



L'ARPENTEUR LOUISIANE

FEBRUARY 2020

VOL. 59 NO. 1

59th Annual LSPS Convention



April 1-3
2020

Paragon Casino Resort
711 Paragon Place
Marksville, LA 71351



Hosted by the Louisiana Society of Professional Surveyors and LSPS District 1

L'ARPELITEUR LOUISIANE

FEBRUARY 2020

VOL. 59 NO. 1

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Baton Rouge, LA 70809-1488
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Special Thanks to our Contributing Writers.

Articles submitted will be considered for publication and should be emailed to: lsps@bellsouth.net. Please contact the office with any questions.

The officers and board of LSPS and editors of this publication do not necessarily endorse opinions expressed by individual writers included herein.



The *L'Arpeur Louisiane* is published quarterly as a service to the members of the Louisiana Society of Professional Surveyors. As stated in the LSPS Articles of Incorporation, the LSPS is "organized for the following purposes and to carry out the same:

Enhancing the status of the Land Surveying Profession by:

- 1) Maintaining high technical and cultural standards for entrance to the Society.
- 2) Cooperating with educational institutions in the maintenance of high standards of education in Land Surveying.
- 3) Requiring a high standard of ethical practice by members of the Society.
- 4) Aiding in the adoption of high standard of attainment for the granting of the legal right to practice Professional Land Surveying.
- 5) Fostering among students of Land Surveying the study of philosophy and history, tradition and achievement, duties and social functions of the Land Surveying Profession.
- 6) Encouraging the personal and professional development of young Land Surveyors.
- 7) Supporting activities looking to the increased employment of Land Surveyors and seeking new opportunities for service in Land Surveying."

LSPS ADVERTISING RATES:

| SIZE | COST PER ISSUE | PER YEAR |
|----------------------|----------------|-----------|
| FULL PAGE INSIDE | \$700.00 | \$2200.00 |
| FULL PAGE BACK COVER | \$800.00 | \$2800.00 |
| ½ PAGE | \$400.00 | \$1400.00 |
| ¼ PAGE | \$200.00 | \$600.00 |

All ads are prepaid. Ad and payment should be sent to LSPS by the 15th of the month prior to publishing. Issues are published in August, November, February and May. Please mail to address listed above.

*Prices apply to camera-ready copy.
A charge will be added for creation of an ad or art work.*



PRESIDENTIAL PRIVILEGE



Stan Ard
LSPS President

Dear Membership,

I hope everyone had a great holiday season and I would like to wish all members a Healthy and Happy 2020. And Geaux Tigers!

The convention plans are set, and I am looking forward to seeing everyone in Marksville. This year has flown by and I cannot believe a year has passed since Robbie passed on the gavel to me.

It has been a very busy year on the LSPS front, with potential law changes, Lobbyist changes, and Convention planning, but I have enjoyed every minute of it.

As noted above, the LSPS board did decide to change Lobbyists, and we have hired Harper Duncan & Associates, LLC in Baton Rouge. We are looking forward to a long term relationship with Mr. Duncan and Mrs. Harper.

Lastly, I want to thank all LSPS members for allowing me to represent our profession over the last year. It has truly been an honor and an experience I will never forget!

Thanks,
Stan Ard

WELCOME THESE NEW LSPS MEMBERS!

Kenneth Boagni, III

Blake Collins

Bradley Wayne Guinther

David H Jarrell

Jacob L Jarrell

Patrick J Landry

Robert C Overall, Jr

Gregory Plaisance

Timothy Rouen

Laura Simpson

Justin Dean Stroud

WELCOME TO THE 59th ANNUAL LSPS CONVENTION
APRIL 1-3, 2020
Paragon Casino Resort, 711 Paragon Place, Marksville, LA 71351

Join us for these special events:

- For you Golfers, the **LSPS Golf Tournament** will be held on Wednesday, April 1st at **Tomahka Golf Club**, 222 Slim Lemoine Road, Marksville, LA 71351 (Paragon Property)
 - Fee for the golf tournament is \$75.00 per person and includes golf cart and lunch.
 - **Registration & Lunch at 11:00 A.M.** & Shotgun start is 11:30 A.M.
- For you Shooting Enthusiasts, the **LSPS Sporting Clays Tournament** will be held on Wednesday, April 1st at the **Honey Brake Lodge**, 1899 Larto Bridge Rd., Jonesville, LA 71343.
 - Fee for the tournament is \$60.00 per person and includes lunch. (Shells not included).
 - **Registration & Lunch at 12:00 P.M.** Shooting commences at 1:00 P.M.
 - (Money will be refunded in the event of cancellation)
- For the Spouses... Thursday will include visits to Panaroma Foods to make NOLA Crawfish Bread, shopping at La Maison Verdue, a catered lunch, and a Spring Bayou Party Barge Tour. On Friday, the ladies will visit Sycamore Acres, a local vegetable producer, and 2 Sisters Salsa in Plaquemine, rounding out the day with a Gourmet Brown Bag lunch!
- "Ice-Breaker" reception will be held on Wednesday, April 1st from 6:30-9:30 P.M. in the Mari Showroom.
- All meals will be provided on Thursday and Friday.
- LSPS is planning a **Surveying Party** Thursday evening in the Club Mezazz at the Paragon Casino with music by "Clay Cormier and the Highway Boys"
- The LSPS Annual Meeting will be held during Lunch on Friday, April 3rd.

Hotel Details**

Paragon Casino Resort
711 Paragon Place
Marksville, LA 71351
(318) 240-1052

For the LSPS Convention Guest Room Rate,
you may call the Paragon at 1-800-642-7777
Our group code is: **LPR11G**

LSPS Convention Guest Room Rate:
\$99 Standard Guest Room
(North/South King or Double)
\$129 Deluxe Atrium Guest Room
(Exterior King or Double)

or go to this link:
<https://tinyurl.com/LPRA11G>
user password: **GROUP**

Hotel deadline for room rate is March 10, 2020

LSPS District 6 - Convention Contacts:

Patrick Staiano, Convention Chairman 225-751-4002
Mike King, Golf Coordinator 225-454-8925
Aaron Wood, Clay Coordinator 318-446-2421

Liz Kearney, LSPS Executive Administrator
9643 Brookline Avenue, Suite 108, Baton Rouge, Louisiana 70809
Phone (225) 925-5800 lsps@lsps.net

HOPE TO SEE YOU THERE!

2020 LSPS Convention

April 1-3, 2020

Marksville, LA

14 PDHs Total

Wednesday, April 1st

11:00 am **LSPS ANNUAL GOLF TOURNAMENT** (Registration/lunch-11:00am)
Tomahka Golf Club, 222 Slim Lemoine Road, Marksville, LA 71351

11:30 am **LSPS SPORTING CLAY SHOOT** (Registration/lunch-12:00pm)
Honey Brake Lodge, 1899 Larto Bridge Rd, Jonesville, LA 71343
(Money will be refunded in the event of cancellation)

5:00 pm—8:00 pm **Convention Registration – Mari Showroom**

6:00 pm—7:00 pm **Ethics (1 PDH)** - Richard L. Savoie, P.E.

6:30 pm—9:30 pm **EXHIBITOR RECEPTION - Mari Showroom**

Thursday, April 2nd

7:00 am—4:00 pm **Convention Registration/Check-In – Mari Showroom**

7:00 am—7:50 am **Breakfast with Exhibitors! - Mari Showroom**

7:50 am—8:00 am **Opening Ceremonies**

8:00 am—10:50 am **Successful Business Strategies (3 PDH)**
- John Matonich, PS

11:00 am—11:50am **Railroads (1 PDH)** - Mark W. Nolte— Manager, Real Estate Field Services, The Kansas City Southern Railway Company

12:00 pm - 1:00 pm **LUNCHEON—Society Updates**

12:30 pm—1:00 pm **Exhibitor Demonstration/Presentation**

1:00 pm—2:50 pm **Marketing and Client Maintenance (2 PDH)**
- John Mantonich, PS

3:00 pm—3:50 pm **Billing and Collection of Fees (1 PDH)**
- John Matonich, PS

4:00 pm—4:50 pm **Standards of Practice – Mississippi (1 PDH)** - Tim Brewer, RF PS

5:00 pm—6:00 pm **DINNER**

6:00 pm—10:00 pm **SURVEYORS PARTY—SOCIAL EVENT**
@ Club Mezazz featuring “Clay Cormier and The Highway Boys” (Band Goes on at 7 PM)



Friday, April 3rd

7:00 am—1:45 pm **Convention Registration/Check-In – Mari Showroom**

7:00 am—8:00 am **Breakfast with Exhibitors! — Mari Showroom**

8:10 am—10:10am **UAS (2 PDH)** - Ross Kenney

10:20 am—11:10 am **Louisiana Datum Update (1 PDH)** - J. Anthony Cavell, PLS, CFedS

11:20 am - 12:40 pm **LSPS ANNUAL AWARDS AND Business Meeting Luncheon (1 pdh)**

12:10 pm—12:40 pm **Exhibitor Demonstration/Presentation**

12:50 pm—1:40 pm **Standards of Practice - Louisiana (1 PDH)** - Stephen Flynn, PLS



2020 GOLF TOURNAMENT

WEDNESDAY APRIL 1, 2020

Tomahka Golf Club
222 Slim Lemoine Road
Marksville, LA 71351

(On the grounds of Paragon Casino & Resort)
www.tomahkatrails.com

REGISTRATION & LUNCH – 11:00 A.M.



SHOTGUN START – 11:30 A.M.

Cost: \$75.00 per person (includes lunch & golf cart)

Awards will be given for:

Longest Drive

Closest to the Pin

&

Lowest Scoring Team (4-man Scramble)



2020 SPORTING CLAY TOURNAMENT

WEDNESDAY, APRIL 1, 2020

HONEY BRAKE LODGE
1899 LARTO BRIDGE RD
IONESVILLE, LA 71343
PH: 318-775-1007

<https://www.honeybrake.com/hunt/gun-club-shooting/>

Registration & Lunch at 12:00 P.M.



Shooting Commences at 1:00 P.M.

Cost: \$60 (includes 100 Sporting Clays & lunch)
(Shotgun Shells not included)

Shotgun shells, earplugs, shooting glasses & vests can be purchased from the Pro Shop

Awards will be provided for the Top Team & Top Individual Shooter

*Welcome to the
LSPS Convention 2020 – Marksville, LA
April 1-3, 2020
Spouse Events*

WEDNESDAY, APRIL 1:

6:30 pm – 9:30 pm Exhibitors Reception
Mari Center – Paragon Casino and Resort

THURSDAY, APRIL 2:

| | | | |
|--------------------|--|------------------|---|
| 8:30am | Depart | Paragon Hotel | |
| 8:45am | | Panaroma Foods | Meet the “Man with the Pan” <i>Learn how to make NOLA Crawfish Bread</i> |
| 10:00am | | La Maison Verdue | Shopping at a local nursery <i>Native Plants and Unique Gift Shop</i> |
| 11:30am | Lunch | Camp Dupuy | Panaroma Foods, Caterer |
| 1:00pm | | Spring Bayou | Party Barge Tour <i>SB State Wildlife Management Area</i> |
| | | Harry’s | Snack |
| 6:00 pm – 10:00 pm | Surveyor Party at Club Mezazz with “Clay Cormier & The Highway Boys” | | |

FRIDAY, APRIL 3:

| | | | |
|---------|--------|-----------------|--|
| 8:30am | Depart | Paragon Hotel | |
| 9:00am | | Sycamore Acres | Certified Farm to Table <i>Local vegetable producer</i> |
| 10:30am | | 2 Sisters Salsa | Let’s do Salsa in Plaquemine! <i>See where 2 Sister’s Salsa is made</i> |
| Noon | Lunch | LA 4H Museum | Brown Bag Gourmet |

Transportation will be provided.

*Itinerary subject to change in case of emergency.

Different activities may be substituted if necessary.

We hope you enjoy your time experiencing Avoyelles Parish!

LOUISIANA SOCIETY OF PROFESSIONAL SURVEYORS
59th Annual Convention - April 1-3, 2020
Marksville, LA

Please print or type:

Name: (For name tag) _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____ PLS # _____

Email: _____ LSPS District #: _____

Will you attend the **WEDNESDAY** night **EXHIBITOR RECEPTION**? _____ (Yes/No) # Attending _____

Will you attend the **THURSDAY** night **SURVEYOR PARTY**? _____ (Yes/No) # Attending _____

Register Early For Discount!!

LSPS MEMBER Convention Registration Fees:

***FULL PACKAGE INCLUDES:**

| | | |
|--|----------|----------|
| <input type="checkbox"/> Member - Full Seminar Package* | \$380.00 | \$ _____ |
| — Wednesday only (Wednesday Reception, Ethics) | \$125.00 | \$ _____ |
| — Thursday only (Exhibitor area, breakfast, lunch, dinner, Surveyor Party) | \$250.00 | \$ _____ |
| — Friday only (Exhibitor area, breakfast & lunch) | \$200.00 | \$ _____ |
| — LSPS Student Member-Full Package | \$80.00 | \$ _____ |
| — LSPS Student only Thursday or Friday | \$50.00 | \$ _____ |

ALL SEMINARS
 ADMITTANCE TO EXHIBITOR AREA
 Wednesday Exhibitor Reception
 Thursday, Friday-Breakfast, Lunch, Dinner
 Thursday Surveyor Party

Optional Activities:
 Golf Tournament, Clay Shoot

NON-Member Registration Fees:

| | | |
|--|----------|----------|
| <input type="checkbox"/> NON-Member registration - FULL | \$550.00 | \$ _____ |
| — Wednesday only (same benefits as listed above) | \$150.00 | \$ _____ |
| — Thursday only (same benefits as listed above) | \$300.00 | \$ _____ |
| — Friday only (same benefits as listed above) | \$250.00 | \$ _____ |

HOTEL INFORMATION

Paragon Casino Resort
711 Paragon Place
Marksville, LA 71351
 Call 800-642-7777
 Our Group Code is :
LPRA11G

OPTIONAL ACTIVITIES: (Fees for Members and Non-Members)

| | | |
|---|---------|----------|
| <input type="checkbox"/> Wednesday - Golf (lunch included) | \$75.00 | \$ _____ |
|---|---------|----------|

NOTE: Shirt must have a collar, No Gym Shorts, No Metal spikes

Handicap _____

| | | |
|--|---------|----------|
| <input type="checkbox"/> Wednesday - Sporting Clay Shoot (lunch included) | \$60.00 | \$ _____ |
|--|---------|----------|

NOTE: Cost does NOT include shells.

| | | |
|--|----------|----------|
| <input type="checkbox"/> Spouse Program: All Activities | \$100.00 | \$ _____ |
|--|----------|----------|

(ALL-Wednesday Reception, all meals, and Surveyor Party)

OR

| | | |
|---|---------|----------|
| THURSDAY EVENTS. (Wednesday Reception), all meals & Surveyor Party | \$80.00 | \$ _____ |
|---|---------|----------|

| | | |
|--|---------|----------|
| FRIDAY EVENTS. (Includes lunch) | \$50.00 | \$ _____ |
|--|---------|----------|

(Transportation to Event is included)

Registered Guest/Spouse Name: (For name tag) _____

| | |
|---|----------|
| <input type="checkbox"/> Late Registration Fee after March 18th is \$50.00 | \$ _____ |
|---|----------|

TOTAL FEES PAID: \$ _____

PAYMENT METHOD:

_____ Charge my credit card _____ Check Enclosed (# _____ \$ _____)

Credit Card # _____ (Visa/MasterCard only)

Expiration Date: _____

Name on card (if different from above) _____

DEADLINE for ALL Pre-Registrations

to the LSPS office, March 20, 2019

Then, Register on site as space allows.

NO REFUNDS AFTER

March 25, 2020

MAIL, EMAIL OR FAX TO:

Louisiana Society of Professional Surveyors

Phone: 225.925-5800

9643 Brookline, Ste. 108

Fax: 225.925-5802

Baton Rouge, La 70809

www.lsp.net

Email: lsp@bellsouth.net



LEGISLATIVE UPDATE

By: Harper Duncan & Associates, LLC

In January, Governor John Bel Edwards was inaugurated for a second term as Governor of Louisiana. The Governor’s Executive Budget for Fiscal Year 2020-2021 will be presented to the Joint Legislative Committee on the Budget on February 7th. The 2020 Legislative Session is quickly approaching and will begin on Monday, March 9th. Bills will begin rolling in as we approach the February 24th pre-filing deadline.

This year the legislature is welcoming 18 new state Senators and 46 new House members. Republicans have a super-majority in the Senate and a majority in the House of Representatives. There is also a new President of the Senate and Speaker of the House. In January Senator Page Cortez, a Republican from Lafayette, was elected Senate President in a unanimous vote. Unlike the Senate, the House of

Representatives was much more divided on their choice for Speaker of the House. Representative Clay Schexnayder, a Republican from Gonzales, came out on top in a 60 to 45 vote.

To view all the legislators elected for 2020-2024 term go to

<https://legis.la.gov/Legis/Election/Results.aspx>

To view House members that will term out at the end of 2024 go to

http://house.louisiana.gov/H_Reps/H_Reps_Term2024.aspx

To view Senators that will term out at the end of 2024 go to

<http://senate.la.gov/Senators/TermLimits.asp>

FROM AROUND THE STATE.....

DISTRICT 1 – JOHN TEEGARDEN PLS, CHAIRMAN

Contact John at jteegarden@ascellc.com for District information.

DISTRICT 2 – ANDREW SZUSH PLS, CHAIRMAN

District 2 will hold our next meeting on March 3rd, on the campus of Nicholls State University. Students that are competing in the 2020 NSPS Student Competition at the annual NSPS convention in Washington D.C. will be in attendance to give their presentation related to the new datums of 2022.

Contact Andrew at andrew.Szush@tbsmith.com for District information

DISTRICT 3 – SHAWN MACMENAMIN PLS, CHAIRMAN

District 3 is planning a meeting for this month. Be watching for an email!

Contact Shawn at smacmenamin22@gmail.com for District information.

DISTRICT 4 – T. RYAN ESTESS PLS, CHAIRMAN

I hope everyone had a good Christmas and New Year. Please look for an email announcement from me on the upcoming meeting. The topic of the meeting

is tentatively planned to be on the Standards of Practice. Also, at this meeting, we will be nominating and electing a new chairman to run District 4. Hope to see everyone there.

Contact Ryan at ryan@raleyandassociates.com for District information.

DISTRICT 5 - JEFFREY M. MESSINGER PLS, CHAIRMAN

District 5 will be having a meeting on February 20th.

Contact Jeff at jeff@masurvey.net for District information.

DISTRICT 6 – PATRICK STAIANO PLS, CHAIRMAN

We are planning the upcoming convention. The District 6 crawfish boil will be in May this year. Details will be announced after the convention.

Contact Patrick at pstaiano@ntbainc.com for District information.

DISTRICT 8 – W. AARON WOOD, PLS, CHAIRMAN

Contact Aaron at aaron.wood@woodsurveying.com for District information.

DISTRICT 9 – JULES TOUPS, PLS, CHAIRMAN

Contact Jules at jtoups@pls.la for District information.



LSPS DISTRICT INFORMATION

| DISTRICT | CONTACT INFO |
|------------|---|
| District 1 | John Teegarden jteegarden@ascellc.com |
| District 2 | Andrew Szush andrew.szush@tbsmith.com |
| District 3 | Shawn MacMenamin smacmenamin22@gmail.com |
| District 4 | T. Ryan Estess ryan@raleyandassociates.com |
| District 5 | Jeffrey M. Messinger jeff@masurvey.net |
| District 6 | Patrick Staiano pstaiano@ntbainc.com |
| District 8 | W. Aaron Wood aaron.wood@woodsurveying.com |
| District 9 | Jules Toups jules.toups@tbsmith.com |

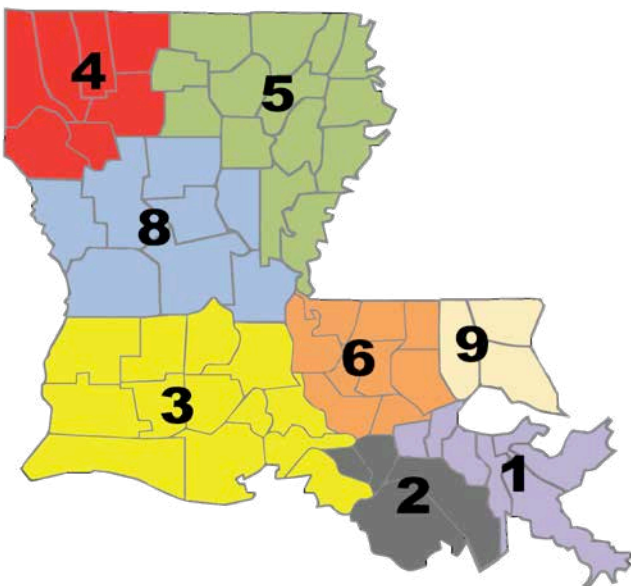
WHY ATTEND A DISTRICT MEETING?

Networking – Who knows more about opportunities in surveying, than those active in it?

Educational Benefits - Want to stay of top of our profession? Most meetings offer opportunity for upgrading your experience through top speakers in our field.

Leadership Opportunities – It is not enough to just join a district. Take advantage of opportunities to get involved in committee work, serve some time as an officer, and help coordinate events. The more active you are, the more visible you become to other members. Leadership roles reflect well on you, and on the company that employs you. It proves they hired a winner!

If you are not an LSPS member, we would like to invite you to attend a District meeting in your area. Contact the LSPS office at lsp@bellsouth.net , or the chairman in your area for details about upcoming meetings.



LSPS Districts

We would like to invite you to attend a District meeting in your area. Contact the LSPS office at lsp@bellsouth.net or the chairman in your area for details about upcoming meetings.



BENEFITS OF JOINING LSPS

The Louisiana Society of Professional Surveyors is organized to enhance the Surveying Profession. Our goal is to carry out our mission by maintaining high technical and cultural standards in our field, working with educational institutions for the maintenance of high standards of education in Land Surveying, requiring a high standard of ethical practice by our members, and encouraging the personal and professional development of young Land Surveyors.

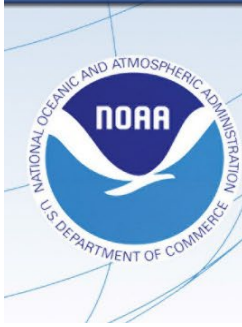
BENEFITS OF MEMBERSHIP IN OUR SOCIETY INCLUDE:

- **NETWORKING** – Who knows more about opportunities within a field than those actually involved in it? No one. The roster of our society is a gold mine to get your network rolling.
- **EDUCATIONAL BENEFITS** – Want to stay on top of your profession, learn new techniques and strategies? There are endless opportunities for upgrading your experience through seminars, listening to top speakers in your field, workshops, and just plain old-fashioned sharing of information among your peers.
- **LEADERSHIP OPPORTUNITIES** – It isn't enough to just join a District of the society. Take advantage of the many opportunities to get involved in committee work, serve some time as an officer, or help coordinate events. The more active you are, the more visible you become to the other members. This can only be a plus in your career future.
- **RESUME UPGRADING** – As our profession becomes more complex and difficult to master, the need for continued certification becomes more prevalent.
- **SOCIAL BENEFITS** – Don't overlook the fun factor. Groups of people with common interests are always sources of new friends. You speak the same language, laugh at the same jokes and dream similar dreams. Becoming active opens up many possibilities!

The new age of advanced technology has created the need for land surveyors to guard their profession. Our society works with the Louisiana Professional Engineering & Land Surveying Board (LAPELS) in the process of establishing the current continuing professional development requirements.

We have been involved with many surveying issues...

- our society began in 1961 and currently has over **525 members**
- we are approved by the LAPELS Board as a **seminar sponsor**
- LSPS is an affiliate of the American Congress on Surveying and Mapping, and the **National Society of Professional Surveyors**
- we have a standing Legislative Committee to **review legislation** that may affect the surveying profession
- the LSPS Liaison Committee communicates with the **LAPELS Board** on issues that affect land surveyors
- we host an Annual Convention - with exhibitors displaying the latest in surveying equipment, and LSPS offering Personal Development Hours to meet licensing requirements
- the LSPS Executive Board continually working to upgrade member benefits.



Issue 18, January 2020

NSRS Modernization News

For all issues of **NSRS Modernization News**, visit:
geodesy.noaa.gov/datums/newdatums/TrackOurProgress.shtml

Epoch 2020.0 has just passed!

One of the primary services of the modernized NSRS will be Reference Epoch Coordinates, or RECs, at passive geodetic control marks within the NSRS. The first such RECs will be computed and loaded into the NSRS database during calendar year 2022, and will refer to **epoch 2020.0** (which may have slipped by, unnoticed, around dinnertime in most parts of the USA on December 31, 2019.) The initial computation of 2020.0 RECs will rely on Final Discrete Coordinates (FDCs) derived from GPS surveys from 1996 onward. Also the Intra-Frame Velocity Model (IFVM) of 2022 (IFVM2022) will be used to estimate motions of points through time, from the epoch of each FDC to the 2020.0 epoch. Users interested in having the most accurate 2020.0 RECs on passive marks of interest are encouraged to survey those points before the end of calendar year 2021, so they may be included in the 2022 effort (if they have not already been surveyed in the last few years). This will minimize any modeling errors that might be in IFVM2022.

Progress in Ongoing Projects

There are currently 24 ongoing NGS NSRS modernization projects. Here are highlights from two:

Geoid Monitoring Service (Project Manager: Dr. Kevin Ahlgren)

NGS has released [NOAA Technical Report NOS NGS 68](#), which outlines plans to monitor the time-dependent geoid. While such changes are “small” relative to the larger crustal changes of the Earth, they are significant to NGS’s target accuracy of a sub-centimeter NSRS.

GRAV-D (Project Manager: Jeffery Johnson)

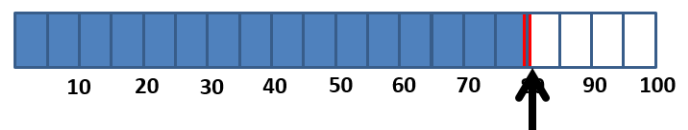
For the first time since the inception of GRAV-D, we have fallen behind schedule. It cannot be over-emphasized that this is not the fault of the hard-working people who make up the GRAV-D team. Unforeseen weather issues have dogged us, and as the “to-do” area shrinks, the ability to temporarily move to another (weather-clear) area diminishes. Mechanical issues have also been a particularly bad nuisance of late. Another real impact was the unfortunate government shutdown which coincided with the NGS plan to survey the logistically difficult Pacific islands region. Although NGS was able to recover somewhat and get part of Hawaii done, the damage to the schedule has had significant ripple effects.

NGS will diligently try to get back on schedule. However it should be noted that GRAV-D is the most obvious “long pole in the tent” of the NSRS modernization effort. Without GRAV-D completing 100% coverage, GEOID2022 will not have 100% coverage, and NGS has no plans at this time to release a modernized NSRS with an incomplete geoid model. However it remains too early to tell how all this will impact the date of the final roll-out of the modernized NSRS.

GRAV-D progress last quarter: **up 1.9% to 80.9%**

Behind Schedule!

Recently: Oklahoma



Schedule: 81%

**THANK YOU TO OUR MEMBERS DONATING TO THE
2019-2020 "EVERY MEMBER CAMPAIGN"!**

FOUNDATION LEVEL

LandSource, Inc.

BENEFACTOR LEVEL

Coyle Engineering
Dufrene Surveying &
Engineering

PARTNER LEVEL

Haag & Trammel, Inc.



**WE'D LOVE TO FEATURE
YOUR SURVEYING
PICTURES IN
OUR MAGAZINE!**

**EMAIL PICTURES TO LSPS@BELLSOUTH.NET
MAYBE YOU'LL SEE YOUR PICTURES IN OUR NEXT EDITION!**

**WANT TO GET INVOLVED?
YOU CAN HELP**

BY VOLUNTEERING TO WORK WITH ONE OF THE FOLLOWING:

Legislative Committee

Education Committee

Newsletter Committee

Seminar & Technical Education Committee

Scholarship Committee

Promotion of the Profession Committee

and others.

**If you would like more information, please call the LSPS
office at 225/925-5800 or email lsp@bellsouth.net.**

Thanks!

SAVE THE DATE!!!

WHAT: LSPS 59th Annual Convention

WHEN: April 1 - 3, 2020

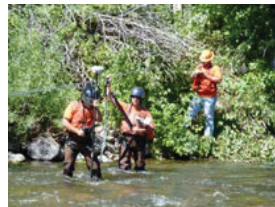
**WHERE: Paragon Casino Resort
711 Paragon Place
Marksville, LA 71351**

Check the LSPS website **www.lsp.net** for updates.

Hope to see you there!



SURVEYING · ENGINEERING · ENVIRONMENTAL SERVICES · GIS



www.mphinc.com
OFFICE LOCATIONS

HOUMA, LA
985-879-2731

HOUSTON, TX
713-219-1470

SAN ANTONIO, TX
210-366-8799

MIDLAND, TX
432-276-3300

ENHANCE YOUR CAREER OPPORTUNITIES

BECOME A CERTIFIED SURVEY TECHNICIAN (CST)

This four-level certification program indicates official recognition by NSPS that a person can perform surveying tasks at a specific technical level.

Certification provides employers with a method of determining job assignments and advancement since certification is an indication of one's ability to perform specific job tasks. Increase Your Skills. Enhance Your Career Opportunities. Set a Straight Course to Your Future. Become a Certified Survey Technician (CST)!



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CST
CERTIFIED SURVEY TECHNICIAN

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Thank You!

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info@T2ue.com

www.T2ue.com

In October 2019, T2 Utility Engineers became the new company name for Cardno's Utility Engineering & Surveying group - continuing decades of industry leadership and expertise.





Louisiana Society of Professional Surveyors

Affiliate of the National Society of Professional Surveyors

9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809 • Phone (225)925-5800 • Fax (225)925-5802

lsp@bellsouth.net • www.lsp.net

PLEASE COMPLETE THE FOLLOWING SPACES:

Registration Number: _____

Name: _____
LAST FIRST MIDDLE

P.L.S. P.E. Other _____

Home Address: _____
STREET CITY & STATE ZIP CODE

Home Phone: _____

Business Affiliation: _____

Position or Title: _____

Business Address: _____
STREET CITY & STATE ZIP CODE

Business Phone: _____

Fax Phone: _____

E-MAIL: _____ UPON MEMBERSHIP ACCEPTANCE, NAME, EMAIL, WORK AND/OR HOME PHONE NUMBER CAN BE ADDED TO THE WEBSITE DISTRICT CONTACT PAGE. YES(CIRCLE CHOICE) NO

Education: _____
SCHOOL DATE GRADUATED DEGREE

Surveying Experience _____
YEARS

LSPS Member SPONSOR:

Name: _____ Address: _____

Telephone: _____ Signature _____

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

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

Date: _____

APPLICANT'S SIGNATURE

CLASSES OF MEMBERSHIP

RESIDENT REGISTERED MEMBER

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

INITIATION FEE \$10.00 ANNUAL DUES \$180.00
INCLUDES NSPS MEMBERSHIP

NON-RESIDENT REGISTERED MEMBER

Surveyors registered in the State of Louisiana but not a resident of Louisiana. Non-Resident Members shall be entitled to vote but shall not be eligible to hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$140.00

STUDENT MEMBER

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

ANNUAL DUES \$20.00

ASSOCIATE MEMBER

Any person working toward licensure, land survey intern, or surveyor not registered in Louisiana, recognized and so admitted by the Board of Directors. Associate members shall not be eligible to vote or hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$55.00

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 \$300.00

Credit card# _____

Expiration Date: _____

Please return completed form with Initiation Fee and Annual Dues to LSPS at the address above.

Rev.06/19

SCHOLARSHIP APPLICATION

A \$1000 Scholarship is awarded to a High School Senior residing in Louisiana, planning to pursue a career in surveying through the “Geomatics” program offered at Nicholls University. The scholarship is awarded in 4 equal payments over a 4-year period, as long as the recipient remains a full time student and maintains a 3.0 cumulative grade point average. The Foundation requires that the recipient submit their class schedule at the beginning of each semester and their grades at the end of each semester.

Return this application along with:

- School transcript,
- Three character recommendations in the form of letters to LSPS (no relatives) and extracurricular activities to the address above. **DEADLINE March 1, 2020.**

1. **Personal Information**

Name _____

Address _____ Parish _____

_____ Phone _____

Parent/Guardian _____

2. **High School Information**

School Name _____ Phone _____

School Address _____

Principal/Counselor _____

THIS SECTION MUST BE CERTIFIED BY YOUR HIGH SCHOOL COUNSELOR

Academic Background

ACT Composite Score _____

High School Grade Point Average _____ (seven semesters)

_____ **Signature of High School Counselor**

WE APPRECIATE OUR SUSTAINING MEMBER FIRMS

ALEXANDER & SANDERS INSURANCE

4610 Bluebonnet Blvd, Ste. A.
Baton Rouge, LA 70809
(225) 295-2995

BRIS ENGINEERING, LLC

8585 Archives Ave.
Baton Rouge, LA 70809
225-932-6000

JV BURKES & ASSOCIATES INC.

1805 Shortcut Hwy.
Slidell, LA 70458
(985) 649-0075

CARDNO INC.

380 Park Place Blvd., Ste. 300
Clearwater, FL 33759
(727)531-3505

CHUSTZ SURVEYING INC.

211 Richy St.
New Roads, LA 70760
(225) 638-5949

COYLE ENGINEERING COMPANY, INC.

PO Box 6177
Bossier City, LA 71171
(318) 746-8987

DADING MARQUES & ASSOCIATES LLC

PO Box 790
Metairie, LA 70004
(504) 834-0200

DENMON ENGINEERING CO., INC.

PO Box 8460
Monroe, LA 71211
(318) 388-1422

DUFRENE SURVEYING & ENGINEERING

PO Box 753
Harvey, LA 70059
(504) 368-6390

EGR SERVICES, LLC

PO Box 1258
Mandeville, LA 70470
(985) 626-7044

G360, LLC

9502 Main Street
Zachary, LA 70791
(225) 570-8268

GEOSHACK

2307 Springlake Rd., 514
Dallas, TX 75234
(318) 547-3973

GILBERT KELLY & COUTURIE, INC.

2121 N. Causeway Blvd, Ste. 121
Metairie, LA 70001
(504) 836-2121

GULF COAST AERIAL MAPPING

4242 Harding Blvd.
Baton Rouge, LA 70807
(225) 355-9722

HAAG & TRAMMELL INC.

200 Ridgelake Dr.
Metairie, LA 70001
(504) 834-8392

MORRIS P. HEBERT, INC.

PO Box 3106
Houma, LA 70361
(985) 879-2731

SE HUEY COMPANY

1111 No. 19th St.
Monroe, LA 71201
(318) 325-1791

HYDRO CONSULTANTS INC.

10275 Siegen Lane
Baton Rouge, LA 70810
(225) 766-4422

LANDSOURCE INC.

6730 Exchequer Dr.
Baton Rouge, LA 70809
(225) 752-0995

LAZENBY & ASSOCIATES INC.

2000 North 7th St.
West Monroe, LA 71291
(318) 387-2710

MADER ENGINEERING INC.

1245 South College Road, Bldg. 1
Lafayette, LA 70503
(337) 989-8047

M.P. MAYEUX SURVEYING & BOUNDARY CONSULTING, LLC

PO Box 61501
Lafayette, LA 70596
(337) 266-9500

MEYER, MEYER, LACROIX & HIXSON, INC.

100 Engineer Place,
Alexandria, LA 71303
(318) 448-0888

MORRISON SURVEYING, INC.

602 N. Cities Service Hwy.
Sulphur, LA 70663
(337) 625-1050

NAVIGATION ELECTRONICS INC.

200 Toledo Dr.
Lafayette, LA 70506
(337) 237-1413

NTB ASSOCIATES, INC.

8643 Main St.
Zachary, LA 70791
(225) 751-4002

QUALITY ENGINEERING & SURVEYING, LLC

18350 Hwy. 42
Port Vincent, LA 70726
(225) 698-1600

SJB GROUP LLC

PO Box 1751
Baton Rouge, LA 70821
(225) 769-3400

T. BAKER SMITH LLC

PO Box 2266
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