

Westbank Oil Patch

These Are Not My Daddy's Wrenches



A PUBLICATION OF THE DESK AND DERRICK CLUB OF THE WESTBANK
GRETN, LA

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Pam Lauckner
Program: Zelda Gillan
Scholarship: Gaylen Guillory
Social: Vera Ledet
Community Relations: Zelda Gillan

Front Cover Photo:

2nd Place Region Award of Merit Industry Photo

Photographer: Judi Adams
James Shipyard field trip
October 20, 2018

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No birthdays to celebrate in June...SOOO,
wishing early Happy Birthday to our July
celebrants:

JoAnn Brown	July 2
Susan Miller	July 4
Evelyn McCurley-Ingram	July 13
Charles Miller	July 26



BOARD MEETINGS	GENERAL MEETINGS
MAY 15, 2019	MAY 22, 2019
June 19, 2019	June 26, 2019
July - NO MEETING	
AUGUST 21, 2019	AUGUST 28, 2019
SEPTEMBER 11, 2019**	SEPTEMBER 18, 2019**
OCTOBER 16, 2019	OCTOBER 23, 2019
NOVEMBER 13, 2019***	NOVEMBER 20, 2019***
DECEMBER 4, 2019***	DECEMBER 10, 2019***
**Move up due to Convention September 18-23	
***Move up due to Thanksgiving/Christmas	

Monthly Programs and Volunteers			
Month	June	July	August
Date	26	No Meeting	
Theme	Education		Summer
Speaker	Nina Cleveland and Michael Wallace		Angie Duplessis
Topic	IAN/Scholarship		Hydro Power
Invocation	Zelda Gillan		Judi Adams
Introduction	Theresa Adams		Judi Adams
Decorations	Cheryl/Cora		Angie

Contact 2019 VP Zelda Gillan to sign up for volunteer opportunities or with speaker suggestions for monthly meetings.

Club President's Newsletter

Angie Duplessis
President

Phillips 66
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Belle Chasse, LA 70037
(504) 656-3221 - office
(504) 656-2013 - fax

angie.a.duplessis@P66.com

June 2019

Letter 6

Dear Westbank Members,

Please join us for our Industry Appreciation and Scholarship Awards evening on Wednesday, June 26th. I am pleased to announce this year's recipients of the 2019 Westbank Scholarship Awards:

Caitlin Billiot – LSU
Ashley DiSalvo – University of Holy Cross
Rebecca Roppolo – LSU-Health Science Center
Allee Lamy – LSU

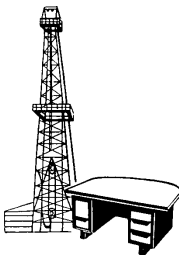
June marks the beginning of hurricane season. Everyone should begin preparations and not wait until a storm is in the Gulf of Mexico to purchase needed supplies. It's never too early to put a plan in place. And stay prepared throughout the season, which ends November 30th.

There will be no membership meeting during the month of July. I hope to see everyone at the August meeting.

Reminders...the White Elephant Brunch Social will be on Saturday, July 13th at Augie's Restaurant in Metairie and the Annual Bunco benefiting the Westbank Scholarship Fund will be Saturday, August 3rd. Flyers are in the bulletin.

Remember.....***We Can Do It!***

Angie Duplessis



Service Awards

Cora Bergeron
Angie Duplessis
Cora receives her
20 year membership
certificate and pin.



Sigrid Vedros
Angie Duplessis
Sigrid receives her
10 year membership
certificate and pin.



**2019 President Angie Duplessis with Charles Miller
1st Place Winner Best Industry Program**



**Bonnie Wall
May 50/50 winner**

Desk and Derrick Club of the Westbank

**Industry Appreciation Night and
Scholarship Awards**

6:00 p.m.

Wednesday, June 26, 2019

\$25.00 per person

**Boomtown Casino
4132 Peters Road
Harvey, Louisiana**

**SPEAKERS: Nina Cleveland and
Michael Wallace**

Tulane School of Professional Advancement

TOPIC: Emergency Management and Security

**RSVP by June 15, 2019 to Theresa Adams
504-400-3221**

or email: theresabadams@bellsouth.net

Desk and Derrick Club of the Westbank

White Elephant Brunch

Cost - \$25

Saturday July 13, 2019 – 11:00 a.m.-2:00 p.m.

Augie's Restaurant

6005 Jefferson Highway, Harahan, LA

Deadline June 26th

RSVP to Angie Duplessis

aduples1@p66.com or 504-656-3221

Bring a re-gifted item valued at \$15-\$20 for a gift exchange/steal. Nothing broken or unusable... it should be something people would actually want. You might even leave with something you need or like! Guests – family & friends - are welcome!

All entrees come with salad, dessert, and ice tea.

Name _____

Name _____

Name _____

Name _____

Name _____

Name _____

Choose One:

____ Catfish Pecan – filet of catfish, fried crispy golden brown, topped with a white wine butter pecan sauce, served with potatoes & vegetable medley

____ Veal Parmesan – paned baby veal, topped with melted mozzarella cheese, served with angel hair pasta & marinara sauce

____ Chicken St. John – baked boneless breast of chicken, topped with a creamy shrimp sauce, served with potatoes & vegetable medley

____ Catfish Lafitte – filet of catfish, fried crispy golden brown, topped with a creamy crawfish sauce, served with potatoes & vegetable medley

(sauces can be placed on the side)



DATE: SATURDAY, AUGUST 3, 2019

DOORS OPEN: 5:30 P.M.

GAMES BEGIN: 6:30 P.M.

Food served before games begin

***Menu: Spaghetti Dinner, salad, bread, dessert
soft drinks, tea, coffee***

PLACE: IMMACULATA K.C. HALL

566 AVENUE D - MARRERO, LA.

PRICE: \$20.00 ADVANCE PURCHASE

***All proceeds benefit the Desk and Derrick Club of the
Westbank Scholarship Fund***



Coupons for Troops

When something's expired you have to get rid of it, right? Not when it comes to coupons. Did you know?

- **Expired coupons work.**
Save them whether they're active or expired (Not expired more than 3 months). Coupons can be used on overseas military bases for up to six months past their expiration date.
- **Military families benefit.**
Many military families rely on donated coupons to help offset the expense of living overseas.

-- Bagging Instructions --

1. Cut out the coupons.
2. Sort coupons into two piles by status:
 - a. Expired. Not expired more than 2 months. (e.g. if today's date is 5/1/2019, you would cut out coupons with an expiration date that is not older than 3/1/2019).
 - b. Unexpired. At least two months of life left.
3. Sort each of those two piles into four piles by type:
 - a. Food items
 - b. Non-food items
 - c. Baby food/items
 - d. Pet items (like dog food)
4. Stuff them into plastic baggies.
5. Write the status (Expired or Unexpired) and the type (food, non-food, baby, or pet) on them.
6. Total the retail savings of the coupons in the baggies and write it on them. This helps us track the value of the overall program.
Only "Manufacturer's Coupons" can be used. They can be from the newspaper, dispensers in grocery stores, tear-pads, and elsewhere as long as they state "Manufacturer's Coupon" on them. No assistance vouchers. No food stamps. No store coupons. No restaurant coupons. No Internet coupons.
7. Bring coupons to our monthly meeting. Angie or Robbye will collect them.

Thank you for making a difference in the lives of our military troops and their families!





2019

CHRISTMAS CARDS FOR OUR SOLDIERS

WESTBANK DESK AND DERRICK

COMMUNITY SERVICE PROJECT

*SENDING THOUGHTS AND WISHES FOR HAPPY HOLIDAYS, SAFE AND QUICK
RETURN HOME, GOD'S BLESSING, THANKS FOR PROTECTING OUR FREEDOMS*

WE ARE SETTING A GOAL OF 2019 CARDS IN 2019!

You can participate by donating new cards with envelopes and by volunteering to sign as many cards as you can during the year. Project starts in March and will continue through October.

CONTACT BONNIE R. WALL 504-362-3671 (H) 504-439-1650 (C) E MAIL seawall4@cox.net

Southeast Region Director

*Evelyn McCurley-
Ingram
SE Region
Director*
601-335-1820
feelinfroggy0713@gmail.com

June 2019

Dear Southeast Region Members

June is here and Summer temps are rising. It's time to keep an eye on the weather and be prepared for bad days. Keep your weather keep prepared.

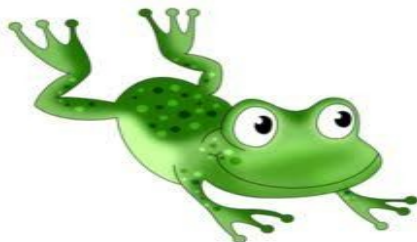
I would like to wish all our dad's a Happy Father's Day and hope you have a wonderful day.

The Registration forms for the ADDC Convention should be on the website this week. The meeting will be September 25th - 28th at the Kansas City Marriott Country Club Plaza.

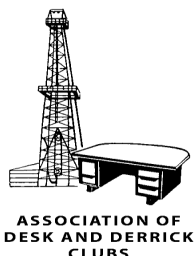
I would like to challenge each member to work on helping the organization to add new members to their clubs. This helps us maintain a positive future for our members and offer education to our newer members. "Greater Knowledge - Greater Service".

If you have any concerns or issues ; You can reach me by phone or email. Always remember, I am Your voice and I represent you, the members of the Southeast Region.

Evelyn McCurley-Ingram



*Leaping to Higher Levels of
Education, Professionalism and Achievement*



Around the Southeast Region

What an incredibly fun meeting the **Lafayette Club** members had in May!! Immediate Past President, Kathy Martin present Desk and Derrick program: "Who wants to be a Desk and Derrick Club Millionaire"! She had some fantastic questions about the club's history, purpose, and bylaws! Everyone learned a lot and had a great time!! Vickie Chauvin won the game - Congratulations!

Club President, Sheri Bienvenue, presented the Regional Awards of Merit and Years of Service Awards that were presented at the Southeast Region meeting in April.



Another monthly luncheon is in the books for the **Corpus Christi Club**. Tom Wursthorn and Jessika McKinney from Baker Hughes provided a program educating attendees on Pipe Conveyed Logging.





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WEST REGION DIRECTOR

Philana Thompson

Merrion Oil & Gas

Terry Ligon

2019 President

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940-550-5168

terryligon@hotmail.com

June 2019

Here we are at the halfway mark for the year; it does not seem possible that six months have gone by. My time as your president thus far has been very educational as well as extremely rewarding. I cannot say that it has not been challenging at times but certainly well worth it. Challenges are what make us grow.

I hope everyone has seen the 2019 Convention registration packet. It has gone out and will be posted on the website soon. Please make your plans to attend this Convention and Educational Conference. You will have many field trips and seminars to choose from. Also, the certification class offered will be Marketing which will be presented by our very own Barbara Pappas, a member of the Wichita Falls club.

The public relations committee is hard at work looking for candidates for the Distinguished Service Award (DSA) and the Special Achievement Award (SAA). The DSA is presented to individuals in recognition of outstanding service to the energy and allied industries, or to the Association. The SAA may be awarded to a club, a member or a committee within the Association for contributions to the ADDC in the form of special projects, workshops or seminars. More information can be found on the member page of the ADDC website under the forms section. The deadline for nominations is July 1, 2019. Please remember, no one can be recognized if no one is nominated.

I am so looking forward to convention in Kansas City and cannot wait to see you there. The Central Region has been working so hard to make a wonderful experience for us all. Thank you to all for your hard work!

--Sometimes in the waves of change we find our true direction.-Unknown

Terry Ligon

Registration Packets are out! Contact Angie, Evelyn, Judi, or Susan for an e-mail copy. Copies will be available at the June Membership Meeting.



**68th Annual ADDC Convention
and Educational Conference
September 25 - 28, 2019**

**Marriott Country Club Plaza
Kansas City, Missouri**

Hosted by Central Region Desk and Derrick Clubs

Oil 101: Introduction to Downstream

This overview of the downstream segment of the oil and gas industry covers:

- Downstream Business Characteristics
- Overview of Refining
- Downstream Products and Participants
- End-user Consumption
- Wholesale and Retail Marketing

So, what is Downstream? Processing, transporting, and selling refined products made from crude oil make up the business of the downstream segment of the oil and gas industry.

Key downstream business sectors include:

- Oil Refining
- Supply and Trading
- Product Marketing - Wholesale and Retail

The downstream industry provides thousands of products to end-user customers around the globe. Many products are familiar such as gasoline, diesel, jet fuel, heating oil and asphalt for roads. Others are not as familiar such as lubricants, synthetic rubber, plastics, fertilizers and pesticides. These products are called petrochemicals.

Business Characteristics of Downstream Oil and Gas

The four key characteristics of downstream:

- Margin business
- Very complex
- Requires a global perspective
- Deals with getting products to end users

Let's drill a little deeper into each of these... The downstream segment is a margin business. Margin is defined as the difference between the price realized for the products produced from the crude oil and the cost of the crude oil delivered to the refinery. Although the price of crude sets the absolute level of product prices, it may or may not affect refining or marketing margins. Downstream margins tend to be reduced, or squeezed, when crude price increases cannot be recovered in the marketplace. On the other hand, margins tend to hold, or even increase, when crude prices drop and the marketplace more slowly adjusts to these lower crude oil prices. The downstream segment is extremely complex and includes diverse activities such as refining, petrochemicals, distribution, and wholesale and retail marketing. A global perspective is important because of the global nature of the energy supply chain as well as the impact of supply and demand on both feedstock and product prices.

Let's Talk About Refining

Crude oils are not uniform, but rather are mixtures of thousands of different compounds called hydrocarbons. Each component of each compound has its own size, weight, and boiling temperature. Refineries convert crude oil into a variety of useful products through a number of different processing units using heat and pressure to separate the products. The resulting petroleum products are often classified as light, medium, or heavy. Light products include Liquid Petroleum Gas (or LPG), Gasoline, and Naphtha, which is used as a solvent or paint thinner. Medium products, or what are called middle distillates, include kerosene and related jet aircraft fuels as well as diesel fuel. Heavy products include fuel oils, lubricating oils, paraffin wax, asphalt and tar, and petroleum coke. Key Downstream Participants Downstream participants include refining and marketing divisions of the major integrated oil companies as well as independents.

Global Integrated Refiners include: BP, ExxonMobil, Chevron, Shell, Total

Major US Independent Refiners include: Valero, Tesoro, Sunoco

Independent refiners will often have a chain of service stations to market their products. What makes them an independent is they have no upstream E&P operations.

End User Consumption

The final downstream characteristic discussed today is end-user consumption. At the end of the day, it is the end users or customers of oil and gas products that give them their ultimate value. Globally, the most widely known crude oil product is gasoline. Other fuel products are diesel, jet fuel, and marine fuel oil. Fuel products for transportation are important because they account for 65% of global demand. In addition to these well-known products, the downstream industry touches every consumer.

Further processing produces lubricants, waxes and specialty products, such as high quality oils for medicines and cosmetics. Raw materials from the downstream are procured for the petrochemical industry as feedstock in the production of thousands of additional products such as synthetic rubber, plastics, nylon, polyesters for fabrics, fertilizers, antifreeze, pesticides and pharmaceuticals.

Finally, product marketing is the business of finding and supplying customers who possess either internal demand for refined fuels or wholesale distribution networks for reaching retail customers. Large direct consumers of energy products include petrochemical and industrial manufacturers, utilities, municipalities, trucking fleets, and airlines. Other companies may possess distribution assets or branded sites aimed at reaching retail customers.

Source: EKT Interactive

Downstream 101 Quiz

The Downstream segment of oil and gas includes:

- A. Processing
- B. Transporting
- C. Selling
- D. A, B, and C

“The downstream segment is a _____ business.”

- A. Profit
- B. Spread
- C. Market
- D. Margin

The resulting petroleum products are often classified as light, medium, or _____.

- A. Heavy
- B. Fractions
- C. Distillates

An independent refiner has no upstream E&P operations.

- A. True
- B. False

Globally, the most widely known crude oil product is gasoline.

- A. True
- B. False



Fuel products for transportation are important because they account for _____% of global demand.

- A. 75
- B. 65
- C. 35

Large direct consumers of energy products include petrochemical and industrial manufacturers, utilities, municipalities, trucking fleets, and airlines.

- A. True
- B. False

The downstream segment is extremely complex and includes diverse activities such as refining, petrochemicals, distribution, and wholesale and retail marketing.

- A. True
- B. False

Crude oils are not uniform, but rather are mixtures of thousands of different compounds called _____.

- A. Fractals
- B. Petrolane
- C. Hydrocarbons
- D. Chains

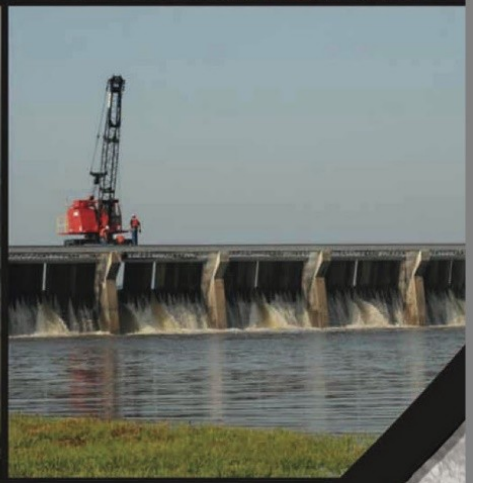
Refineries convert crude oil into a variety of useful products through a number of different processing units using heat and tension to separate the products.

- A. True
- B. False

Answers: D; D; A; A; A; B; A; A; C; B

1 of 20

Bonnet Carré Spillway



Bonnet Carre' Spillway: Flood Protection from Wellhead to Refinery

The Mississippi River is one of the world's major river systems in size, and one of the world's most important commercial waterways. Regarding our oil and gas industry, nearly 14% of the Nation's refining capacity and hundreds of oil wells are at risk as the potential of river flooding is possible as those river waters flow south into Louisiana.



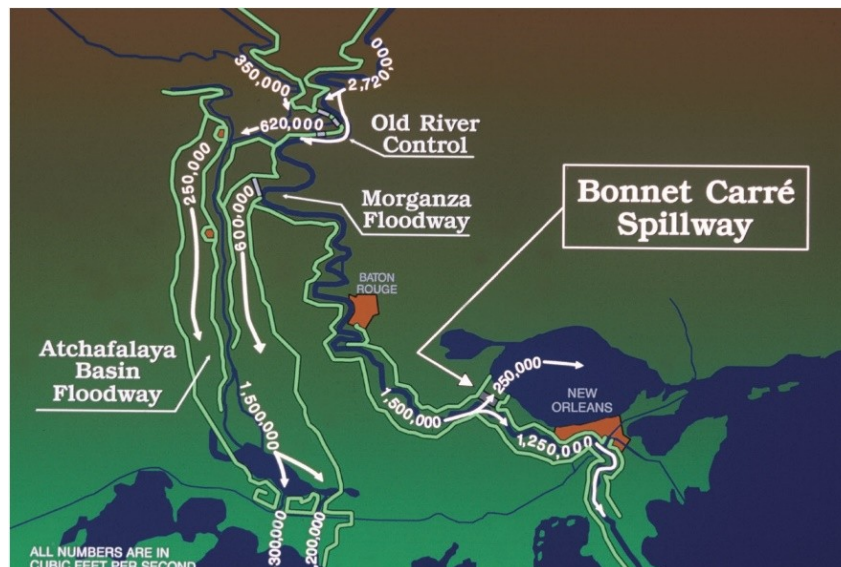
Hydrographically, 41% of our nation's watershed flows past South Louisiana, it is essential that safeguards are established to keep property and industry safe. To supplement our nation's levee system, floodways and spillways were established by the Army Corps of Engineers to help slow the Mississippi River flow and reduce pressure on the protection levees in our area of South Louisiana, the Bonnet Carre' Spillway was then constructed to alleviate this situation.

History of flood protection started with early settlers attempting to protect their crops and livestock by erecting crude levees and dams. To aid in proper levee protection, in 1879 the Mississippi River Commission was formed. The MRC called in the Army Corps of Engineers and charged them with the responsibility of levee construction from Missouri to below New Orleans to the Gulf of Mexico. The Corps met with the City, State and Local Levee Commissions to set standards as to levee constructing types of soils to use, elevations, etc. By the mid 1920's, the systems in place appeared to be safe and functional throughout the river basin.

Unfortunately, in 1927 a massive river flood caused numerous fatalities and major economic loss. Then with the Flood Control Act of 1928, the Corps of Engineers were called in again to set up flood and spillways to help reduce flow and pressure of the Mississippi River levee system.



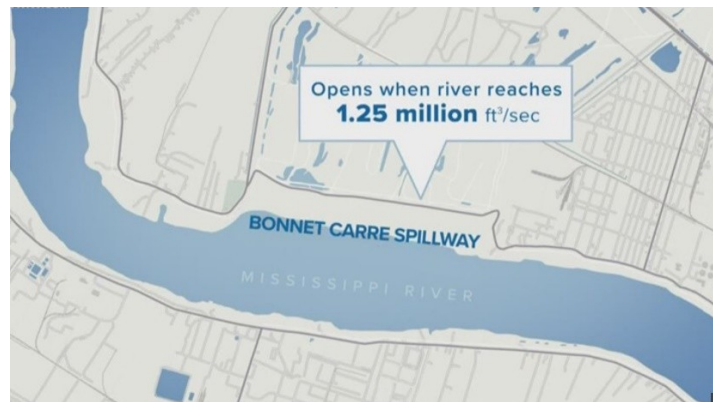
North of Baton Rouge the Atchafalaya and Morganza flood gates were established allowing waters to flow south on the western side of the river. River waters would be diverted south flowing into the Gulf of Mexico. North of the city of New Orleans, the Bonnet Carré Spillway was constructed. This was a major key in the protection of our Refineries, Petrochemical Plants and Wellheads along the river. Construction started in 1931 which would allow water to flow from the Mississippi River to Lake Pontchartrain. Again with 14% of nations refinery capacity in the area, protection is greatly needed. The total floodway consisted of approximately 7,600 acres. On the river inlet side, a massive concrete structure around 7,000 ft. or 1.25 miles long was built.



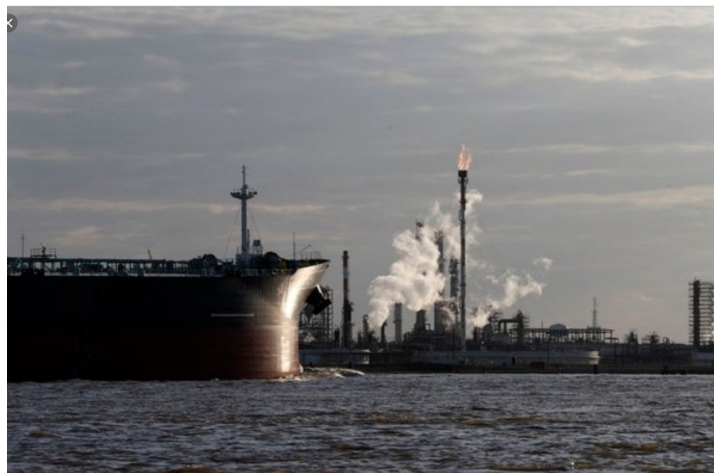
Within this structure 350 bays were designed. These bays are what are opened to allow river water to flow. Within each bay is a series of pins which are pulled to adjust water flow. These pins which resemble long railroad ties are pulled (opened) or replaced (closed) to adjust river water velocity.

When waters flow into the spillway from the river, it flows east toward Lake Pontchartrain which is about 7.5 miles away. To ensure proper direction of flow, guide levees were constructed on the north and south sides of the spillway to keep the flow in check.

Now what determines when the Bonnet Carre' Spillway will be opened? Engineers calculate that when river flow past the city of New Orleans exceeds 1.25 million cubic feet per second it is essential that waters be diverted to relieve velocity and pressure on the levees. At this rate of flow, we have been told that this amount of water could fill up the New Orleans Superdome in seconds.



As the diverted river water flows into Lake Pontchartrain, fisherman and environmentalists have expressed concern of economic loss and pollution. These are some of the major concerns faced by the Corps of Engineers prior to opening the spillway. However, with the safety of citizens, numerous industrial complexes located on the riverbanks, and of course, our oil and gas facilities (remember 14% of the nation's refining capacity is located within this area) the spillway system will continue to serve as a safeguard for everyone and everything involved.



By Randy Miller – Guest Speaker at March Meeting.

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