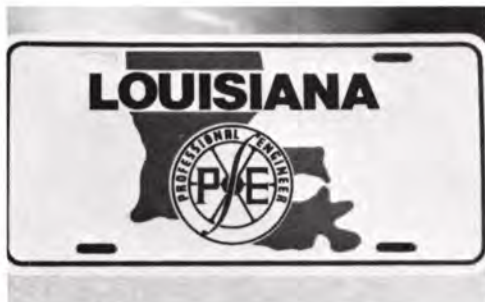
Greg Sepeda is a project engineer with Sigma Consulting Group, Inc. of Baton Rouge. He graduated from Louisiana State University in 1990 with a Bachelor of Science degree in Civil Engineering and is a registered professional engineer in Louisiana.

Upon graduation, he began his career as an Engineer-in-Training in the Bridge Design Section of the Louisiana Department of Transportation and Development in Baton Rouge. He returned to LSU for Graduate Studies, and served as both an instructor for Statics and a research assistant. In 1992, he accepted a position at ABMB Engineers, Inc. where he was a design engineer for over five years.

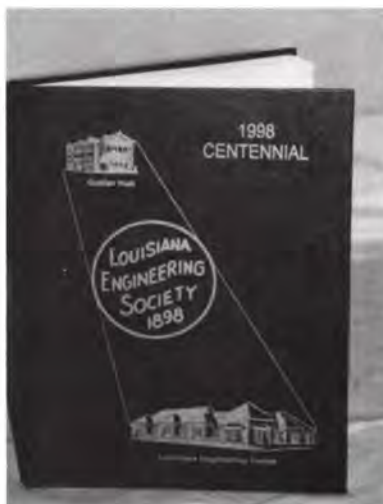
Since joining Sigma Consulting Group in 1997, Mr. Sepeda has been part of their highway design group. While his emphasis has been highway and bridge projects, he has also been involved in various other civil/structural projects for both commercial and industrial clients. Most notably, he has been involved in the Major Investment Study for the proposed Baton Rouge Interstate Bypass.

Continued on page 18

Continued on page 18



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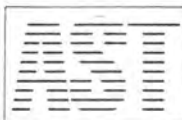
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On New Year's Eve of 1998, people gathered at the new Louisiana Engineering Center in Baton Rouge to witness a historic event. A time capsule was sealed into a masonry vault in the conference room to commemorate the 100th anniversary of the Louisiana Engineering Society, the twentieth anniversary of the Louisiana Engineering Foundation, and the opening of the Center. Inside the capsule were items representing the practice of engineering during the twentieth century, and on the cover of the vault is a plaque instructing our successors to open the capsule on New Year's Eve of 098.

The inscription on the plaque reads in part: "We hope that when the time capsule is opened, our successors will appreciate the ingenuity we applied to working with the resources available to us; and trust their achievements will have provided as much progress in the twenty-first Century as we have had the privilege to witness in the twentieth Century."

You can help get the Center off to a good start and also commemorate your dedication to the profession by contributing towards paying down the construction loan or by purchasing a brick for the courtyard paving. Contributors' names will be inscribed on a plaque in the lobby, and the courtyard bricks will bear the inscription specified by the purchaser.

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♣ Lafayette Chapter ♣

No Report

♣ Lake Charles Chapter ♣

No Report

♣ Monroe Chapter ♣

*by Stanton E. Huey, Jr., P.E.
Monroe Chapter President*

The new Louisiana Engineering Society Address is:
9643 Brookline Avenue, Suite 116
Baton Rouge, Louisiana 70809
The e-mail address is: les@communiqué.net
Mrs. Brenda Gajan's Phone Number is: 225-924-2021 & her fax number is: 225-924-2049.

On Tuesday, January 5, 1999, the officers met at the office of Lazenby & Associates. They decided to have the following activities for our chapter:

A Toastmaster Club for our members. James Henry, P.E. and I will try to generate interest in this club.

A Scramble Golf Tournament to be held this spring or fall. Paul Fryer will be in charge of this golf tournament. They decided that a Scramble Tournament will be more fun and less pressure than a Four Ball Tournament.

Rather than having a Fishing Tournament, they decided to have a Crawfish Boil and Membership Drive. James Henry, P.E. will be in charge.

Reserve a block of seats at the NLU-Louisiana Tech football game. There will be a Tailgate Party before the game. Mark Valentine, E.I. will be in charge.

Attend a Hockey Game! Paul Fryer will be in charge.

The Monroe Chapter submitted the following members for the following offices:

1. National Director-Dr. Bobby Price, P.E.
2. State Director-Kevin E. Crosby, P.E.
3. State Secretary-Treasurer-James H. Henry, P.E.

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 School, Monroe, Louisiana. Eight Junior High Schools are entered this year. David Leslie and Ryan Spillers will be in charge.

♣ New Orleans Chapter ♣

No Report

♣ Shreveport Chapter ♣

No Report

WHAT ROLE FOR LES in CPD?

By Theodore H. Thompson, P.E.

CPD Committee Chairman

LES President John Plaisance formed our committee to determine the best method of providing a continuing education program to Louisiana Engineers, by LES.

The CPD committee members gathered a wealth of information and received many comments and questions over the past few months, both individually and as a committee. Additionally, several companies have asked LES to review their courses or join them in sponsoring courses. We also received comments from registrants of other states, which have CPD requirements, who advised they have had no trouble in obtaining qualifying continuing education.

From this information and comments received at committee and Board of Direction meetings, some engineers question if LES should have any role in CPD, and if we do to what extent. Some engineers want further study on the many aspects of our involvement before we go forward with any program.

In the past LES has studied some issues to death, the CPD committee feels that LES should have a role in CPD as a service to our members and that we must take some steps NOW. LES has for a number of years provided continuing education classes at its state meetings, and a number of chapters have conducted meetings, whose content would classify as continuing education. The CPD committee will recommend continuing this practice and expand the number of classes offered. The committee will also recommend purchasing additional material and developing our own educational materials for our chapters to use in conducting classes.

These recommendations and others concerning: the role LES should have in CPD, the review of courses by LES, the setting of fees for LES materials and services, documentation of LES conducted classes, and administrative matters concerning CPD charges will be discussed at the next LES Board of Direction meeting on February 25, at the LES offices in Baton Rouge. Please send your comments regarding these matters to the LES office.

Important Dates to Know!

April 1

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

May 7

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



SOCIETY NEWS • SOCIETY NEWS

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Alexandria Chapter

Keith L. Williams
James Parrino, E.I.
Robert E. L. Breedlove, Jr., P.E.
Kelvin S. Freeman
Walter D. Halbrook, P.E.

Baton Rouge Chapter

Maury O. Chatellier, E.I.
Thomas T. Roberts, E.I.
Jose Bacci, P.E.

Lafayette Chapter

Andrea B. Manceaux, E.I.
Ervin L. Ritter, P.E.
Terry J. Huval, P.E.
Dr. Anthony R. Venson, P.E.
David Sanders Huval, Jr., P.E.

Lake Charles Chapter

C. Charles Ladner, P.E.

Monroe Chapter

Matt Simonton, E.I.
John M. Ashbrook, P.E.
Aziz Saber, P.E.

New Orleans Chapter

John W. Raynor
William Foster, P.E.
Alan J. Francingues, P.E.
Brian David Monistere
Shelby P. LaSalle, Jr.
Vasant R. Kale, P.E.
Patrick J. Fresneda, P.E.
Craig G. Haydel, E.I.

Shreveport Chapter

Michan Holbrook, E.I.
William L. Taylor, Jr., P.E.

Non-Resident

Earl P. Farragut, Jr.

Conference was in January. One particular event that I would like to invite the entire State to, is our Engineering Banquet on Thursday, February 25th, following the Engineering Center Dedication. Dedication ceremonies for the Center will be held beginning around 4:00 following the Dedication and in keeping with the spirit of the event, we will strike up the band and continue the party.

This year, the *Baton Rouge E-Week Banquet* will be held at John Folse's gracious plantation home, *White Oak Landing*. The gala evening will commence on the patio at 7:00 p.m. with a cash bar, followed by a delicious dinner and awards presentation. After the awards, the party will continue as we turn down the lights, crank up the music, and "dance till dawn". (That's 10:30 p.m. in engineer time.)

This year's E-Week Banquet will feature the music of Michael Noto and friend's 5 piece band, *Justice*, with toe-tappin' Top 40 Swing, and popular music to listen and dance to.

The cost is just \$28 per person. For reservations, call 928-4008 and say you want to join the fun!

✦ Bayou Chapter ✦

No Report

✦ Alexandria Chapter ✦

*by Marty Paulk, P.E.
Alexandria Chapter President*

At our November luncheon meeting, Mr. Albert Hamblin, with Boise Cascade, gave us an overview of Boise Cascade's new manufacturing plant which produces a variety of engineered wood products. Mr. Hamblin also spoke about the manufacturing process of the different products and discussed the application of these products in the construction industry.

The Alexandria Chapter is working to provide its members with opportunities to meet the requirements for Continuing Professional Development by providing seminars at monthly chapter meetings. For January, our local chapter has a seminar on concrete mixtures/additives.

Our E-Week committee is planning and preparing for the various activities we hold during E-Week. Our E-Week Banquet will be held Friday, February 19. Mathcounts competition will be held Saturday, February 20 on the LSUA campus.

✦ Baton Rouge Chapter ✦

*by Alan Krouse, P.E.
Baton Rouge Chapter President*

The B.R. Chapter entered into 1999 with a full program. Our Mathcounts competition will have been held by the time this publication is published, so we will see you at State. Our monthly meetings have resumed and of course, the Joint

✦ CALENDAR OF EVENTS ✦

We invite all technical and professional organizations to submit their meeting dates for publication in the *Louisiana Journal* to: Editor, 9643 Brookline Ave., Suite 116, Baton Rouge, LA 70809.

February, 1999

- 6-20** Mathcounts Chapter Competitions
- 21-27** National Engineers Week
- 25** LES Board of Direction Meeting - Baton Rouge
- 25** Engineering Center Building Dedication

March, 1999

- 19-20** Mathcounts State Competition - Alexandria

April, 1999

- 1** Election of Chapter Officers Begins
- 9** LES Board of Direction Meeting - Lafayette
- 15** Deadline for copy, Louisiana Journal, May issue



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John J. Plaisance, II, P.E. • President
Louisiana Engineering Society

With Engineers' Week fast approaching, I decided to use this article to celebrate the designation of several projects as the Outstanding Engineer-

ing Projects of the Past Century. Each of these projects were honored by the Louisiana Engineering Society in the book *Louisiana Engineering Society: One Hundred Years of Accomplishment*, published as part of our Centennial celebration last year. I would like to thank Waldemar S. Nelson and Company, Inc., for publishing this volume and for spending many hours researching the articles. If you would like a copy of this book, please call Brenda at the LES Office in Baton Rouge.

I would like to start with my personal favorite, the Louisiana Superdome. The Superdome was opened for business in 1975 as the largest domed stadium in the world, at 680 feet in diameter. More than twenty years and several new stadiums later, it is still the largest. In order to hold up the Dome, more than 83 miles of timber and concrete pilings were driven. There were more than 400 miles of electrical wires when built and 9600 tons of air conditioning. The lighting system can place as much as 150 foot-candles of light on the playing field. The Louisiana Superdome has been a tremendous success from day one, both as an engineering marvel and as an investment. Hopefully, the New Orleans Saints will someday be as successful.

One of the largest problems affecting the citizens of Louisiana is flood prevention. Two of the major flood prevention projects of the last century have been the development of the New Orleans drainage system and the Old River Control Structure. The New Orleans drainage system removes 10 billion cubic feet of rainwater that falls on the city of New Orleans each year. The Old River Control Complex was designed to keep the Mississippi River from changing course to the Atchafalaya. These are two of the thousands of flood control projects that affect our lives almost every day.

Named after one of Louisiana's most colorful governor's, the Huey Long Bridge was the first high level crossing of the Mississippi River south of Vicksburg. Construction of the bridge began in 1932 and lasted three years. The bridge conveys both automotive and rail traffic and has a vertical clearance of 135 feet over high water. The highway crossing is about 10,625 feet long. The rail crossing is a total of almost 23,000 feet long. This bridge was one of the first to use the "sand island" method of construction, as well as one of the first to use high strength steel and one of the first to carry both highway and railroad loading. The widening of the highway bridge from two narrow lanes on each side to three standard lanes is part of the TIMED project under construction by the Louisiana Department of Transportation and Development.

Louisiana is famous for its production of oil and gas. Many of these projects are great engineering feats in their own right. However, I chose to highlight two alternate fuel power plants and a facility used to import oil.

Waterford 3, in Taft, Louisiana, uses nuclear fuel to produce over 1,075 megawatts of electricity, enough to supply a city one and a half times the size of New Orleans. One million cubic yards of material had to be excavated from the 3,600 acre site in order to build the facility. The foundation below the reactor is 25 feet thick. The reactor is protected by 8-1/2" of steel plate walls, and three concrete walls having thicknesses of 5'8", 4'0", and 3'0". The unit can withstand the forces of a 6.0 Richter scale earthquake, a hurricane with 300 mile per hour winds, a missile with a velocity of 200 miles per hour, and a massive flood - occurring simultaneously!

The other unusual power plant to make the list is the Murray Hydroelectric Station. About 20% of the capacity of Waterford 3, the Murray plant is owned by the City of Vidalia, which will actually sell about 90% of the produced electricity to Entergy. The power plant was actually constructed in New Orleans, then floated to its location 40 miles south of Vidalia. Almost three miles of new river channel had to be excavated to connect the power plant to the Mississippi and the Red Rivers. The power plant was put into operation in 1990.

The Louisiana Offshore Oil Port (or LOOP receives and distributes approximately 15% of all the oil used by the United States. Supertankers which are too large to feasibly travel up the Mississippi River tie up to a platform complex in the Gulf of Mexico just off the coast of Fourchon, Louisiana. The oil is pumped from these ships to a series of salt domes just east of Galliano for storage or directly out to a pipeline running to St. James Parish. LOOP has the notable distinction of being the only project on the Centennial list on which I have worked. On my very first day on the job during a summer break from school, I was put on a marsh buggy as a rodman to help survey part of the salt dome facilities.

Finally, I would like to talk about a recent project that did not make the LES Centennial list. The ribbon cutting ceremony for the new Louisiana Engineering Center will take place at 4:00 pm on February 25, 1999. This building will house the Louisiana Engineering Society, the Louisiana Engineering Foundation, the Louisiana Society of Professional Surveyors, the Consulting Engineers Council of Louisiana, the State Board of Registration for Professional Engineers and Land Surveyors, and the Louisiana Section of the American Society of Civil Engineers. Feel free to drop in for the ceremony or any other time to tour the facility.

After you tour the facility, or even before, please consider making a donation toward its construction. The list of donors will be prominently displayed at the building. If you prefer, you have the opportunity to have your name or message inscribed on a brick to be laid on a patio at the Louisiana Engineering Center, by contributing \$100 to the cause.

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.

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